

The
**RADIO
TRADE
DIRECTORY**

Feb., 1926

"Where to buy in a flash"

A Classified Trade Directory of the Radio and Allied Industries containing the names and addresses of the American manufacturers of everything used in construction, maintenance and operation of Radio Apparatus both Transmitting and Receiving.

McGraw-Hill Company, Inc.

The standard for every purpose



Radiotron UV-199
is the standard dry
battery tube

Radiotron UX-199
is exactly the same, but
is fitted with the new
small UX standard
base.

Radiotrons—for detection and amplification

For dry battery use

Radiotron UV-199 or UX-199

Radiotron WD-11

Radiotron WD-12 or WX-12

For storage battery use

Radiotron UX-201-A

• • •

Special purpose Radiotrons

Super-sensitive detector

Radiotron UX-200

• • •

High-volume output amplifiers

For dry battery use: Radiotron UX-120

For storage battery use: Radiotron UX-112

For power supply use: Super-Power Radio-
tron UX-210

• • •

Special auxiliary vacuum tubes

Rectifier tubes, for battery eliminators

Half-wave rectifier: Rectron UX-216-B

Full-wave rectifier: Rectron UX-213

Protective tube, for "B" battery circuit

Radiotron UV-877

Regulator tubes, for battery eliminators

Voltage regulator, for "B" battery voltage:

Radiotron UX-874

Current regulator, for control of A. C. line:

Radiotron UV-876

• • •

RADIO CORPORATION OF AMERICA

New York

Chicago

San Francisco



RCA Radiotron

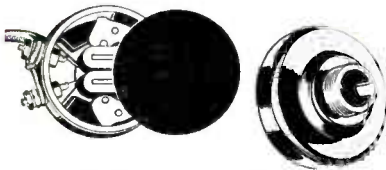
MADE BY THE MAKERS OF RADIOLAS



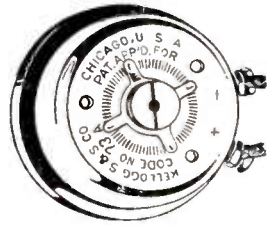
The Factory Behind the Kellogg Unit

With a background of twenty-nine years of telephone manufacturing it was only logical that a loud speaker unit of distinction should be designed and developed in the Kellogg factory.

During 1925 this unit was adopted by leading manufacturers of loud speakers after exhaustive tests because of its tone quality, ability to handle volume and stand abuse.



Reproducer Unit with Diaphragm Removed



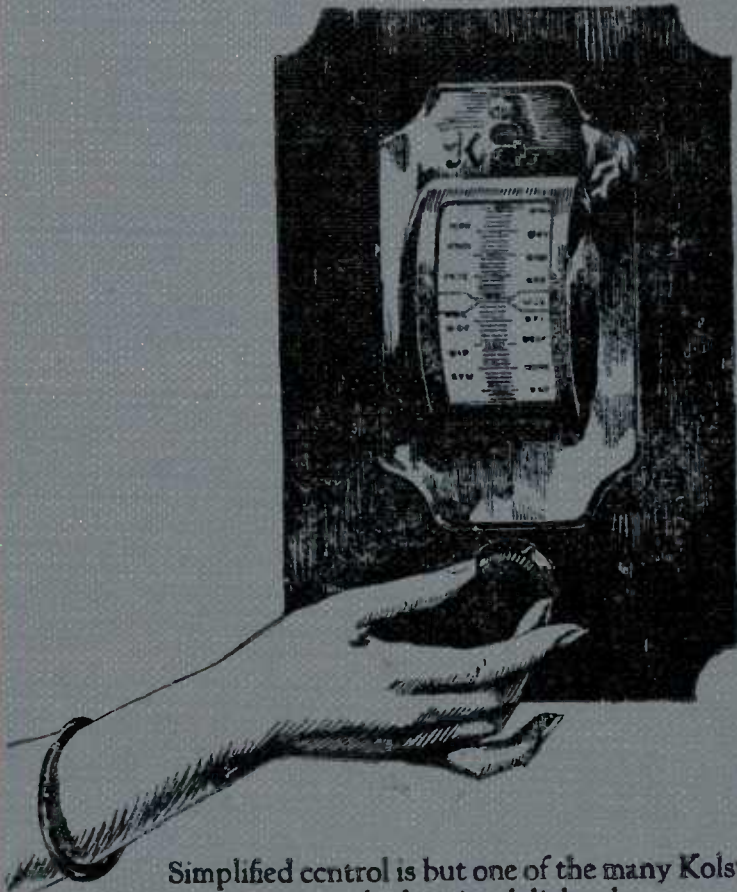
Adjusting Feature

A card will bring you our catalog No. 7R with full specifications of this and other Kellogg radio items.

**With Kellogg Telephone and Radio Equipment,
*Use—Is The Test.***

KELLOGG SWITCHBOARD & SUPPLY COMPANY

1066 W. Adams Street, Chicago, Ill.



Simplified control is but one of the many Kolster superiorities which win delighted customers. Five beautiful models and advanced tonal quality. A Kolster owner means a booster.

Dealers are invited to write for the Kolster proposition. It has many unique cooperative ideas.

KOLSTER RADIO

FEDERAL TELEGRAPH COMPANY

(of California)

Woolworth Building, New York, N. Y.

THE RADIO TRADE DIRECTORY

Volume 2

FEBRUARY, 1926

Number 2

*A Classified Directory of the
Radio and Allied
Industries*

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Power Electric Railway Journal Industrial Engineer
American Machinist—European Edition

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THE RADIO TRADE DIRECTORY

The purpose of this Directory is to give the buyer the names and addresses of those who make what he wants.

All subjects are listed under the noun or principal word (for example Multiple Phone Plugs are listed under "P"—Plugs, Multiple Phone—not under "M").

The listings are compiled absolutely irrespective of any advertising patronage.

The names and addresses of all known manufacturers are given alphabetically under each heading with the trade names of their products, if any.

Advertisers names appear in black faced type in their proper alphabetical position followed by the page number of their advertisement.

REPLACES
S-25 OBSO '59
\$10.-
S-14-26 ?

Complete Service for the Radio Manufacturer

It is natural that the McGraw-Hill Publishing Company, Inc., the world's largest publishers of radio, electrical, business and engineering publications should have the most complete sales

and advertising service available to the radio industry. Do you realize how the three parts of McGraw-Hill service for the radio manufacturer cover every possible need.

1st



"Radio Retailing"— the business magazine of the radio industry. Every branch of the industry agrees that it is the most helpful, constructive radio trade publication, giving practical sales help. It reaches retailers, jobbers and manufacturers of sets, parts and accessories. "Radio Retailing" carries your sales and educational advertisements to the industry.

2nd



"The Radio Trade Directory"

"where to buy in a flash." It lists and classifies every radio part, sets and accessory. Issued quarterly and distributed free of charge to every radio parts dealer, jobber and manufacturer—over 20,000 in all. Referred to by them whenever they are in the market for material of any kind. The Directory is the logical medium for "catalog" advertisements. It is the one carrier that places the manufacturer's "buying data" before the buyer at the psychological moment—the moment when he is ready to buy.

3rd



Mailing Service.

Accurate lists of the legitimate members of each branch of the field, including a jobber's list with complete data on each firm. A mailing service that includes the addressing and mailing of all types of sales literature for radio manufacturers.

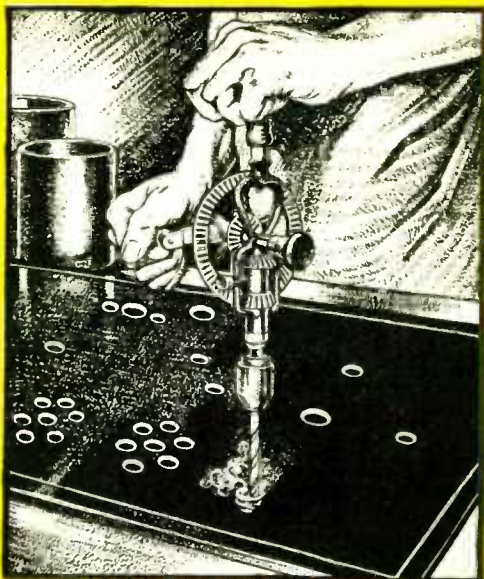
Here is a complete sales and advertising service for manufacturers—a service that can only be given by the largest business publication house in the world, an organization with fifteen million dollars in resources. McGraw-Hill service includes a staff of radio and

merchandising experts who have had valuable experience in dealing with radio manufacturing, marketing and publicity problems. Their advice and counsel are at the service of the radio manufacturer or distributor and his advertising agent.

McGraw-Hill Publishing Company, Inc.

New York--Chicago--Philadelphia--Cleveland--St.Louis--San Francisco--London

Phenolite does not expand with heat, does not shrink with cold, does not "cold flow" under pressure, does not deteriorate with age!



— sell dependable quality!

Phenolite panels are made in four colors—a rich lustrous black, a dull mat black, grained mahogany and walnut. The most popular stock sizes range from 7" x 10" to 7" x 30" in area and in thicknesses of $\frac{1}{8}$ " and $\frac{1}{4}$ ".

Phenolite tubing is made in lengths as required and in diameters from $\frac{1}{4}$ " to 8" (inside measurements). Larger diameters on request.

Phenolite can be depended upon at all times and under all conditions to react in precisely the same manner to the same forces. Phenolite is the perfection of radio insulation—uniform in hardness, toughness, dielectric resistance and machining quality . . . Whether you are buying panels or completed sets, Phenolite is the standard of unvarying quality! Your jobber will supply you—or write us.

National Vulcanized Fibre Co.

Phenolite Products Division, Wilmington, Del., U.S.A.

We operate six great plants and maintain sales and service offices at New York, Chicago, Boston, Philadelphia, Pittsburgh, Cleveland, Milwaukee, Los Angeles, San Francisco, Detroit, Rochester, Birmingham, Denver, Seattle, Toronto, Greenville, St. Louis, Baltimore.

PHENOLITE

Reg. U.S. Pat. Off.

Laminated BAKELITE

SHEETS : RODS : TUBES : SPECIAL SHAPES

**CLASSIFIED
DIRECTORY
ARRANGED
ALPHABETICALLY**

A BATTERIES—
see Batteries, A Dry
also Batteries, A Storage

**A BATTERY
CHARGERS—**
see Rectifiers, Bulb
also Rectifiers, Electrolytic
also Rectifiers, Motor Gen-
erator
also Rectifiers, Vibrator

**A BATTERY
POTENTIOMETERS—**
see Potentiometers, Battery

ABRASIVE PAPER—
see Paper, Emery & Sand

ACID, Battery—
see Electrolyte, Storage
Battery

ACID, Sulphuric—
see Electrolyte, Storage
Battery

ADAPTERS, Antenna—
see Plugs, Antenna

**ADAPTERS,
Direct Socket**
A-C Electrical Mfg. Co., Day-
ton, Ohio
✓Alden Manufacturing Co.,
Dept. D-6, Springfield,
Mass. "Na-ald" Cataloged
on page 145.
Carter Radio Co., 300 S.
Racine Ave., Chicago, Ill.
Cleartone Radio Electrical
Supply Co., 70 Audubon
Ave., Providence, R. I.
Daniel Specialty Co., 5232
Melrose Ave., Los Angeles
Cal.
✓DeJur Products Co., Lafay-
ette & Broome Sts., New
York, N. Y. See advertise-
ment, page 50.
Frost, Herbert H., 314 W.
Superior St., Chicago, Ill.

Thank you
for those
kind words!

THE response that greeted
the last issue of *The
Directory* was so tremendous
and enthusiastic that we re-
gret sincerely in not having
been able to thank every
one personally for his kind
words and helpful suggestions.

Such splendid testimony,
coming as it did from the
representative radio dealers,
wholesalers and manufactur-
ers in every nook and corner
of the country, encourages us
in our work and will assist us
in our efforts to make the
service of increasing helpfull-
ness in the future. Again we
thank you!

The Publishers

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



New model **TONE ARM**
for radio cabinets

Made of heavy brass, insuring a clear bell tone not possible in die cast or iron substances. Of universal design, making it available for any loud speaker unit. Built on the best acoustical principles and now being used by several of the prominent radio manufacturers.

Made in any length or size desired, making it readily available for table or console cabinet.

GLOBE ART MANUFACTURING CO.
77 Winthrop St., Newark, N. J.

ADAPTERS, Direct Socket Continued

- Gilfillan Bros., 1815 W. 16th St., Los Angeles, Cal.
- Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
- King Quality Products, Inc., Rano St., Buffalo, N. Y.
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"
- Mar-Co — see Martin-Copeland Co.
- Morse Co., Frank W., 289 Congress St., Boston, Mass.
- Na-ald — see Alden Mfg. Co.
- Pacent Electric Co., 91 Seventh Ave., New York, N. Y.
- ✓Radio Corp. of America, New York, N. Y. See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.
- Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.

ADAPTERS, Mounting

For changing instruments made for three hole mounting to one hole mounting

- Able Tool & Engineering Co., 536 W. Elm St., Chicago, Ill. "Atec"
- Ambassador Sales Co., 108 Greenwich St., New York, N. Y.
- Atec — see Able Tool & Engineering Co.
- Pacent Electric Co., 91 Seventh Ave., New York, N. Y.

ADAPTERS, Phonograph

Special Tone Arms, Tone Arm Clamps, Sleeves, etc., to permit use of Phonograph as a Loud Speaker by attaching Head Phones or Loud Speaker Units

- Adaptafone — see Newman-Stern Co.

- Airex Mfg. Co., 1259 Main St., Seattle, Wash.
- Ajax — see Philmore Mfg. Co.
- Alto Mfg. Co., 1801 Cornelia Ave., Chicago, Ill.
- Atlas-Colonial Corp., East Ave. & Tenth St., Long Island City, N. Y.
- Atwater Kent Mfg. Co., 4700 Wissahickon Ave., Philadelphia, Pa.
- Baldwin, Nathaniel, 3474 S. 23d East St., Salt Lake City, Utah.
- Bean — see Liberty Metal Products Corp.
- Bee-Zee Products Co., 511 Chapel St., New Haven, Conn.
- Bemco Mfg. Co., 243 W. 55th St., New York, N. Y. "Tripletone."
- Berwick — see Triangle Electro Trading Co.
- Best Mfg. Co., 75 Hudson St., Newark, N. J.
- Blood Tone Arm Co., Bay City, Mich. "Speakerola"
- Brandes Products Corp., 233 Broadway, New York, N. Y.
- Bunnell & Co., J. H., 32 Park Pl., New York, N. Y.
- Central Radio Co., 193 Centre St., New York, N. Y. "Radiograph"
- C I C — see Connecticut Instrument Co.
- Columbia Phonograph Co., 1819 Broadway, New York, N. Y.
- Connecticut Instrument Co., 219 South St., Stamford, Conn. "C I C"
- Cross Gear & Engine Co., 3250 Bellevue Ave., Detroit, Mich.
- De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.
- Del Marmol Radio-Phonograph Co., 3522 Frankford Ave., Philadelphia, Pa.
- Dulce-Tone — see General Industries Co.
- Duplex — see McMasters, W. B.
- Du Pont de Nemours & Co., E. I., (Pyrallin Division) Schuyler Ave., Arlington, N. J.
- Duro Metal Products Co., 2649 N. Kildare Ave., Chicago, Ill. "Quali-Tone"

- Ekko Co., 111 W. Monroe St., Chicago, Ill.
- Electrical Industries Mfg. Co., 326 W. 41st St., New York, N. Y. "Ultra"
- Empire Phono-Parts Co., 2261 E. 14th St., Cleveland, Ohio
- Essex Mfg. Co., 40 Lawrence St., Newark, N. J. "Stramcy"
- Fleron & Son, M. M., 110 N. Broad St., Trenton, N. J.
- General Industries Co., Elyria, Ohio. "Dulce-Tone."
- Giant — see Trimm Radio Mfg. Co.
- ✓Globe Art Mfg. Co., 77 Winthrop St., Newark, N. J. See advertisement, page 6.
- Herald Electric Co., 29 East End Ave., New York, N. Y.
- Holtzer-Cabot Electric Co., 125 Amory St., Boston, Mass.
- Illinois Bending & Mfg. Co., 906 W. Lake St., Chicago, Ill.
- Jerco — see Rudell Co.
- ✓Jewett Radio & Phonograph Co., 5686 Telegraph Rd., Pontiac, Mich. Cataloged on pages 31, 65, 131, 151, 153, 155 and 187.
- Jolley Radio Co., 297 Sixth Ave., New York, N. Y.
- Liberty Metal Products Corp., Berea, Ohio. "Bean"
- Little Wonder — see Trimm Radio Mfg. Co.
- McMasters, W. B., Wheeling, W. Va. "Duplex"
- Magnavox Co., 2725 E. 14th St., Oakland, Cal. "Telamegaphone"
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
- Manhattan Electrical Supply Co., 17 Park Pl., New York, N. Y. "Red Seal"
- Manufacturers Phonograph Co., 95 Madison Ave., New York, N. Y. "Strand Timmons"
- May Rubber Co., 826 Arch St., Philadelphia, Pa.
- Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.
- Newman-Stern Co., 1744 E. 12th St., Cleveland, Ohio. "Adaptafone"
- Oro-Tone Co., 1000 George St., Chicago, Ill. "Sea Horn"
- Peerless — see United Radio Corp.
- Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
- Quali-Tone — see Duro Metal Products Co.
- Radio-Fone-O-Graf Co., 27 S. Broad St., Elizabeth, N. J.

ADAPTERS, Phonograph Continued

Radio Industries Corp., 131 Duane St., New York, N. Y. "Rico Phon-Adapters"

Radiograph — see Central Radio Co.

Radiotive Corp., 5317 21st Ave., Brooklyn, N. Y. "Silken Voice"

Red Seal — see Manhattan Electrical Supply Co.

Remo Corp., Meriden, Conn.

Rex Radio Works, 1820 Montrose Ave., Chicago, Ill.

Rhamstine, J. Thos., 508 E. Woodbridge St., Detroit, Mich.

Rico Phon-A-Adapters — see Radio Industries Corp.

Rola Co., 4250 Hollis St., Oakland, Cal.

Royal Electrical Laboratories, 109 Tichenor St., Newark, N. J. "Royalphone"

Royalphone — see Royal Electrical Laboratories.

Rudell Co., Joseph E., 556 W. 52d St., New York, N. Y. "Jerco"

Sea Horn — see Oro-Tone Co. Selectron Corp., 565 Fifth Ave., New York, N. Y.

Silken Voice — see Radiotive Corp.

Speakerola — see Blood Tone Arm Co.

Splitdorf Electrical Co., 392 High St., Newark, N. J.

Steinite Laboratories, Radio Bldg., Atchison, Kans.

Stramcy — see Essex Mfg. Co.

Strand-Timmons — see Manufacturers Phonograph Co.

Stuckeman Bros., 204 War-
rington Ave., Pittsburgh,
Pa.

Telemegaphone — see Magna-
vox Co.

✓Teleradio Engineering Corp.,
490 Broome St., New York,
N. Y. Cataloged on page
152.

Timmons Radio Products
Corp., 339 E. Tulpehocken
St., (Germantown), Phila-
delphia, Pa.

Tower Mfg. Corp., 98 Brook-
line Ave., Boston, Mass.

Triangle Electro Trading Co.,
4077 Park Ave., New York,
N. Y. "Berwick"

Triangle Phono Parts Co.,
722 Atlantic Ave., Brook-
lyn, N. Y.

Trimm Radio Mfg. Co., 24 S.
Clinton St., Chicago, Ill.
"Giant," "Little Wonder"

Tripletone — see Bemco Mfg.
Co.

Ultra — see Electrical Indus-
tries Mfg. Co.

United Radio Corp., 115 Caledo-
nia St., Rochester, N. Y.
"Peerless"

Utah Radio Products Co., 1427
S. Michigan Ave., Chicago,
Ill.

Waterbury Button Co.,
Waterbury, Conn.

Western Electric Co., 100 E.
42d St., New York, N. Y.

Westphal Mfg. Laboratory
80 Jackson Blvd., Chicago,
Ill.

Zisch Engineering Corp., 39
Ave. L, Newark, N. J.
"Zeco"

Zeco — see Zisch Engineering
Corp.

ADAPTERS, Resistance Socket

Elsemann Magneto Corp., 165
Broadway, New York, N. Y.

ADAPTERS, Tube—

see A d a p t e r s, Direct
Socket

ADJUSTABLE CONDENSERS—

see Condensers, Adjustable

ADJUSTABLE GRID-LEAKS—

see Grid-Leaks, Variable

ADJUSTABLE GROUND CLAMPS—

see Clamps, Ground

ADJUSTABLE SPARK GAPS—

see G a p s, Adjustable
Spark

ADJUSTERS, Dial—

see Attachments, Vernier

AERIAL FITTINGS—

see Fittings, Iron Antenna
Pole

AERIAL INSULATORS—

see Insulators, Composition
also Insulators, Glass
also Insulators, Porcelain

AERIAL MASTS—

see Poles, Steel
also Towers, Steel

AERIAL POLES—

see Poles, Steel

AERIAL PROTECTORS—

see Arresters, Lightning
Indoor
also Arresters, Lightning
Outdoor

AERIAL SETS—

see Aerials, Indoor
also Wire

AERIAL TOWERS—

see Towers, Steel

AERIAL WIRE—

see Wire, Braided Copper
also Wire, Copper Clad
Steel
also Wire, Enameled Cop-
per
also Wire, Flat or Strip
also Wire, Magnet
also Wire, Single Strand
Copper
also Wire, Stranded Copper

AERIALS, Indoor

For Loop Aerials — see
Aerials, Loop

Ajax — see Philmore Mfg. Co.
Antennaphone Co., 90 West
St., New York, N. Y.

Berlin & Trosky, 400 Lafay-
ette St., New York, N. Y.
"D. X."

Berstan Radio Products Co.,
329 Dwight St., Springfield,
Mass. "Fone-Tenna"

✓Crescent Braid Co., Provi-
dence, R. I. "Lektro." See
advertisements, pages 34
and 55.

D. X. — see Berlin & Trosky.
Effarsee — see Fishwick Radio
Co.

Electrad, Inc., 428 Broadway,
New York, N. Y. "Indor-
arial"



The new Mack B Eliminator
Guaranteed not to hum. Develops
135 volts. Will operate any set
from 1 to 12 tubes. \$22.50 list.
Write for further particulars and
discounts.

Mack Spring Aerial
will not corrode, tarnish or break.
For outdoor or indoor use. Has
proven its worth as a better aerial
and a fast mover.

MACK COMPANY
1940 W. Delancey St., Phila., Pa.

AERIALS, Indoor Continued

- Esby Co., 45 Arch St., Boston, Mass. "Esby-A-Tena"
Esby-A-Tena — see Esby Co.
Fisher Spring Co., Chas., 240 Kent Ave., Brooklyn, N. Y.
Fishwick Radio Co., 135 W. Central Parkway, Cincinnati, Ohio "Effarsee"
Fone-Tenna — see Berstan Radio Products.
Frost, Herbert H., 314 W. Superior St., Chicago, Ill. (Sole Distributors for A. J. Musselman, Chicago, Ill.)
Hope Webbing Co., Providence, R. I.
Hy-Sil Mfg. Co., Revere, Mass.
Indorarial — see Electrad, Inc.
Inter-State Signal Co., Columbus, Ohio
Lees Textile Co., 207 Walker St., Lowell, Mass. "Pure-tone"
Lektro — see Crescent Braid Co.
Lenz — see Permanco Mfg. Corp.
✓Mack Co., 1940 W. Delancey St., Philadelphia, Pa. See advertisement, page 8.
Mattatuck Mfg. Co., E. Main St., Waterbury, Conn.
Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa
Morse Co., Frank W., 289 Congress St., Boston, Mass.
Musselman, A. J. — see Frost, Herbert H.
Perfection Radio Mfg. Co., 24th & Race Sts., Philadelphia, Pa.
✓Permanco Mfg. Corp., 814-16 Prospect Ave., Brooklyn, N. Y. "Premo" See advertisement, page 89.
Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
Premo — see Permanco Mfg. Co.
Puretone — see Lees Textile Co.
Raco — see Ross Wire Co.

- Rapid Spring Co., Pittsburgh, Pa.
Remo Corp., Meriden, Conn. "Remofone"
Remofone — see Remo Corp.
✓Ross Wire Co., 69 Bath St., Providence, R. I. "Raco" See advertisement, page 193.
Sheffield Trimming & Stamping Corp., 211 Centre St., New York, N. Y. "Stasco"
Silcrimp — see Valley Narrow Fabric Co.
Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.
Stasco — see Sheffield Trimming & Stamping Corp.
Tel-Aerial, 80 Washington St., New York, N. Y.
Valley Narrow Fabric Co., Central Falls, R. I. "Silcrimp"
Whetzal, Walter M. H., 37 Plum St., Westerville, Ohio

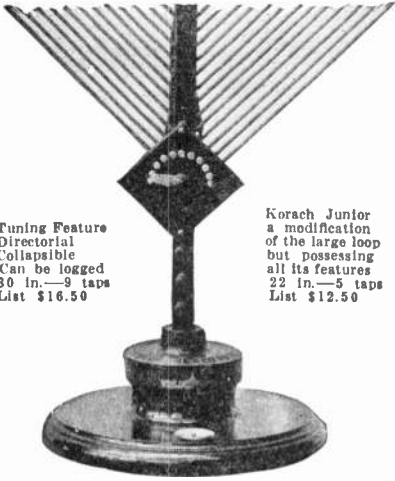
AERIALS, Loop

For other Indoor Aerials — see Aerials, Indoor

- Aalco Radio Laboratories, 1912 S. Wabash Ave., Chicago, Ill.
Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.
Ajax Electric Co., 18 Palmer St., Cambridge, Mass.
Aladdin Mfg. Co., 18th & Hackley Sts., Muncie, Ind. "Aladyne"
Aladyne — see Aladdin Mfg. Co.
Ambu — see American Bureau of Engineering.
American Bureau of Engineering, 2632 Prairie Ave., Chicago, Ill. "Ambu"
Amoroso Mfg. Co., 14 Sears St., Boston, Mass. "Nifty" "Nifty, Jr."
Ampliflex Radio Corp., 39 Massachusetts Ave., Arlington, Mass.
Banker Windshield Co., 5722 Ellsworth Ave., Pittsburgh, Pa.
Berling Magneto Co., 42 Laird St., Buffalo, N. Y.
Betts & Betts Corp., 645 W. 43d St., New York, N. Y. "Betts-Bonner"
Betts-Bonner — see Betts & Betts Corp.
Bodine Electric Co., 2256 W. Ohio St., Chicago, Ill.
Boone Radio Corp., J. T., 3469 E. Jefferson Ave., Detroit, Mich.
Branston, Chas. A., 813 Main St., Buffalo, N. Y.
Calvert Specialty Co., 141 N. 11th St., Philadelphia, Pa.
Carter Radio Co., 300 S. Racine Ave., Chicago, Ill.
Celco — see Central Engineering Laboratories.
✓Central Engineering Laboratories, 3345 N. Lincoln St., Chicago, Ill. "Celco" See advertisement, page 175.
Cook Co., C. A., 18 Osborn St., Cambridge, Mass.
Cunningham Singer Radiophone Co., 132 N. Larchmont Blvd., Los Angeles, Cal.
Curtantenna — see Pathe Phonograph & Radio Corp.
Davis, Richard T., 5252 Broadway, Chicago, Ill. "Vogue"
Dunham, D. F., 3941 Cumberland Ave., Los Angeles, Cal.
Duo-Spiral — see Radio Units, Inc.
Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"
English-Whitman Products, 250 W. 57th St., New York, N. Y. "Tun-A-Loop"
Erie Radio Co., 23 E. Eighth St., Erie, Pa. "Zig Zag"
Erla — see Electrical Research Laboratories
✓Federal Telegraph Co., (Merchandising Division) Woolworth Bldg., New York, N. Y. "Kolster." See Back Cover.
Fiat — see Radio Appliance Laboratory.
Four Way Co., 29 Worthington St., Springfield, Mass.
Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.
Guarantee Specialty Mfg. Co., 5100 Superior Ave., Cleveland, Ohio
Haller, W. B., 2100 Sarah St., S. S., Pittsburgh, Pa. "Hallerio"
Hallerio — see Haller, W B.
Hartman Electrical Mfg. Co., 34 E. Fifth St., Mansfield, Ohio
Hexloop — see Jordan Cabinet Corp.
Jordan Cabinet Corp., 56th St. & First Ave., Brooklyn, N. Y. "Hexloop"
Kolster — see Federal Telegraph Co.
✓Korach Radio Co., 20 E. Jackson Blvd., Chicago, Ill. See advertisement, page 9.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

The Korach Loop



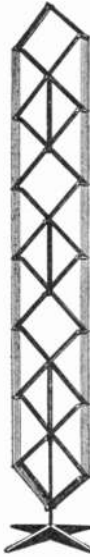
Tuning Feature
Directional
Collapsible
Can be logged
30 in.—9 taps
List \$16.50

Korach Junior
a modification
of the large loop
but possessing
all its features
22 in.—5 taps
List \$12.50

The Korach Loop is guaranteed and does a big share in obtaining perfect radio reception. Substantially constructed. This remarkable aerial is tapped to enable to tune in to greatest advantage. Jobbers and Dealers should take advantage of the great sales possibilities of this aerial. Write for details.

KORACH RADIO CO.
20 E. Jackson Blvd., Chicago, Ill.

VOLUMAX LOOP



Signal Strength and Convenience

These are the two most desirable qualities in radio loops, and in the Volumax they are both provided in an unusual degree.

The Volumax is 5 ft. 9 in. high—this dimension gives the astounding signal strength for which this loop is famous.

Used directionally, Volumax swings in a radius of only 7½ in. It can be collapsed and put out of the way in only a few seconds. For strength of signals, selectivity and convenience, the Volumax is in a class by itself. Price, \$14.50.

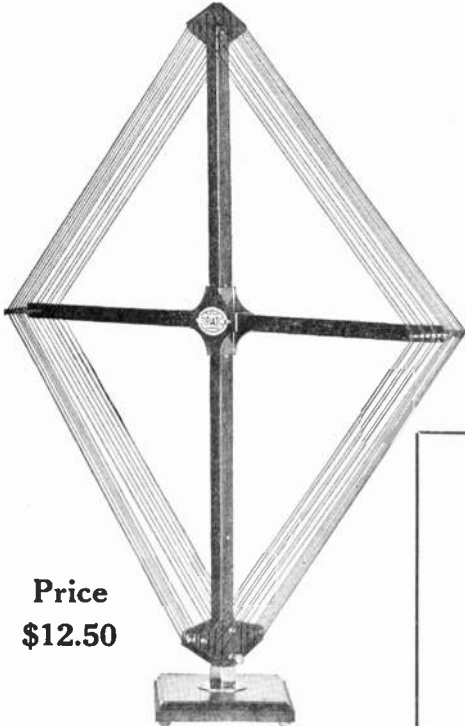
**Weber Electric
Works**

4527 Broadview Road
Cleveland, Ohio

AERIALS, Loop Continued

- La Salle, E. B., 61 S. Washington St., Batavia, Ill.
- Lincoln Radio Corp., 151 W. 28th St., New York, N. Y. "Ovaloop"
- Little Tattler—see Marinette Electric Corp.
- Manhattan Electrical Supply Co., 17 Park Pl., New York, N. Y. "Red Seal"
- Marinette Electric Corp., Marinette, Wis. "Little Tattler"
- Marion Electrical Mfg. Co., 24 Cliff St., Jersey City, N. J.
- Mathiesen-Sandberg Co., 5249 Ravenswood Ave., Chicago, Ill.
- Morse Co., Frank W., 289 Congress St., Boston, Mass.
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.
- Mutual Radio Co., Stearns Rd., Wellesley, Mass.
- Nassau Radio Co., 60 Court St., Brooklyn, N. Y.
- Nazeley Co., J., 1824 Park Ave., Weehawken, N. J. "Selecto" "Selecto Senior" "Portena" "Suportena"
- Nifty—see Amoroso Mfg. Co.
- Nifty, Jr.—see Amoroso Mfg. Co.
- Ovaloop—see Lincoln Radio Corp.
- Pacent Electric Co., 91 Seventh Ave., New York, N. Y.
- Paramount Radio Corp., 1482 Broadway, New York, N. Y.
- Pathe Phonograph & Radio Corp., 20 Grand Ave., Brooklyn, N. Y. "Curtantenna"
- Peerless Light Co., 663 W. Washington Blvd., Chicago, Ill.
- Phillips Laboratories, 1602 Robinson Rd., Grand Rapids, Mich. "Ultra"
- Portena—see Nazeley Co.
- Radio Appliance Laboratory, Dept. D, 4884-90 N. Clark St., Chicago, Ill. "Fiat" See advertisement, page 10.
- Radio Corp. of America, New York, N. Y. "Radiola" See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.
- Radio-Fone-O-Graf Co., 27 S. Broad St., Elizabeth, N. J.
- Radio Receptor Co., 106 Seventh Ave., New York, N. Y.
- Radio Units, Inc., 1316 S. First Ave., Maywood, Ill. "Duo-Spiral" See advertisement, page 25.
- Radiola—see Radio Corp. of America
- Ray-Dee-Aircraft Mfg. Co., 12 E. Central Ave., Redlands, Cal.
- Red Seal — see Manhattan Electrical Supply Co.
- Richards & Co., George, 557 W. Monroe St., Chicago, Ill. "Hemco"
- Ritter Radio Corp., 232 Canal St., New York, N. Y.
- Schaeffer Mfg. Co., 226 E. 41st St., Portland, Ore.
- Selecto—see Nazeley Co.
- Selecto—see Thomas Co.
- Selecto Senior — see Nazeley Co.
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich. "Signola"
- Signola—see Signal Electric Mfg. Co.
- Silcimp—see Valley Narrow Fabric Co.
- Silver-Marshall, 102 S. Wabash Ave., Chicago, Ill. "S-M" See advertisement, page 173.
- S-M — see Silver-Marshall
- Smith Co., C. W., 1125 S. Wall St., Los Angeles, Cal.
- Suportena—see Nazeley Co.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



Price
\$12.50

Pat'd Oct. 27, 1925

THE
BANK FIAT WOUND
LOOP

"All that the name implies"

Results obtained are remarkable. The Fiat has combined all of the factors necessary for efficiency and consistently good performance. Helps in a big way to get selectivity, range and volume. Woodwork is of solid walnut or mahogany, highly polished, and the metal work of brass, heavily nicked. Carefully and accurately constructed. Can't spring out of alignment. Simple to erect and fold.

Distributors, Jobbers, Dealers write for complete details.

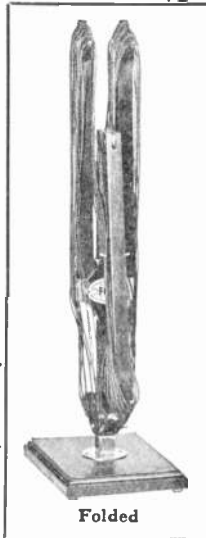
Designed to operate with .0005 M. F. tuning condenser. Center-tap is provided for circuits requiring this connection. Will operate with Super-heterodyne, Reflex and all other sets designed for loop operation. Browning - Drake and neutrodyne sets can be easily converted to loop operation. Descriptive matter covering the necessary circuit changes will be sent on request.

Radio Appliance Laboratory

Dept. D

4884-90 No. Clark St., Chicago, Ill.

New York Office: 5635 Grand Central Terminal Bldg.



Folded

AERIALS, Loop Continued

Thomas Co., W. I., 217 N. Desplaines St., Chicago, Ill. "Selecto"

✓ Toaz Engineering & Sales Co., 11703 Robertson Ave., Cleveland, Ohio See advertisement, page 167.

Trenton Wood Specialty Co., Stokes Ave., & P.R.R., Trenton, N. J.

Tun-A-Loop — see English-Whitman Products

Ultra — see Phillips Laboratories

Utt-Williams Electrical Products Co., Santa Ana, Cal.

Valley Narrow Fabric Co., Central Falls, R. I. "Silcrimp"

Vogue—see Davis, Richard T.

✓ Weber Electric Works, 4527 Broadview Rd., Cleveland, Ohio. "Volumax" See advertisement, page 9.

Werner Radio Mfg. Co., P., 204 Ninth St., Brooklyn, N. Y.

Wheeler Mfg. Co., 970 Montana St., Chicago, Ill.

Whittemore, D. C., Port Washington, N. Y.

Zig Zag—see Erie Radio Co.

AERIALS, Outdoor—

see Insulators
also Wire

AERIALS, Ribbon—

see Wire, Flat or Strip

AERIALS, Socket—

see Plugs, Antenna

AIR CONDENSERS—

see Condensers, Variable
also Condensers, Variable
Vernier

ALCOHOL TORCHES—

see Torches, Alcohol

ALLOYS, Contact—

see Points, Contact
also Platinum

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Manufacturers

are earnestly requested to notify us at once of any new products so that they may be correctly listed in

The Radio Trade Directory

— without charge, of course.

THE RADIO TRADE DIRECTORY

Tenth Avenue at 36th Street
New York City

Hoyt Electrical Instruments for RADIO

A Complete Line

POCKET METERS—

Voltmeters, Ammeters and Voltammeters of standard design—reasonably priced.

PEEP-HOLE METERS—

Unusual and exclusive design—will fit in hole $\frac{3}{4}$ -in in diameter. Supplied either as a voltmeter or ammeter.

PRECISION PANEL METERS—

Type 17—With d'Arsonval moving-coil movement. Fits a two-inch diameter hole, and supplied as single or double range volt meter, ammeter and milliammeter. Made for radio set equipment.

PORTABLE METERS—

A complete line of voltmeters and ammeters—all ranges.

TUBE TESTER—

An instrument for testing and matching radio tubes. Indispensable for manufacturer, dealer and jobber.

If you require anything in the line of Electrical Measuring Device—Ask us.

BURTON-ROGERS CO.

26 Brighton Ave., Boston, Mass.

*Sales Department for
Hoyt Elec. Inst. Works*

ALLOYS, Resistance—

see Wire, Resistance

ALUMINUM CASTINGS—

see Castings, Aluminum

ALUMINUM DIE CASTINGS—

see Castings, Die

ALUMINUM FOIL—

see Foil, Aluminum

ALUMINUM, Sheet, Rod and Tube

Aluminum Co., of America, Oliver Bldg., Pittsburgh, Pa.

AMMETERS, Antennae—

see Ammeters and Voltmeters, Panel Type

AMMETERS AND VOLTMETERS, Panel Type

For mounting on panels of Receiving and Transmitting Sets; for regular Switchboard Type Meters—see Ammeters and Voltmeters, Switchboard Type; for Pocket Battery Testers—see Ammeters and Voltmeters, Pocket

Beede Electric Instrument Co., Penacook, N. H.

✓Burton-Rogers Co., 26 Brighton Ave., Boston, Mass. (Sole Distributors for Hoyt Electrical Instrument Works, Penacook, N. H.) See advertisement, page 11.

Cellokay Mfg. Corp., Flat-iron Bldg., New York, N. Y. "Cell-O-Meter"

Cell-O-Meter—see Cellokay Mfg. Corp.

Dongan Electric Mfg. Co., 2937 Franklin St., Detroit, Mich.

Eldredge Electrical Corp., 3 Post Office Sq., Springfield, Mass. "Midget"

General Electric Co., 1 River Rd., Schenectady, N. Y.

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

Hoyt Electrical Instrument Works—see Burton-Rogers Co.

Jewell Electrical Instrument Co., 1640 Walnut St., Chicago, Ill.

Midget—see Eldredge Electrical Corp.

Pignolet Instrument Co., 76 Greenwich St., New York, N. Y.

✓Radio Corp. of America, New York, N. Y. See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.

Readrite Meter Works, Bluffton, Ohio

Roller-Smith Co., 233 Broadway, New York, N. Y.

Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio

Westinghouse Electric & Mfg. Co., 82 Worthington St., Springfield, Mass.

✓Weston Electrical Instrument Corp., 157 Weston Ave., Newark, N. J. See advertisement, page 12.

AMMETERS AND VOLTMETERS, Pocket

Advance—see Eldredge Electrical Corp.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Radio
Plug

There is a
WESTON
Instrument

For Every Radio Need

EVERY radio owner knows the famous Weston Instant-Change Plug for connection to headset and loudspeaker. Model 506 Two Inch Panel Voltmeter will give permanently satisfactory service for the measurement of filament voltages and voltage at various points of the receiving circuit, including "A" and "B" Batteries. Its exceptional high internal resistance makes an unusual slight drain on batteries. Model 489 Radio Table Voltmeter portable instrument with a double range of 7.5/150 volts provided with 18 in. flexible cables is popular for the making of a great number of radio sets. It is enclosed in a hand-

489 Portable
Voltmeter

some Bakelite case of rugged design.

Model 506 Pin-Jack Voltmeter is made to plug into the Pin-Jacks provided for its reception on Radiola, Victor and Brunswick Superheterodynes. By simply turning the battery setting knob until the needle of the voltmeter reaches the red mark at 3 volts will insure the best and most economical reception possible.

506 Panel
Voltmeter506 Pin-Jack
Voltmeter

For complete information upon these or other Weston instruments for radio use write us for the interesting free booklet entitled "Weston Radio Instruments."

WESTON ELECTRICAL INSTRUMENT CORPORATION

157 Weston Avenue, Newark, N. J.



Manufacturers

are earnestly requested to notify us at once of any new products so that they may be correctly listed in

The Radio Trade Directory

—without charge, of course.

The RADIO TRADE DIRECTORY

Tenth Ave. at 36th Street
New York City

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

AMMETERS and VOLTMETERS, Pocket Continued

- ✓**Burton-Rogers Co.**, 26 Brighton Ave., Boston, Mass. (Sole Distributors for Hoyt Electrical Instrument Works, Penacook, N. H.) See advertisement, page 11.
- Eclipse — see Eldredge Electrical Corp.
- Eldredge Electrical Corp., 3 Post Office Sq., Springfield, Mass. "Advance" "Eclipse"
- Hoyt Electrical Instrument Works—see Burton-Rogers Co.
- Jackson & Co., E. O., 500 S. State St., Chicago, Ill.
- Jewell Electrical Instrument Co., 1640 Walnut St., Chicago, Ill.
- Lundquist Tool & Mfg. Co., 144 Green St., Worcester, Mass. "Yankee"
- Nagel Electric Co., W. G., 28 St. Clair Ave., Toledo, Ohio
- Pignolet Instrument Co., 76 Greenwich St., New York, N. Y.
- Readrite Meter Works, Bluffton, Ohio
- Roller-Smith Co., 233 Broadway, New York, N. Y.
- Samber Radio Products Co., 27 School St., Boston, Mass.
- Sterling Mfg. Co., 2335 Prospect Ave., Cleveland, Ohio
- Tiffany Mfg. Co., 42 Spring St., Newark, N. J.
- ✓**Weston Electrical Instrument Corp.**, 157 Weston Ave., Newark, N. J. See advertisement, page 12.
- Yankee—see Lundquist Tool & Mfg. Co.

AMMETERS, Radiation—

see Ammeters and Voltmeters, Panel Type

AMMETERS AND VOLTMETERS, Switchboard Type

- General Electric Co., 1 River Rd., Schenectady, N. Y.
- Jewell Electrical Instrument Co., 1650 Walnut St., Chicago, Ill.
- Queen-Gray Co., 70 W. Johnson St., (German-town) Philadelphia, Pa.
- Roller-Smith Co., 233 Broadway, New York, N. Y.
- Westinghouse Electric & Mfg. Co., 82 Worthington St., Springfield, Mass.
- ✓**Weston Electrical Instrument Corp.**, 157 Weston Ave., Newark, N. J. See advertisement, page 12.

AMPLICITE CRYSTALS—

see Crystals

AMPLIFIER TUBES—

see Tubes, Vacuum

AMPLIFIERS, Audio Frequency

- ✓**Aerovox Wireless Corp.**, 489-93 Broome St., New York, N. Y. See advertisement, page 43.
- Allen-Bradley Co., 286 Greenfield Ave., Milwaukee, Wis. "Bradley"
- ✓**Anylite Electric Co.**, Fort Wayne, Ind. "King Cole" See advertisement, page 126.
- Audiola Radio Co., 430 S. Green St., Chicago, Ill.
- Auto Indicator Co., 209 Ottawa Ave., N. W., Grand Rapids, Mich.
- Bradley — see Allen-Bradley Co.
- Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.
- Carco—see Carter Mfg. Co.
- Carter Mfg. Co., 1728 Cort Ave., (E. Cleveland) Cleveland, Ohio "Carco"
- Clapp-Eastham Co., 139 Main St., Cambridge, Mass. "Radak"
- Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn.
- Daven Radio Corp., 158 Summit St., Newark, N. J.
- Deitrickson Radio Co., 121 S. Third St., St. Joseph, Mo.
- ✓**DeWitt-LaFrance Co.**, Cambridge, Mass. See advertisement, page 85.
- Eisemann Magneto Corp., 165 Broadway, New York, N. Y.
- Electrad, Inc., 428 Broadway, New York, N. Y.
- ✓**General Radio Co.**, Cambridge, Mass. See advertisement, page 47.
- Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.
- Harkness Radio Corp., Kenneth, 727 Frelinghuysen Ave., Newark, N. J.
- Illinois Radio Engineering Co., 3508 W. 26th St., Chicago, Ill.
- King Cole—see Anylite Electric Co.
- Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill.
- Orator Radio Corp., 1717 Broadway, New York, N. Y.
- Pentz Radio Factory, 207 S. Fifth St., Minneapolis, Minn.
- Perasco — see Perry Radio Supply Co.

Perry Radio Supply Co., 218 Washington Blvd., River Forest, Ill. "Perasco"

Radak — see Clapp-Eastham Co.

Steinite Laboratories, Radio Bldg., Atchison, Kans.

Trelcott Co., 2118 Hale Ave., Louisville, Ky.

Tuska Co., C. D., 83 Homestead Ave. Hartford, Conn.

Welty & Co., Wm., A., 36 S. State St., Chicago, Ill.

Wireless Shop, 150 Glendale Blvd., Los Angeles, Cal.

AMPLIFIERS, Power

- Magnavox Co., 2725 E. 14th St., Oakland, Cal.
- ✓**Radio Corp. of America**, New York, N. Y. See advertisements, pages 184, 185, Inside Front Cover and Opposite Inside Back Cover.
- Steinmetz Wireless Mfg Co., 5968 Baum Blvd., Pittsburgh, Pa.
- Western Electric Co., 100 E. 42d St., New York, N. Y.

AMPLIFIERS, Radio Frequency

- Ballantine — see Boonton Rubber Mfg. Co.
- Boonton Rubber Mfg. Co., 223 Fanny Rd., Boonton, N. J. "Ballantine"
- ✓**DeWitt-LaFrance Co.**, Cambridge, Mass. See advertisement, page 85.
- Ed-U-Cator—see Mersman & Co.
- Elkay — see Langbein-Kaufman Radio Co.
- Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.
- Grebe & Co., A. H., 109 W. 57th St., New York, N. Y.
- ✓**Langbein-Kaufman Radio Co.**, Dept. O., 511 Chapel St., New Haven, Conn. "Elkay" See advertisement, page 114.
- Mersman & Co., Ottawa, Ohio "Ed-U-Cator"
- Nola Radio Co., 327 St. Charles St., New Orleans, La.
- Pathe Phonograph & Radio Corp., 20 Grand Ave., Brooklyn, N. Y.
- Radio Engineering Laboratories, 27 Thames St., New York, N. Y.
- Twitchell Co., S. A., 1825 Western Ave., Minneapolis, Minn.
- United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

AMPLIFIERS, Sound—

see Adapters, Phonograph
also Horns
also Speakers, Loud
also Units, Loud Speaker

**AMPLIFYING
HORNS—**

see Horns, Composition
also Horns, Metal
also Horns, Wood

**AMPLIFYING
TUBES—**

see Tubes, Vac. am

ANCHORS, Guy

Everstick Anchor Co., St. Louis, Mo.
Faultless Anchor & Mfg. Co., Centerburg, Ohio.
Hubbard & Co., 6301 Butler St., Pittsburgh, Pa. "Steelwing"
Lanz Bolt Co., M., 2907 E. Carson St., Pittsburgh, Pa.
Steelwing—see Hubbard & Co.
Wek-Lock Mfg. Co., Winterset, Iowa

ANGLE BRACKETS,**Brass—**

see Brackets, Brass Angle

**ANTENNA
AMMETERS—**

see Ammeters and Voltmeters, Panel Type

ANTENNA, Copper—

see Wire, Braided Copper
also Wire, Copper Clad Steel
also Wire, Enameled Copper
also Wire, Flat or Strip Copper
also Wire, Single Copper
also Wire, Stranded Copper

**ANTENNA
INSULATOR
Brackets—**

see Brackets, Antenna Insulator

**ANTENNA
INSULATORS—**

see Insulators, Composition
also Insulators, Porcelain

**ANTENNA
LEADS-IN—**

see Leads-In, Insulated

ANTENNA MASTS—

see Poles, Steel
also Towers, Steel

ANTENNA PLUGS—

see Plugs, Antenna

**ANTENNA POLE
FITTINGS—**

see Fittings, Iron Antenna Pole

ANTENNA POLES—

see Poles, Steel

**ANTENNA TENSION
SPRINGS—**

see Springs, Antenna Tension

ANTENNA TOWERS—

see Towers, Steel

ANTENNA WIRE—

see Wire, Braided Copper
also Wire, Copper Clad Steel
also Wire, Enameled Copper
also Wire, Flat or Strip Copper
also Wire, Single Copper
also Wire, Stranded Copper

**ANTENNA,
Wire, Gold Plated—**

see Wire, Gold Plated Antenna

ANTENNAS, Indoor—

see Aerials, Indoor

ANTENNAS, Loop—

see Aerials, Loop

ANTENNAS, Outdoor—

see Wire, Antenna

**ANTI-CAPACITY
SWITCHES—**

see Switches, Cam

**ANTIMONY
CRYSTALS—**

see Crystals

**ARMS, Phonograph
Tone—**

see Adapters, Phonograph

**ARRESTERS,
Lightning Indoor**

American Electric Co., 6401 S. State St., Chicago, Ill. "Burns"
Anchor—see Radio Receptor Co.
Barkelaw Electric Mfg Co., Middletown, Ohio
Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.
Branston, Chas. A., 813 Main St., Buffalo, N. Y.
Burns—see American Electric Co.
✓ Delgro Electric Mfg. Co., 11 S. Eighth Ave., New Brunswick, N. J. See advertisement, page 16.
Electrad, Inc., 428 Broadway, New York, N. Y.
✓ Electric Service Supplies Co., 17th & Cambria Sts., Philadelphia, Pa. "Keystone" See advertisement, page 15.
Fleron & Son, M. M., 110 N. Broad St., Trenton, N. J.
Frost, Herbert H., 314 Superior St., Chicago, Ill.
General Electric Co., 1 River Rd., Schenectady, N. Y.
✓ Gray Products, Inc., Poughkeepsie, N. Y. "Little Giant" See advertisement, page 15.
Guardian—see Muter Co.

KEYSTONE RADIO LIGHTNING ARRESTERS

Retail
Price \$1.50

In Canada
\$2.00

Approved by
Underwriters B-1835



**Easily sold whenever you sell
antenna material**

A strong, sturdy, reliable protector required to relieve the antenna system of dangerous accumulations of static or lightning which may result in serious damage. Manufactured by a company having over 34 years' experience in the design of lightning protective apparatus.

The body of this arrester is made of genuine Bakelite, thus providing the very best insulation between antenna and ground with no loss in strength of incoming signals. The rugged discharge electrodes are inside the body, where they are in an absolutely water, dust and damp proof enclosure. All metal parts are of brass.

Write for Discounts

Electric Service Supplies Co.

Mfrs. of nearly two million lightning arresters

PHILADELPHIA NEW YORK CHICAGO
17th and Cambria Sts. 59 Church St. Illinois Merchants
Bank Bldg.

Gray Lightning Arrester

Type 101 Cut Half Size



Underwriters' List No. E-7112

THE LITTLE GIANT ARRESTER

An air-gap type arrester for indoor use. Dust-proof, Fool-proof, Damp-proof.

Attractive and compact. Best materials—bakelite, mica and nickelled brass—all effectively used. Highest quality at low cost. Tested three times—accurate—reliable—permanent. No interference. Sixteen years' successful design behind it.

GUARANTEED

Mounted 25 on a "silent salesman" display card or 25 in individual boxes within a counter box.

And

The Newest Thing in Radio!

The Type 201

Fuse and Clamp

to Protect from A-Battery Fire Risks.

The Fire Underwriters now require that all storage A-battery circuits shall be properly fused. Our new unit provides a spring clamp instantly adjusted to your battery and uses the standard electric light fuse, obtainable anywhere.

Be the FIRST in your territory to handle these!

GRAY PRODUCTS, Inc.
POUGHKEEPSIE, N. Y.

ARRESTERS, Lightning Indoor Continued

Heinemann Electric Co., 1736 N. Fifth St., Philadelphia, Pa. "Sensory"

Jewell Electrical Instrument Co., 1640 Walnut St., Chicago, Ill.

K-E—see Kirkman Engineering Corp.

Keystone—see Electric Service Supplies Co.

Kirkman Engineering Corp., 492 Broome St., New York, N. Y. "K-E."

Little Giant—see Gray Products, Inc.

Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.

Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill. "Guardian"

Parker-Aeolus Corp., 161 Grand St., New York, N. Y.

Philmore Mfg. Co., 105 Chambers St., New York, N. Y.

Prent Air Devices Co., 50 E. 42d St., New York, N. Y.

Radio Receptor Co., 106 Seventh Ave., New York, N. Y. "Anchor"

Sensory—see Heinemann Electric Co.

Shaw, Henry M., 150 Colt St., Newark, N. J.

Shinn Mfg. Co., W. C., 2024 N. Racine St., Chicago, Ill.

Spartan Electric Corp., 99 Chambers St., New York, N. Y.

Swan-Haverstick, Inc., 143 E. State St., Trenton, N. J.

ARRESTERS, Lightning Outdoor

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Anchor—see Radio Receptor Co.

Antenna Insulator Co., 15 Bagley St., Pawtucket, R. I. "Dry Gap"

Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.

Branston, Chas. A., 813 Main St., Buffalo, N. Y.

Circle F Mfg. Co., 10 Prince St., Trenton, N. J. "Little Joe"

Delgro Electric & Mfg. Co., 11 S. Eighth Ave., New Brunswick, N. J. See advertisement, page 16.

Dry Gap—see Antenna Insulator Co.

Electrad, Inc., 428 Broadway, New York, N. Y.

Electric Service Supplies Co., 17th & Cambria Sts. Philadelphia, Pa. "Keystone" See advertisement, page 15.

Essex Mfg. Co., 40 Lawrence St., Newark, N. J. "Sentinal"

Flower, D. E., 1217 Spring Garden St., Philadelphia, Pa.

Guardian—see Muter Co.

Heinemann Electric Co., 1736 N. Fifth St., Philadelphia, Pa. "Sensory"

Jewell Electrical Instrument Co., 1640 Walnut St., Chicago, Ill.

K-A-K-A Radio Co., Bellevue, Pa.

Keystone—see Electric Service Supplies Co.

Little Joe—see Circle F Mfg. Co.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill. "Guardian"

National Electric Specialty Co., 314 S. St. Clair St., Toledo, Ohio "Vac-M"

Parker-Aeolus Corp., 161 Grand St., New York, N. Y. "Anchor"

Radio Receptor Co., 59 Bank St., New York, N. Y. "Anchor"

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Delgro Lightning Arrester

FROM - AERIAL

CONNECT - TO - GROUND

TO - SET

A high grade lightning arrester, made for inside or outside use. These mica air gap type arresters have a porcelain base recessed to hold the electrodes and sealed to make them waterproof. Listed by Underwriters E-7241.

Lightning arrester illustrated. Type 100. List \$7.75. Lead strip arrester. Type 1001. List \$1.00. Window Lead Strip Fabric Insulation Type 101. List \$2.25. Window Lead Strip Rubber Insulation Type 102. List \$4.00. Radio Ground Clamp. Type 204. List \$1.10.

DELGRO ELECTRIC MFG. CO.
115 8TH AVE., NEW BRUNSWICK, NEW JERSEY

ARRESTERS, Lightning Outdoor Continued

- Sensory — see Heinemann Electric Co.
Sentinal—see Essex Mfg. Co.
Shinn Mfg. Co., W. C., 2024 N. Racine St., Chicago Ill.
Simplex Radio Co., 1013 Ridge Ave., Philadelphia, Pa.
Spartan Electric Corp., 99 Chambers St., New York, N. Y.
✓Teleradio Engineering Corp., 490 Broome St., New York, N. Y. Cataloged on page 152.
Vac-M—see National Electric Specialty Co.
Wirt Co., 5221 Greene St., Philadelphia, Pa.

ASBESTOS, Sheet

- Ambesco—see American Asbestos Co.
Ambler — see Kearsbey & Mattison Co.
American Asbestos Co., Norristown, Pa. "Ambesco"
J-M—see Johns-Manville, Inc.
Johns-Manville, Inc., 296 Madison Ave., New York, N. Y. "J-M"
Kearsbey & Mattison Co., Ambler, Pa. "Ambler"

ASSEMBLIES, Battery Wiring—

see Cables, Multiple Battery

ATTACHMENTS, Phonograph—

see Adapters, Phonograph also Units, Loud Speaker

ATTACHMENTS, Vernier

For Vernier Dials—see Dials, Vernier

- A. C. H.—see Haydon Radio & Research Co.
Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio. "Green Seal"
Ajax—see Philmore Mfg. Co.
✓Alden Manufacturing Co., Dept. D-6, Springfield, Mass. "Na-ald" Cataloged on page 145.
Amsco Products, Inc., 416 Broome St., New York, N. Y.
✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
Eloc Radio Corp., 88 E. Kinney St., Newark, N. J.
Fiddlestick — see Jones, Howard B.
Fleron & Son, M. M., 110 N. Broad St., Trenton, N. J.
Green Seal — see Air-Way Electric Appliance Corp.
Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
Haydon Radio & Research Co., A. C., Brockton, Mass. "A. C. H."
H & H—see Hart & Hegeman, Mfg. Co.
Imperial Electric Mfg. Co., 58 Columbia St., Newark, N. J.
✓Jones, Howard B., 618 S. Canal St., Chicago, Ill. "Fiddlestick" See advertisement, page 101.
Magnus Electric & Radio Mfg. Corp., 787 E. 138th St. New York, N. Y.
Manufacturers & Inventors Electric Co., 228 W. Broadway, New York, N. Y. "Microtor"
Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"
Microtor—see Manufacturers & Inventors Electric Co.
Muzada — see Mazda Radio Mfg. Co.
Na-ald—see Alden Manufacturing Co.

- New York Coil Co., 338 Pearl St., New York, N. Y.
Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
Q-R—see Robinson Specialty Co.
Radio Sales Co., 249 W. 34th St., New York, N. Y. "Rit-One"
Radio Specialty Co., 98 Park Pl., New York, N. Y. "Rasco"
Rasco—see Radio Specialty Co.
Rit-One—see Radio Sales Co.
Robinson Specialty Co., 18 Walnut St., Keyport, N. J. "Q-R"
Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.
Union Radio Corp., 124 Sussex Ave., Newark, N. J.
Walwart Electric Mfg. Co., 308 Green St., Chicago, Ill.

AUDIO AMPLIFIERS—

see Amplifiers, Audio

AUDIO FREQUENCY AMPLIFIERS—

see Amplifiers, Audio

AUDIO FREQUENCY RESISTORS—

see Resistors, Audio Frequency

AUDIO FREQUENCY TRANSFORMERS—

see Transformers, Audio

AUTOMATIC ANTENNA SWITCHES—

see Relays, Cut-In

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

AUTOMATIC CLOCK SWITCHES—
see Switches, Automatic Clock

AUTOMATIC CODE TRANSMITTERS—
see Transmitters, Automatic Code

AUTOMATIC SCREW MACHINE PRODUCTS—
see Screw Machine Products, Automatic

AUTOMATIC TIME SWITCHES—
see Switches, Automatic Clock

B BATTERIES—
see Batteries, B Dry
also Batteries, B Storage

B BATTERY CHARGERS—
see Rectifiers, Bulb
also Rectifiers, Electrolytic
also Rectifiers, Motor Generator
also Rectifiers, Vibrator

B BATTERY ELIMINATOR KITS—
see Rectifiers, Knockdown Plate Current Supply

B BATTERY TEST TUBES—
see Tubes, Glass Test

BABY KNIFE SWITCHES—
see Switches, Baby Knife

BANDS, Head
Autoyre Co., Main St., Oakville, Conn.
Fischer Spring Co., Chas., 240 Kent Ave., Brooklyn, N. Y.

BAR SOLDER—
see Solder, Bar

BASES, Antenna Pole—
see Fittings, Iron Antenna Pole

BATTERIES, A Dry
Ace—see Carbon Products Co.
Addwater—see Burn-Boston Battery & Mfg. Works.
Blue Streak Radio Co., 53 W. Jackson Blvd., Chicago, Ill.
Bright Star Battery Co., 15th St. & River Head, Hoboken, N. J.
Burgess Battery Co., 111 W. Monroe St., Chicago, Ill.
Burn-Boston Battery & Mfg. Works, 80 Boylston St., Boston, Mass. "Addwater"
Carbon Products Co., Lancaster, Ohio "Ace"
Champion Carbon Mfg. Co., First N. tl. Bank Bldg., Cincinnati, Ohio
Coast Dry Battery Co., 1327 Rainier Ave., Seattle, Wash., "Whiz"
Columbia—see National Carbon Co.

✓Diamond Electric Specialties Corp., 101 S. Orange Ave., Newark, N. J. See advertisement, page 22.

Du-Al—see Twin Dry Cell Battery Co.
Eveready—see National Carbon Co.

French Battery Co., Madison, Wis. "Ray-O-Vac"

Hipco—see Hipwell Mfg. Co.
Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa. "Hipco"

Manhattan Electrical Supply Co., 17 Park Pl., New York, N. Y. "Red Seal"
Marathon Battery Co., Wausau, Wis.

Maximite—see Wireless Dry Cells, Ltd.

Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.

National Carbon Co., 30 E. 42d St., New York, N. Y. "Eveready" "Columbia"

Niagara Sales Corp., 3 Waverly Pl., New York, N. Y. (Sole Distributors for Niagara Searchlight Co., Niagara Falls, N. Y.)
Niagara Searchlight Co.—see Niagara Sales Corp.

Novo Mfg. Co., 254 W. 47th St., New York, N. Y.

Ray-O-Vac—see French Battery Co.

Red Seal—see Manhattan Electrical Supply Co.

Reliance—see Wireless Dry Cells, Ltd.

Revivo Battery Corp., Garfield, N. J.

Stuart Products Corp., 663 W. Washington Blvd., Chicago, Ill.

Twin Dry Cell Battery Co., 11400 Madison Ave., W., Cleveland, Ohio "Du-Al"

Whiz—see Coast Dry Battery Co.

Wireless Dry Cells, Ltd., 904 Buffalo Ave., Niagara Falls, N. Y. "Maximite" "Reliance"

✓Yale Electric Corp., Brooklyn, N. Y. See advertisements, pages 18 and 21.

BATTERIES, A Storage
Advance Battery Mfg. Co., 227 E. Lee St., Louisville, Ky. "Powerfield"
Aladdin—see Henderson Battery Co.

American Storage Battery Co., 326 Newbury St., Boston, Mass. "Harvard"

Am-Plus Storage Battery Co., 425 W. Superior St., Chicago, Ill.

Apollo Battery Co., S. Third St., Apollo, Pa.

Arco Battery & Plate Co., Fort Wayne, Ind.

Aristocrat—see Star Storage Battery Co.

Baldwin Battery & Electrical Shop, Baldwin, Mich.

Ballard Storage Battery Co., 525 Seventh Ave., Beaver Falls, Pa.

Banco—see Bancroft Bros.

Bancroft Bros., 10 Fifth Ave., Cortland, N. Y. "Banco"

Bartholomew Battery & Supply Co., Beethoven Ave. & Morganford Rd., St. Louis, Mo. "Sphinx"

Bear State Battery & Equipment Co., 1244 San Fernando Rd., Los Angeles, Cal.

Bong Battery Corp., 3264 W. Grand Ave., Chicago, Ill.

Buckeye Electric Manufacturers, South Silver Leaf St., Gladwin, Mich.

Camel—see Campbell Electric Co.

Campbell Electric Co., 1529 Wyandotte St., Kansas City, Mo. "Camel"

Carlile & Doughty, 2530 N. Broad St., Philadelphia, Pa.

Champion—see MacRae, Hector C.

Cincinnati Storage Battery Co., 3301 Colerain Ave., Cincinnati, Ohio

Cole Battery Sales Corp., 2435 Indiana Ave., Chicago, Ill.

Continental Battery Co., 3215 Papin St., St. Louis, Mo.

Cooper Corp., Cincinnati, Ohio "Rub-Mika"

D-G Storage Battery Co., 2029 Indiana Ave., Chicago, Ill.



YALE

"A"

BATTERY

Here's a money maker for you!

Yale Radio Storage Batteries not only have a most attractive exterior, but have the high standard of Yale Quality built into each and every one of them.

Each Yale battery is made up in a hard rubber case with substantial bail handle. Packed in a dustproof container.

Write for the merchandising plan which will increase your turnover on a minimum investment.

Yale Electric Corporation
Brooklyn, N. Y.

Chicago San Francisco

Jelly Battery Co., 3100 S. Figueroa St., Los Angeles, Cal.

✓Joyce Bros., 71 Chestnut St., Boston, Mass.—See advertisement, page 19.

Jumbo — see Primary Mfg. Corp.

Kalb Electric & Mfg. Co., 7323 Manchester Ave., St. Louis, Mo. "Keco"

Keco — see Kalb Electric & Mfg. Co.

Kelly Battery Corp., 729 Granby St., Norfolk, Va.

Kelman Electric Co., 470 Main St. E., Rochester, N. Y.

LanSing—see United Engine Co.

Liberty Battery Co., 4241 Armitage Ave., Chicago, Ill.

Lion Battery Mfg. Corp., 116 W. Brookline St., Boston, Mass.

Lithide Battery Co., First National Bank Bldg., Connessville, Pa.

Lyons Storage Battery Co., 2525 N. Broad St., Philadelphia, Pa.

McLean Storage Battery Co., 500 Prospect Ave., Cleveland, Ohio

MacRae, Hector C., 314 St. Paul St., Baltimore, Md. "Champion"

Marko Storage Battery Co., 1402 Atlantic Ave., Brooklyn, N. Y.

Martin Radio & Electric Co., 130 W. 57th St., New York, N. Y. "Packard"

Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"

Merrimac Battery Plate Co., Seventh St. Rd. & Berry Blvd., Louisville, Ky.

Mid-West Storage Battery Co., 362 W. 16th Pl., Indianapolis, Ind.

Mitchell Battery & Tire Co., 1209 W. Lake St., Minneapolis, Minn.

Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.

Muzada — see Mazda Radio Mfg. Co.

National Carbon Co., 30 E. 42d St., New York, N. Y. "Eveready"

National Lead Battery Co., 1704 Roblyn Ave., St. Paul, Minn.

National Utility Battery Co., Mt. Prospect, Ill. "Utility"

Neldich Mfg. Corp., 1450 Flushing Ave., Brooklyn, N. Y.

Nu-Era—see Jefferson Mfg. Co.

Oxidite Battery Co., 1485 Marshall Ave., St. Paul, Minn.

Packard—See Martin Radio & Electric Co.

✓Perrine Quality Products Corp., Cummington St., Boston, Mass. See advertisement, page 20.

BATTERIES, A Storage Continued

Dixie Storage Battery Co., 1412 W. Lafayette Ave., Baltimore, Md.

Dragon — see Englert Mfg. Co.

Edison Storage Battery Co., Orange, N. J.

Electric Storage Battery Co., Alleghany Ave. & 19th St., Philadelphia, Pa. "Exide"

Empire Electric Mfg. Co., 25 Juneau Ave., Milwaukee, Wis.

Englert Mfg. Co., S. 25th & Jane Sts., Pittsburgh, Pa. "Dragon"

Eveready—see National Carbon Co.

Exide—see Electric Storage Battery Co.

Firedry Battery Co., 1022 E. 75th St., Chicago, Ill.

Fontana Bros. Battery Co., 1166 Columbus Ave., Springfield, Mass.

Forest City Sales Co., 1400 W. 25th St., Cleveland Ohio

Fort Wayne Battery Mfg. Co., 230 E. Fourth St., Fort Wayne, Ind.

Franklin Storage Battery Co., 2901 W. Jackson Blvd., Chicago, Ill.

General Battery & Supply Co., East Moline, Ill.

General Lead Batteries Co., 4 Lister Ave., Newark, N. J. "Titan"

General Sales & Service Co., Moline, Ill.

General Storage Battery Co., 2005 Locust St., St. Louis, Mo.

Gilbert Battery Co., 138 Fayerweather St., Bridgeport, Conn.

Gill Storage Battery Co., 937 Third Ave., San Bernardino, Cal.

Globe Electric Co., 658 Stinson Blvd. N. E., Milwaukee, Wis.

Gould Storage Battery Co., 250 Park Ave., New York, N. Y.

Grant Storage Battery Co., 116 N. Second St., Minneapolis, Minn.

Grier-Sutherland Co., 443 E. Larned St., Detroit, Mich.

Hartford Battery Mfg. Co., Milldale, Conn.

Harvard — see American Storage Battery Co.

Hazelett Storage Battery Co., 2133 Columbus Rd., Cleveland, Ohio

Heissler Storage Battery Co., 2450 Calumet Ave., Chicago, Ill.

Henderson Battery Co., 232 W. Sprague St., Spokane, Wash. "Aladdin"

Hobbs Storage Battery Co., 2019 Bay St., Los Angeles, Cal.

Jefferson Mfg. Co., Jefferson, Wis. "Nu-Era"

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Live sellers right now!

These exclusive features mean new big sales—

Radio storage batteries with these new and exclusive features are bound to attract a lot of favorable attention and stimulate battery sales immediately.

The dealers who display them now will benefit first and most, of course.

These storage batteries have been tested and endorsed by many of the leading technical experts. Due to their construction they cannot short-circuit, shed material nor buckle. They are unconditionally guaranteed for one year.

The Wonder Cell. This battery replaces the dry cell. Is 2 volts, 12,000 MA. Lists at \$1.50.



This battery is 4 volts, 12,000 MA for UV 199 tubes. Lists at \$4.00.



This battery is 6 volts for TV 201A for one and two tube sets. Can also be used for larger sets if a turtle charger is used. List at \$4.50.



This charger recharges all type "B" Batteries. Lists at \$2.00.



**Introductory offer to dealers—
50% discount**

Buy your sample order from us. Buy your stock order from your jobber.

The Joyce Bros. Wonder Cell has been patented in America and Europe.

Distributors, Jobbers, Dealers. Write for details.

Factory Representatives of Joyce Bros. Products:

Wm. H. Kreeb, 2505 Union Central Bldg., Cincinnati, Ohio.
Leonard C. Kohn-Noah Co., 917 Phoenix Bldg., Minneapolis, Minn., Leonard-Kohn Co., 625 Security Bldg., Omaha, Neb.
Strimple & Gillette, 169 Jackson Street, Seattle, Wash.
Brown, Ft. Smith, Arkansas. Park Co., 128 No. Wells St., Chicago, Ill. William Reed Sales Co., 308 E. 17th St., Kansas City, Missouri. L. C. Kohn-Noah Co., 801 Somerset Building, Winnipeg, Canada. I. D. Livingston, 1529 Hutchinson St., Montreal, Canada.

New Joyce Products!

Wonder Cell Filter Circuit

Can be used in conjunction with Bakelite, Tungar, and Rectigon Chargers from 2½ amp. to 5 amps. capacity.

Designed for use with any of the standard rectifiers and smooths out the rectifier current and therefore allows the operation of radio tubes direct from lighting circuit without any humming noises. Approximate dimensions 6½ x 7½ high. Solves the problem of electric radio. List \$19.00.



Trickle Charger

Full Wave Trickle Chargers for charging Joyce Bros. Wonder Cells or other low capacity storage batteries. Can be hooked up to the electric light socket while set is in operation. List \$10.00



Joyce Bros. A Eliminator

Noiseless, Humless. Simple—attach to electric light socket and forget about it. Runs Radio Sets 4 to 12 tubes. Inexpensive to operate. It is the last word in Radio Electric Sets. Made to fit all type sets. List \$40.00.



Joyce Bros. Power Unit Type U V 201 A & U V 199

Hooks up to light socket and electrifies your set. Simple. Noiseless and neat. No fuss. No recharging. Simply turn switch. List \$19.50.



JOYCE BROS. 71 Chestnut St., Boston, Mass., U. S. A.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

PERRINE
QUALITY
 BATTERIES

For Radio Use



Manufactured by
Perrine Quality Products Corp.
 Cummington St., Boston

Manufacturers

are earnestly requested to notify us at once of any new products so that they may be correctly listed in

The Radio Trade Directory

— without charge, of course.

THE RADIO TRADE DIRECTORY

Tenth Avenue at 36th Street
 New York City

BATTERIES, A Storage Continued

- Philadelphia Storage Battery Co., Ontario & C Sts., Philadelphia, Pa. "Philco"
- Philco — see Philadelphia Storage Battery Co.
- Pioneer Storage Battery Co., Broad & Brandywine Sts., Philadelphia, Pa.
- Powerfield—see Advance Battery Mfg. Co.
- Prest-O-Lite Co., (Speedway) Indianapolis, Ind.
- Primary Mfg. Corp., 87 Mercer St., New York, N. Y. "Jumbo"
- Puckett Storage Battery Co., Elgin, Tex.
- Rabat—see Radio Rabat Co.
- Radio Rabat Co., 1758 St. Clair Ave., Cleveland, Ohio "Rabat"
- Radio-Rub Storage Battery Corp., 2012 Locust Ave., St. Louis, Mo.
- Radium Storage Battery Co., 800 Federal St., Saginaw, Mich.
- Rechargo Mfg. Co., Dayton, Ohio
- Royco — see Royal Radio Products Co.
- ✓Royal Radio Products Co., 628 Callowhill St., Philadelphia, Pa. "Royco" See advertisement, page 183.
- Rub-Mika—see Cooper Corp.
- Sency Electrical & Battery Works, Coldwater, Mich.
- Service Battery Co., 704 E. 102d St., Cleveland, Ohio
- Signal Battery Corp., 1515 Gardena Ave., Glendale, Cal.
- Silvey Electric Co., 10 S. Canal St., Dayton, Ohio
- S. O. S.—See Victor Storage Battery Co.
- Sphinx — see Bartholomew Battery & Supply Co.
- Standard Battery Mfg. Co., 1103 N. Main St., Fort Worth, Texas
- Star Storage Battery Co., 311 Jefferson Ave., Muncie, Ind. "Aristocrat"
- Starr Storage Battery Co., 260 N. 15th St., Philadelphia, Pa.
- Stewart Battery Co., 125 N. Peoria St., Chicago, Ill.
- Storad Mfg. Co., 2108 Superior Viaduct, N. W., Cleveland, Ohio
- Sturges Multiple Battery Corp., Van Wyck Ave. & L. I. R. R., Jamaica, L. I., N. Y.
- Super Battery Co., 729 Broadway, Denver, Colo.
- Super-Plus—see Newhouse Storage Battery Co.
- Superior Battery Mfg. Co., 107 S. Seventh St., St. Louis, Mo.
- Superior Storage Battery Co., Kansas Ave. & Fifth St., Kansas City, Mo.
- Thomas Battery Corp., 511 W. 50th St., New York, N. Y.
- Thor—see Thornton & Everest, 1216 S. Olive St., Los Angeles, Cal. "Thor"
- Titan — see General Lead Batteries Co.
- Tufts, W. & G., 333 Newbury St., Boston, Mass.
- United Engine Co., 719 E. St. Joseph St., Lansing, Mich. "LanSing"
- U. S. Battery Co., Main Ave., Passaic, N. J.
- U S L—see U. S. Light & Heat Corp.
- U. S. Light & Heat Corp., 3215 Highland Ave., Niagara Falls, N. Y. "U S L"
- Universal Battery Co., 3410 S. La Salle St., Chicago, Ill.
- Utility—see National Utility Battery Co.
- Vesta Battery Corp., 2100 Indiana Ave., Chicago, Ill.
- Victor Storage Battery Co., Rock Island, Ill. "S. O. S."
- Weber Battery Co., 3332 Jackson Blvd., Chicago, Ill.
- Western Cable & Light Co., Baldwin, Wis.
- Westinghouse Union Battery Co., Swissvale, Pa.
- Wheeling Battery & Mfg. Co., Elm Grove, Wheeling, W. Va.
- Willard Storage Battery Co., 246 E. 131st St., Cleveland, Ohio
- Witherbee Storage Battery Co., 2 W. 61st St., New York, N. Y.
- World Battery Co., 1219 S. Wabash Ave., Chicago, Ill.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**DIAMOND
B
BATTERIES**

Dealers—

find Diamond "B" Batteries a profitable item. They sell on merit—they repeat because they give

60% Greater Endurance

and best of all—they cost no more.



*Write for Dealer
proposition*

**DIAMOND
ELECTRIC
SPECIALTIES
CORPORATION**

101 S. Orange Ave.
Newark, N. J.

A SURE BET

The "Hawley" 22½ volt un-acid everlasting rechargeable "B" storage battery \$2.95 list. Includes chemicals. 90 volts, \$10 list. Other and larger sizes. Sold for over 3 years on a non-red-tape 30-day trial refund with a further guarantee of 2 years. Complete ready to run "B" battery charger \$2.75 list. Ask about the "Hawley" franchise giving exclusive and protected territory. The "Hawley" is backed by an aggressive advertising campaign in over 12 national radio publications. The "Hawley" is getting the business—you can by getting in on the ground floor. Free literature, same day service and friendly relations will make it worth your while.

B. H. SMITH

39 Washington Ave., Danbury, Conn.

BATTERIES, B Dry Continued

- Kerton — see International Battery Co.
- Kleartone — see Twin Dry Cell Battery Co.
- Kwik-lite — see Usona Mfg. Co.
- Liberty Battery Co., 127 E. Eighth St., Cincinnati, Ohio
- Marathon Battery Co., Wausau, Wis.
- Maximite — see Wireless Dry Cells, Ltd.
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.
- National Carbon Co., 30 E. 42d St., New York, N. Y. "Eveready"
- ✓ National Electric Novelty Co., 403-07 Broome St., New York, N. Y. "Nenco" See advertisement, page 23.
- National Utility Battery Co., Mt. Prospect, Ill. "Utility"
- Nenco—see National Electric Novelty Co.
- Niagara Sales Corp., 3 Waverly Pl., New York, N. Y. (Sole Distributors for Niagara Searchlight Co., Niagara Falls, N. Y.)
- Niagara Searchlight Co.—see Niagara Sales Corp.
- Novo Mfg. Co., 254 W. 47th St., New York, N. Y.
- Queenbee—see Volton Battery Co.
- Ray-O-Vac—see French Battery Co.
- Revivo Battery Corp., Garfield, N. J.
- Spee Dee Specialty Co., 271 Canal St., New York, N. Y. "Hercules"
- Standard Electric Novelty Co., 19 Bond St., New York, N. Y. "Cyclone"
- Stuart Products Corp., 663 W. Washington Blvd., Chicago, Ill.
- Sturges Multiple Battery Corp., Van Wyck Ave. & L.I.R.R., Jamaica, L. I., N. Y.
- Success Electric Novelty Co., 31 Broadway, Brooklyn, N. Y.
- Sunlight Battery Co., 83 Wooster St., New York, N. Y.
- Twin Dry Cell Battery Co., 11400 Madison Ave., W., Cleveland, Ohio "Kleartone"
- Underwood Battery Co., 1250 Ontario St., Cleveland, Ohio.
- Usona Mfg. Co., 103 E. 125th St., New York, N. Y. "Kwik-lite"
- Utility—see National Utility Battery Co.
- ✓ Volton Battery Co., 21 Hopkins St., Brooklyn, N. Y. "Queenbee" "Volton" See advertisement, page 21.
- Whiz—see Coast Dry Battery Co.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

The RADIO TRADE DIRECTORY'S

List of Wholesalers

gives the names of all concerns whose Radio business is 50% or more wholesale.

Names of Managers and Buyers, territory covered, number of men traveled, amount of stock carried and much other pertinent data is also given.

It will help you solve your jobber problems.

*Further particulars
will gladly be furnished
on request.*

The Radio Trade Directory

Tenth Ave. at 36th St., New York

NENCO

'B' BATTERIES



Last Longer—
Serve Better

O

ONLY the best materials are used in compounding "Nenco" Batteries which are again purified in our Laboratory, thus assuring a battery of maximum service while in use and greatest recuperative powers when idle. Our Batteries carry an Unconditional Shelf Life Guarantee. We also manufacture batteries with your own label.

Dealers—Write for Prices and Discounts

NATIONAL ELECTRIC NOVELTY CO.

403-407 BROOME STREET, NEW YORK

BATTERIES, B Dry Continued

- Winchester Repeating Arms Co., New Haven, Conn.
- Wireless Dry Cells, Ltd., 904 Buffalo Ave., Niagara Falls, N. Y. "Maximite"
- Wizard Battery Corp., 381 N. Main St., Pawtucket, R. I. "Aristocrat"
- ✓ Yale Electric Corp., Brooklyn, N. Y. See advertisements, pages 18 and 21.

BATTERIES, B Storage

- Aladdin—see Henderson Battery Co.
- American Battery Co., 2053 N. Racine Ave., Chicago, Ill.
- Angelus B Battery Co., 1343 S. Hill St., Los Angeles, Cal.
- Baldwin Battery & Electrical Shop, Baldwin, Mich.
- Ballard Storage Battery Co., 525 Seventh Ave., Beaver Falls, Pa.
- Banco—see Bancroft Bros.
- Bancroft Bros., 10 Fifth Ave., Cortland, N. Y. "Banco"
- Bartholomew Battery & Supply Co., Beethoven Ave. & Morganford Rd., St. Louis, Mo. "Sphinx"

- Bear State Battery Equipment Co., 1244 San Fernando Rd., Los Angeles, Cal.
- Beehive — see Brinker - Van Cleef Corp.
- Bong Battery Corp., 3264 W. Grand Ave., Chicago, Ill.
- Brant Battery Co., 1622 W. 16th St., Los Angeles, Cal.
- Brinker-Van Cleef Corp., 223 W. 80th St., New York, N. Y. "Beehive"
- Camel — see Campbell Electric Co.
- Campbell Electric Co., 1529 Wyandotte St., Kansas City, Mo. "Camel"
- Carlile & Doughty, 2530 N. Broad St., Philadelphia, Pa.
- Cincinnati Storage Battery Co., 3301 Colerain Ave., Cincinnati, Ohio
- Clear tune B Battery Co., 178 Varick St., New York, N.Y.
- Cole Battery Sales Corp., 2435 Indiana Ave., Chicago, Ill.
- Cooper Corp., Cincinnati, Ohio "Rub-Mika"
- D. A. Radio Co., 30 Hollister St., Buffalo, N. Y.
- D-G Storage Battery Co., 2029 Indiana Ave., Chicago, Ill.
- Dragon — see Englert Mfg. Co.

- Durkee-Thomas Products Co., 1228 Folsom St., San Francisco, Cal. "Super-Dutho"
- Eaco — see Economic Appliance Co.
- Economic Appliance Co., Irwin, Pa. "Eaco"
- Edison Storage Battery Co., Orange, N. J.
- Electric Storage Battery Co., Alleghany Ave., & 19th St., Philadelphia, Pa. "Exide"
- Endurance—see Gray Electro Chemical Laboratories
- Englert Mfg. Co., S., 25th & Jane Sts., Pittsburgh, Pa. "Dragon"
- Everbest Battery Co., 208 Wooster St., New York, N. Y.
- Exide—see Electric Storage Battery Co.
- Federal Battery Co., 1509 S. Michigan Ave., Chicago, Ill.
- Firedry Storage Battery Co., 1022 E. 75th St., Chicago, Ill.
- Fontana Bros. Battery Co., 1166 Columbus Ave., Springfield, Mass.
- Forbes — see Hearwell Electric Co.
- Forest City Sales Co., 1400 W. 25th St., Cleveland, Ohio
- Fort Wayne Battery Mfg. Co., 230 E. Fourth St., Fort Wayne, Ind.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

BATTERIES, B Storage Continued

- Franklin Storage Battery Co., 2901 W. Jackson Blvd., Chicago, Ill.
- Gardner Ignition Co., 4522 Detroit Ave., Cleveland, Ohio
- General Battery & Supply Co., East Moline, Ill.
- General Lead Batteries Co., 4 Lister Ave., Newark, N. J. "Titan."
- General Sales & Service Co., Moline, Ill.
- Gilbert Battery Co., 138 Payenweather St., Bridgeport, Conn.
- Globe Electric Co., 658 Stinson Blvd., N. E., Milwaukee, Wis.
- Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.
- Gould Storage Battery Co., 250 Park Ave., New York, N. Y.
- Grant Storage Battery Co., 116 N. Second St., Minneapolis, Minn.
- Gray Electro Chemical Laboratories, 11 W. 20th St., Bayonne, N. J. "Endurance"
- Graynie Corp., 323 W. Jackson Blvd., Chicago, Ill.
- Grier-Sutherland Co., 443 E. Larned St., Detroit, Mich.
- Hartford Battery Mfg. Co., Milldale, Conn.
- Hawley—see Smith, B. H.
- Hazelett Storage Battery Co., 2133 Columbus Rd., Cleveland, Ohio
- Hearwell Electric Co., 53 Devonshire St., Boston, Mass. "Forbes"
- Heissler Storage Battery Co., 2450 Calumet Ave., Chicago, Ill.
- Henderson Battery Co., 232 Sprague St., Spokane, Wash. "Aladdin"
- Ideal Battery Mfg. Co., 233 N. Market St., Huntington, Ind. "Tip-Top"
- Jefferson Mfg. Co., Jefferson, Wis. "Nu-Era"
- Jelly Battery Co., 3100 S. Figueroa St., Los Angeles, Cal.
- ✓Joyce Bros., 71 Chestnut St., Boston, Mass. See advertisement, page 19.
- Kelly Battery Corp., 729 Granby St., Norfolk, Va.
- Kelman Electric Co., 470 Main St. E., Rochester, N. Y.
- Kic-o—see Kimley Electric Co.
- Kimley Electric Co., 2665 Main St., Buffalo, N. Y. "Kic-o"
- Kismet—see Radio Telephone & Telegraph Corp.
- Lane Mfg. Co., 2941 W. Lake St., Chicago, Ill. "Pepo"
- Liberty Battery Co., 4241 Armitage Ave., Chicago, Ill.
- Lion Battery Mfg. Corp., 116 N. Brookline St., Boston, Mass.
- Lyons Storage Battery Co., 2525 N. Broad St., Philadelphia, Pa.
- McKinney Co., E. A., 913 Cypress Ave., Santa Ana, Cal. "Macs"
- McLean Storage Battery Co., 500 Prospect Ave., Cleveland, Ohio
- Macs—see McKinney Co.
- Main Radio Batteries, 7016 Euclid Ave., Cleveland, Ohio
- Marcuson, E., 19 Madison Ave., New York, N. Y.
- Marko Storage Battery Co., 1402 Atlantic Ave., Brooklyn, N. Y.
- National Lead Battery Co., 1704 Roblyn Ave., St. Paul, Minn.
- New York Pacific Battery Co., 646 W. Washington St., Los Angeles, Cal.
- Nu-Era—see Jefferson Mfg. Co.
- Nu-Seal—see Universal Battery Co.
- Oxidite Battery Co., 1485 Marshall Ave., St. Paul, Minn.
- Pepo—see Lane Mfg. Co.
- ✓Perrine Quality Products Corp., Cummington St., Boston, Mass. See advertisement, page 20.
- Philadelphia Storage Battery Co., Ontario & C Sts., Philadelphia, Pa., "Philco"
- Philco — see Philadelphia Storage Battery Co.
- Prest-O-Lite Co., (Speedway) Indianapolis, Ind.
- Queenbee—see Volton Battery Co.
- Rabat—see Radio Rabat Co.
- Radio Rabat Co., 1758 St. Clair Ave., Cleveland, Ohio "Rabat"
- Radio-Rubr Storage Battery Corp., 2012 Locust St., St. Louis, Mo.
- Radio Telephone & Telegraph Corp., 25 W. 45th St., New York, N. Y. "Kismet"
- Roberts "B" Battery Co., 1120 Myrtle Ave., Brooklyn, N. Y.
- Royal B Battery Co., 124 W. 34th St., New York, N. Y.
- Rub-Mika—see Cooper Corp.
- See-Jay Battery Co., 915 Brook Ave., New York, N. Y.
- Service Battery Co., 704 E. 102d St., Cleveland, Ohio
- Silvey Electric Co., 10 S. Canal St., Dayton, Ohio
- ✓Smith, B. H., 39 Washington Ave., Danbury, Conn. "Hawley." See advertisement, page 22.
- Sphinx — see Bartholomew Battery & Supply Co.
- Star Storage Battery Co., 311 N. Jefferson St., Muncie, Ind.
- Stewart Battery Co., 125 N. Peoria St., Chicago, Ill.
- Storad Mfg. Co., 2108 Superior Viaduct, N. W., Cleveland, Ohio.
- Super-Dutho — see Durkee-Thomas Products Co.
- Superior Storage Battery Co., Kansas Ave. & Fifth St., Kansas City, Mo.
- Syd Radio Storage "B" Battery Co., 1452 S. Wabash Ave., Chicago, Ill.
- Thor — see Thornton & Everest.
- Thornton & Everest, 1216 S. Olive St., Los Angeles, Cal. "Thor"
- Tip-Top—see Ideal Battery Mfg. Co.
- Titan — see General Lead Batteries Co.
- U S L—see U. S. Light & Heat Corp.
- U. S. Light & Heat Corp., 3215 Highland Ave., Niagara Falls, N. Y. "U S L"
- Universal Battery Co., 3410 S. La Salle St., Chicago, Ill. "Nu-Seal"
- Vesta Battery Corp., 2100 Indiana Ave., Chicago, Ill.
- Volton Battery Co., 21 Hopkins St., Brooklyn, N. Y. "Queenbee"
- Western Cable & Light Co., Baldwin, Wis.
- Western Battery & Supply Co., 12th & Lincoln Sts., Denver, Colo. "Westric"
- Westinghouse Union Battery Co., Swissvale, Pa.
- Westric — see Western Battery & Supply Co.
- Wheeling Battery & Mfg. Co., Elm Grove, Wheeling, W. Va.
- Willard Storage Battery Co., 246 E. 131st St., Cleveland, Ohio
- World Battery Co., 1219 S. Wabash Ave., Chicago, Ill.
- Yale Storage Battery Co., Indianapolis, Ind.
- Zeid, J., 530 Callowhill St., Philadelphia, Pa.

BATTERIES, C Dry

- A. B. C.—see Advance Battery Corp.
- Ace—see Carbon Products Co.
- Addwater — see Burn-Boston Battery & Mfg. Works.
- Advance Battery Corp., 68 Jay St., Brooklyn, N. Y. "A. B. C."
- Bright Star Battery Co., 15th St. & River Head, Hoboken, N. J.
- Burgess Battery Co., 111 W. Monroe St., Chicago, Ill.
- Burn-Boston Battery & Mfg. Works, 80 Boylston St., Boston, Mass. "Addwater"
- Carbon Products Co., Lancaster, Ohio "Ace"
- Champion Carbon Mfg. Co., First National Bank Bldg., Cincinnati, Ohio

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

**BATTERIES, C Dry
Continued**

Clover Battery Corp., 68 Jay St., Brooklyn, N. Y.
Comet Battery Co., 5100 Superior Ave., Cleveland, Ohio

Cyclone—see Standard Electric Novelty Co.

✓Diamond Electric Specialties Corp., 101 S. Orange Ave., Newark, N. J. See advertisement, page 22.

Enco Electric Novelty Co., 603 W. 130th St., New York, N. Y.

Eveready—see National Carbon Co.

French Battery Co., Madison, Wis. "Ray-O-Vac"

Hipco—see Hipwell Mfg. Co.
Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa. "Hipco"

International Battery Co., 139 Spring St., New York, N. Y. "Kerton"

Kerton — see International Battery Co.

Kwik-lite—see Usona Mfg. Co.

Lenz Gyro-O-Cel—see Permanco Mfg. Corp.

Marathon Battery Co., Wausaw, Wis.

Maximite—see Wireless Dry Cells, Ltd.

Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.

National Carbon Co., 30 E. 42d St., New York, N. Y. "Eveready"

✓National Electric Novelty Co., 403-07 Broome St., New York, N. Y. "Nenco" See advertisement, page 23.

Nenco—See National Electric Novelty Co.

Niagara Sales Corp., 3 Waverly Pl., New York, N. Y. (Sole Distributors for Niagara Searchlight Co., Niagara Falls, N. Y.)

Niagara Searchlight Co.—see Niagara Sales Corp.

✓Permanco Mfg. Corp., 814-16 Prospect Ave., Brooklyn, N. Y. "Lenz Gyro-O-Cel" See advertisement, page 89.

Queenbee—see Volton Battery Co.

Ray-O-Vac—see French Battery Co.

Standard Electric Novelty Co., 19 Bond St., New York, N. Y. "Cyclone"

Stuart Products Corp., 663 W. Washington Blvd., Chicago, Ill.

Sturges Multiple Battery Corp., Van Wyck Ave. & L. I. R.R., Jamaica, L. I., N. Y.

Success Electric Novelty Co., 31 Broadway, Brooklyn, N. Y.

Sunlight Battery Co., 83 Wooster St., New York, N. Y.

Usona Mfg. Co., 103 E. 125th St., New York, N. Y. "Kwik-lite"

The Wilson "B" Radiopower Unit



Patents Pending

List Price \$35

A DEPENDABLE and economical plate current supply. Absolutely no hum during operation.

This unit consists of a dry storage battery, together with a trickle charger attachment, built into a handsomely finished walnut case. Requires no attention from operator after installation. No acid to spill. No moving parts to get out of order. Incorporates all the good points of wet "B" batteries with none of their disadvantages. Will not deteriorate either in or out of service. Write for details.

We also manufacture the Andrews Paddlewheel Coil and Duo-Spiral Folding Loop.

Radio Units Inc.

1316 First Ave., Maywood, Ill.
Perkins Electric, Ltd., Montreal, Toronto, Winnipeg

✓Volton Battery Co., 21 Hopkins St., Brooklyn, N. Y. "Queenbee" "Volton." See advertisement, page 21.
Winchester Repeating Arms Co., New Haven, Conn.
Wireless Dry Cells, Ltd., 904 Buffalo Ave., Niagara Falls, N. Y. "Maximite"

✓Yale Electric Corp., Brooklyn, N. Y. See advertisements, pages 18 and 21.

Exide—see Electric Storage Battery Co.

Gould Storage Battery Co., 250 Park Ave., New York, N. Y.

Kalb Electric & Mfg. Co., 7323 Manchester Ave., St. Louis, Mo. "Kombination De Luxe"

Kombination De Luxe—see Kalb Electric & Mfg. Co.

✓Perrine Quality Products Corp., Cummington St., Boston, Mass. See advertisement, page 20.

PowerWell — see American Battery Co.

✓Radio Units, Inc., 1316 First Ave., Maywood, Ill. "Wilson" See advertisement, page 25.

Universal Products Co., Oshkosh, Wis.

Wilson — see Radio Units, Inc.

Wolke Electric Co., 618 S. First St., Louisville, Ky.

**BATTERIES
AND CHARGERS,
Combined—**

see Batteries, Combined Charger and Storage

**BATTERIES, Combined
Charger and Storage**

Aidifen Battery Co., 63 E. McMicken St., Cincinnati, Ohio

American Battery Co., 2053 N. Racine Ave., Chicago, Ill. "PowerWell"

Am-Plus Storage Battery Co., 425 W. Superior St., Chicago, Ill.

Electric Storage Battery Co., Allegheny Ave. & 19th St., Philadelphia, Pa. "Exide"

**BATTERIES, Knock
Down Storage**

Pacific Screw Co., 645 N. E. 53d St., Portland, Ore. "Pasco"

Pasco—see Pacific Screw Co.

Romco Storage Battery Co., 146 W. 68th St., New York, N. Y.

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BATTERY ACID—

see Electrolyte, Storage Battery

BATTERY CABINETS—

see Cabinets, Zinc Coated Battery

BATTERY CABLES, Multiple—

see Cables, Multiple Battery

BATTERY CHARGERS—

see Rectifiers, Bulb
also Rectifiers, Electrolytic
also Rectifiers, Motor Generator
also Rectifiers, Vibrator

BATTERY CLIPS—

see Clips, Electrical Test

BATTERY CORDS—

see Cables, Multiple Battery

BATTERY ELECTROLYTE—

see Electrolyte, Storage Battery

BATTERY ELIMINATOR KITS—

See Rectifiers, Knockdown Plate Current Supply

BATTERY ELIMINATORS—

see Rectifiers, Filament Current Supply
also Rectifiers, Filament and Plate Current Supply
also Rectifiers, Plate Current Supply

BATTERY FILLERS—

see Fillers, Storage Battery

BATTERY JARS—

see Jars, Glass Battery
also Jars, Rubber Battery

BATTERY MATS—

see Mats, Rubber Battery

BATTERY METERS—

see Ammeters and Voltmeters, Panel
also Ammeters and Voltmeters, Pocket

BATTERY PAINT—

see Paint, Storage Battery

BATTERY PLATES—

see Batteries, Storage

BATTERY POTENTIOMETERS

see Potentiometers, Battery

BATTERY RHEOSTATS—

see Rheostats, Battery

BATTERY SEALING COMPOUNDS—

see Compounds, Battery Sealing

BATTERY SEPARATORS—

see Separators, Wood Battery

BATTERY SUBSTITUTES—

see Rectifiers, Filament Current Supply
also Rectifiers, Filament and Plate Current Supply
also Rectifiers, Plate Current Supply

BATTERY SWITCHES—

see Switches, Baby Knife
also Switches, Push-Pull

BATTERY SWITCHES, Toggle—

see Switches, Toggle Battery

BATTERY TEST TUBES—

see Tubes, Glass Test

BATTERY TESTING HYDROMETERS—

see Hydrometers, Battery Testing

BATTERY TESTING INSTRUMENTS—

see Ammeters and Voltmeters
also Hydrometers, Battery Testing

BATTERY TRAYS—

see Trays, Glass Battery
also Trays, Rubber Battery

BATTERY WIRING ASSEMBLIES—

see Cables, Multiple Battery

BEADERS, Bezel—

see Tools, Bezel Beading

BEADING TOOLS—

see Tools, Bezel Beading

BELL WIRE—

see Wire, Bell

BENDING POST CLIPS—

see Clips, Connecting

BENDING TOOLS, Bus Bar—

see Tools, Bus Bar Bending

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BEZEL BEADING TOOLS—

see Tools, Bezel Beading

BEZELS, Panel

Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"

✓Alden Manufacturing Co., Dept. D-6, Springfield, Mass. "Na-ald" Cataloged on page 145.

✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Eria"

Eria — see Electrical Research Laboratories.

Fischer Spring Co., Chas., 240 Kent Ave., Brooklyn, N. Y.

Green Seal — see Air-Way Electric Appliance Corp.

Mar-Co — see Martin-Copeland Co.

Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"

Morse Co., Frank W., 389 Congress St., Boston, Mass.

Na-ald—see Alden Mfg. Co.

Sheffield Trimming & Stamping Corp., 211 Centre St., New York, N. Y. "Stasco"

Stasco—see Sheffield Trimming & Stamping Corp.

Waterbury Button Co., Waterbury, Conn.

BINDING POST JACKS—

see Posts, Jack Binding

BINDING POST STRIPS—

see Strips, Binding Post

BINDING POSTS—see Posts, Composition
also Posts, Jack
also Posts, Lettered
also Posts, Metal
also Posts, Multiple Connection**BIT BRACES—**

see Braces, Bit

BITS, AugerDeuse, J. S., Chester, Conn.
Irwin Auger Bit Co., Wilmington, Ohio

Jennings Mfg. Co., Russell, Chester, Conn.

Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"

Pexto — see Peck, Stow & Wilcox Co.

Progressive Mfg. Co., 52 Norwood St., Torrington, Conn.

Snell Mfg. Co., Fiskdale, Mass.

Swan Co., Jas., 279 Bank St., Seymour, Conn.

BLADES, Hack SawA A A—see Atkins & Co.
American Saw & Mfg. Co., Springfield, Mass. "Lenox"

Armstrong-Blum Mfg. Co., 333 N. Francisco Ave., Chicago, Ill. "Marvel"

Atkins & Co., E. C., S. Meriden St., Indianapolis, Ind. "A A A"

Diamond Saw & Stamping Works, 357 Seventh St., Buffalo, N. Y. "Sterling"

Disston & Sons, Henry (Tacony), Philadelphia, Pa.

Expert — see Napier Saw Works

Goodell—Pratt Co., Wells St., Greenfield, Mass.

Higrade—see Standard Saw & Tool Mfg. Co.

Lenox—see American Saw & Mfg. Co.

Marvel—see Armstrong-Blum Mfg. Co.

Mayhew Steel Products, 35 Warren St., New York, N. Y.

Mil Flex—see Thompson & Son Co.

Milford—see Thompson & Son Co.

Millers Falls Co., Millers Falls, Mass.

Napier Saw Works, 22 Cottage St., Middletown, N. Y. "Expert" "Quality"

Olemson Bros., Middletown, N. Y. "Star"

Quality — see Napier Saw Works

Red Devil — see Smith & Hemenway

Simonds Mfg. Co., 470 Main St., Fitchburg, Mass.

Smith & Hemenway, Jamestown, N. Y. "Red Devil"

Standard Saw & Tool Mfg. Co., 10 Damrell St., Boston, Mass. "Higrade"

Star—see Olemson Bros.

Starrett Co., L. S., 165 Crescent St., Athol, Mass.

Sterling—see Diamond Saw & Stamping Works

Thompson & Son Co., Henry G., 277 Chapel St., New Haven, Conn. "Milford," "Mil Flex"

Victor Saw Works, Middletown, N. Y.

BLOCKS, Multiple Phone—

see Boxes, Multiple Phone

BLOW TORCHES—

see Torches, Alcohol

BOARDS, Wired Base

Durad—see Duraplate Co.

Duraplate Co., Summerdale Ave. & Roosevelt Rd., Philadelphia, Pa. "Durad"

BORNITE CRYSTALS—

see Crystals

BOXES, Cable Connecting

✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. "Konekt Rite" See Inside Back Cover.

Konekt Rite — see Kellogg Switchboard & Supply Co

BOXES, Grounding—

see Rods, Ground

BOXES, Multiple Phone

A. C. H.—see Hayden Radio & Research Co.

Barkelew Electric Mfg. Co., Middletown, Ohio

Branston, Chas. A., 813 Main St., Buffalo, N. Y.

Dictograph Products Corp., 220 W. 42d St., New York, N. Y.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

Globe Phone Mfg. Co., Reading, Mass.

✓Hamburg Bros., 420-22 Seventh Ave., Pittsburgh, Pa. "Pennsylvania." See advertisement, page 75.

Hayden Radio & Research Co., A. C. Brockton, Mass. "A. C. H."

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**BOXES, Multiple Phone
Continued**

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

✓Murdock Co., Wm. J., Dept. 98, Chelsea, Mass. See advertisement, page 128.

Pacent Electric Co., 91 Seventh Ave., New York, N. Y.

Pennsylvania—see Hamburg Bros.

BRACES, Bit

Goodell-Pratt Co., Wells St., Greenfield, Mass.

Lancaster Machine & Knife Works, Lancaster, N. Y.

Mayhew Steel Products Co., 33 Warren St., New York, N. Y.

Millers Falls Co., Millers Falls, Mass.

Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"

Pexto—see Peck, Stow & Wilcox Co.

Stanley Rule & Level Co., 111 Elm St., New Britain, Conn.

BRACKETS,**Antenna Insulator**

Line Material Co., (South Milwaukee), Milwaukee, Wis.

M & M Co., 500 Prospect Ave., Cleveland, Ohio.

Pearl Co., Wm. H., 425 Harmon St., Indianapolis, Ind.

BRACKETS,**Antenna Pole—**

see Fittings, Iron Antenna Pole

BRACKETS,**Brass Angle**

✓Tonz Engineering & Sales Co., 11703 Robertson Ave., Cleveland, Ohio. See advertisement, page 167.

BRACKETS,**Cat Whisker**

✓DeJure Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.

BRACKETS,**Socket Mounting—**

see Mounts, Panel Socket

BRACKETS,**Sub-Panel**

Benjamin Electric Mfg. Co., 128 S. Sangamon St., Chicago, Ill.

Garfield Radio Mfg. Corp., 64 Vesey St., New York, N. Y.

Precise Mfg. Corp., 254 Mill St., Rochester, N. Y.

Tait, 161st St. & Brook Ave., New York, N. Y.

BRAIDED**ANTENNA WIRE—**

see Wire, Braided Copper Antenna

BRASS ANGLE**BRACKETS—**

see Brackets, Brass Angle

BRASS EYELETS—

see Eyelets, Brass

BRASS GROMMETS—

see Eyelets, Brass

BRASS MACHINE**SCREWS—**

see Screws, Brass Machine

BRASS NUTS—

see Nuts, Brass

BRASS RIVETS—

see Rivets, Brass and Copper

BRASS, Rod—

see Brass & Copper, Sheet

BRASS SLIDERS—

see Sliders, Tuning Coil

BRASS TUBING—

see Tubing, Brass and Copper

BRASS WASHERS—

see Washers, Brass and Copper

BRASS, WIRE—

see Wire, Brass

BRASS WOOD**SCREWS—**

see Screws, Brass Wood

**BRASS AND COPPER,
Sheet and Rod**

✓American Brass Co., 25 Broadway, New York, N. Y. See advertisement, page 193.

Bridgeport Brass Co., Bridgeport, Conn. "Ledrite"

Chase Metal Works, 236 Grand St., Waterbury, Conn.

Dallas Brass & Copper Co., 320 Orleans St., Chicago, Ill.

Detroit Copper & Brass Rolling Mills, Clark Ave. & Wabash R. R., Detroit, Mich.

Ledrite — see Bridgeport Brass Co.

Manhattan Brass Co., 332 E. 28th St., New York, N. Y.

Michigan Copper & Brass Works, 5851 W. Jefferson Ave., Detroit, Mich. "Wolverine"

New Haven Copper Co., Seymour, Conn.

Onega — see Riverside Metal Co.

Randolph-Clowes Co., 384 Bank St., Waterbury, Conn.

Riverside Metal Co., Riverside, N. J. "Onega"

Rome Brass & Copper Co., Bouch St., Rome, N. Y.

✓Seovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.

Wolverine — see Michigan Copper & Brass Works

BREAST DRILLS—

see Drills, Hand and Breast

BRONZE, Phosphor—

see Brass and Copper, Sheet and Rod

BULB RECTIFIERS—

see Rectifiers, Bulb

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see Tubes, Vacuum

BUS-BAR BENDING TOOLS—

see Tools, Bus-Bar Bending

BUS-BAR WIRE—

see Wire, Bus-Bar

BUS WIRE CONNECTORS—

see Connectors, Solderless

BUSHING REAMERS—

see Reamers, Dial

BUSHINGS, Dial

✓Grammes & Sons, L. F., 438 Union St., Allentown, Pa. See advertisements, pages 97 and 159.

Waterbury Button Co., Waterbury, Conn.

BUSHINGS, Lead-In—

see Insulators
also Tubes, Porcelain

BUZZERS, High Frequency

Ajax Electric Co., 18 Palmer St., Cambridge, Mass. "Hytone"

Federal Telephone Mfg. Corp., Buffalo, N. Y.

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

Hytone—see Ajax Electric Co.

BUZZERS, Practice—

see Buzzers, High Frequency

BY-PASS CONDENSERS—

see Condensers, Fixed

C BATTERIES—

see Batteries, C Dry

CABINET HINGES—

see Hinges, Cabinet

CABINETS, Fabric or Leather Covered

✓Berg Auto Trunk & Specialty Co., Long Island City, N. Y. See advertisement, page 32.

✓Knickerbocker Case Co., 228-38 N. Clinton St., Chicago, Ill. See advertisement, page 30.

Taylor Trunk Works, C. A., 678 N. Halsted St., Chicago, Ill.

CABINETS, Glass

Hornig, August W., 3921 Dickens Ave., Chicago, Ill.

Radio Shop, Batesville, Ark.

CABINETS, Knockdown

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A-1 Woodworking Co., 1338 San Julian St., Los Angeles, Cal.

Acme Cabinet Co., 37 N. Ninth St., Philadelphia, Pa.

Acorn—see Royal Radio Products Co.

Adapto—see Donehue Co.

Adapto—see Jewett Radio & Phonograph Co.

Albano Co., 306 E. 47th St., New York, N. Y.

American Beauty—see Pier-son Co.

American Cabinet Works, Belmar, N. J.

American Chest Co., Waukesha, Wis.

American Radio Cabinet Co., 50 Market St., N. W., Grand Rapids, Mich.

✓American Radio Cabinet Co., 245 Race St., Philadelphia, Pa. See advertisement, page 30.

Anderson & King, 455 Peachtree St., Atlanta, Ga.

Ariel Cabinet Co., Peru, Ind.

Art Novelty Co., E. Lincoln Ave., Goshen, Ind.

Artee Radio Sales & Mfg. Co., 16 Hudson St., New York, N. Y. "Fit-All"

Artwood Shops, Inc., 14 Railroad St., Rochester, N. Y.

Baker—see Quincy Quality Products Co.

Baldwin Radio Electrical Mfg. Co., 684 Bergen St., Brooklyn, N. Y.

Bartholomew, G. A. Guardian Bldg., Cleveland, Ohio. "Favorite"

Bear Furniture Co., G. H., Allentown, Pa.

Bedell Mfg. Co., Marion, Ind. Blandin Phonograph Co., 1700 16th St., Racine, Wis.

Bordeaux—see Radio-Master Corp. of America

Brendel Mfg. Co., Chas., 916 Ft. Wayne Ave., Indianapolis, Ind.

Broadcaster Corp., 2414 W. Cullerton Ave., Chicago, Ill.

Bryan Leader—see Jesse Mfg. Co.

Bryan Special—see Jesse Mfg. Co.

Burt Bros., 2000 S. Ninth St., Philadelphia, Pa.

Carlson Cabinet Works, 21 Market St., Jamestown, N. Y. "Karlson"

Case Toy & Sales Co., 7250 Kelley St., (Homewood Sta.), Pittsburgh, Pa.

Caswell-Runyon Co., Huntington, Ind.

Charlotte Furniture Co., Charlotte, Mich.

Chicago Phonograph Mfg. Co., 5127 S. State St., Chicago, Ill.

Chillicothe Furniture Co., Chillicothe, Mo.

Churchill Cabinet Co., 2119 Churchill St., Chicago, Ill.

Cincinnati Auto Body Co., 1938 W. Eighth St., Cincinnati, Ohio

Columbia Mantel Co., 175 Powers St., Brooklyn, N. Y. "Recordion"

Columbus Radio Cabinet & Console Co., 88½ E. Spring St., Columbus, Ohio

Concertola Radio Shop, 15 Tompkins St., New York, N. Y.

Connersville Furniture Co., Connersville, Ind.

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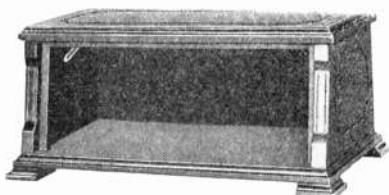
Corbett Cabinet Mfg. Co., St. Marys, Pa.

Cornish Piano Co., Washington, N. J.

Crescent Chair Co., Plymouth, Wis.

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Detroit Woodcraft Corp., Co., 4611 Woodward Ave., Mich.



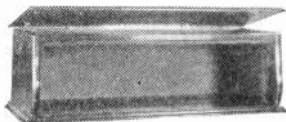
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in Design*

Finest
Materials
and
Workmanship

RADIO CABINETS OF QUALITY

Consult us on your requirements for well-made and designed radio cabinets with built-in Loud Speakers. Our staff of designers and experienced cabinet makers put truly distinctive cabinets on a basis that makes the cost exceedingly attractive.

AMERICAN RADIO CABINET CO., 245 Race St., Philadelphia



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All Types—Any Size—Any Quantity

Submit sketches or blueprints for any special type of cabinet work. Finished or unfinished.

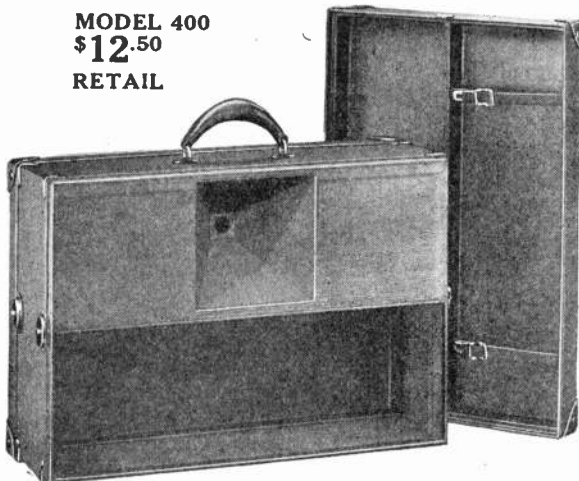
**The Lester Talking Machine Company
5117-19-21 Wakefield Street, Philadelphia, Pa.**

KNICKERBOCKER RADIO CASE

MODEL 400

\$12.50

RETAIL



High Grade Black Artificial Leather Covered. Removable Back and Front Wood Horn for Loud Speaker. Space for Panel 21x7 in. or 18x7-in. Deep Cover for Dials and Straps to Hold Collapsible Aerial. Battery Space Both Sides of Horn.

*Specialists and Original Designers of Radio Cases.
We are especially equipped to handle volume requirements of
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KNICKERBOCKER CASE CO.

228-38 N. CLINTON ST., CHICAGO

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Ebco—see Electrotype Blocking Co.

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Edon Novelty Works, Edon Ohio

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Elgin Phono Cabinet Co., 276 Ninth Ave., New York, N. Y.

Elgin Phonograph & Novelty Co., West Chicago & Union Sts., Elgin, Ill.

Elite Radio Co., 4 Landscape Ave., Yonkers, N. Y.

Elokay Mfg. Co., 946 Fulton St., Brooklyn, N. Y.

Emerson Radio & Phonograph Corp., 309 Sixth Ave., New York, N. Y.

Empire-United Hat Block Co., 312 E. 22d St., New York, N. Y.

Erskins — Danforth Corp., 383 Madison Ave., New York, N. Y.

Eshoo Cabinet Works, E., 635 Herkimer St., Brooklyn, N. Y.

Excel Phonograph Mfg. Co., 402 W. Erie St., Chicago, Ill.

Excello Products Corp., 4826 W. 16th St., Cicero, Ill.

Express Body Corp., 44 Lake St., Crystal Lake, Ill. "M-B-G" "Neat-Fit"

Fashion Furniture Corp., Youngsville, Pa.

Favorite — see Bartholomew, G. A.

Fine-Arts—see Plaza Music Co.

Fit-All — see Artee Radio Sales & Mfg. Co.

French Furniture Co., Wm. A., 217 N. E. Fifth St., Minneapolis, Minn.

Fuller Co., P. H., 365 Gerard Ave., New York, N. Y.

Gerson, Louis Jay, 23 Union Sq. W., New York, N. Y.

Gladwin Electric Co., Gladwin, Mich.

Goodwork Radio Cabinet Shop., 6715 S. Park Ave., Los Angeles, Cal.

Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.

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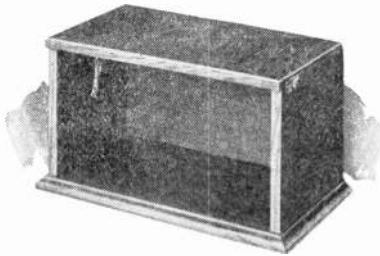


STOCK SIZES
30x15 Retailing for \$19.00
34x18 Retailing for \$22.00

ALSO RADIO CABINETS
in sizes
31 x 7 to 30 x 7

Write for wholesale prices

W. W. WINSHIP & SONS, Inc.
Utica, N. Y.
ESTABLISHED SINCE 1847



The Jewett Parkay RADIO CABINET

A complete line of solid walnut cabinets with nicked hardware and exquisite parquetry tops, permitting the amateur to build a set that will compare favorably in appearance with the most costly sets on the market. Natural, scratch resisting finish. Each Parkay protected by oil paper envelope and excelsior blanket in individual carton.

The Superspeaker Highboy

An elaborate and perfectly appointed unit consisting of table and cabinet, housing Radio set, and all batteries. Famous Superspeaker built in. Sliding doors make perfect fit for any set up to 30 inches length. Mahogany or walnut. Takes Radio into the realm of fine furniture. Shipped crated. Price \$130. West of the Rockies, \$140.

List Prices

7x9x18 . . .	\$11.25
7x9x21 . . .	11.75
7x9x24 . . .	12.25
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8x9x30 . . .	18.25
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(30 and 40 inch sizes carry panel base board. All sizes 21 inches and upward, fitted with top rail.)

"THERE IS NO
SUBSTITUTE FOR THE BEST"

JEWETT RADIO & PHONOGRAPH COMPANY
5686 TELEGRAPH ROAD PONTIAC, MICH.

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ARTONE SPEAKERS

and



BERG
LONG ISLAND CITY
NEW YORK

CABINETS, Wood
Continued

- Hagerstown Table Works, Hagerstown, Md.
- Hale Mfg. Co., F. E., Herkimer, N. Y.
- Hamilton Mfg. Co., Two Rivers, Wis.
- Harper Mfg. Co., Cassopolis, Mich.
- Harponola Co., 104 Tractor Rd., Celina, Ohio. "Harp-O-Radio"
- Harp-O-Radio — see Harponola Co.
- Herrman Furniture Co., H., 527 W. 34th St., New York, N. Y.
- Holbrook Co., Hudson, N. Y.
- Hughesville Furniture Co., Hughesville, Pa.
- Ideal Radio Cabinet Co., 281 Vermont St., Blue Island, Ill.
- International Equipment Co., 1326 Chestnut St., Kansas City, Mo.
- Interstate Woodworking Co., 46 Wooster St., New York, N. Y.
- Irving Furniture Factories, 469 Seventh Ave., New York, N. Y.
- Ivay—see Southern Toy Co.
- Jamestown Mantle Co., Falconer, N. Y.
- Jesse Mfg. Co., John O., Bryan, Ohio. "Bryan Leader" "Bryan Special"
- ✓Jewett Radio & Phonograph Co., 5686 Telegraph Rd., Pontiac, Mich. "Parkay" "Adapto." Cataloged on pages 31, 65, 131, 151, 153, 155 and 187.
- Jordan Cabinet Corp., 56th St. & First Ave., Brooklyn, N. Y.
- Karlson—see Carlson Cabinet Works
- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Kelton Mfg. Co., Worcester, Mass.
- Kittinger Co., 1893 Elmwood St., Buffalo, N. Y.
- Klamor Mfg. Co., 1617 McGarry St., Los Angeles, Cal.
- Knickerbocker Talking Machine Co., 83 Broadway, New York, N. Y.
- Kramer Woodworking Co., 21st & Indiana Aves., Philadelphia, Pa.
- K. S. Cabinet Co., Caldwell Ave., Elmhurst, N. Y.
- Lakeside Supply Co., 73 W. Van Buren St., Chicago, Ill.
- Lamm, Arthur J., Stephentown, N. Y.
- Lawrence Cycle Co., 16 S. Mercer St., New Castle, Pa.
- ✓Lester Talking Machine Co., 5117 Wakefield St. (Germantown), Philadelphia, Pa. See advertisement, page 30.
- Los Angeles Radio Supply Co., 1052 E. Vernon Ave., Los Angeles, Cal.
- Lux Fibre Furniture Co., Waukesha, Wis.
- McKay Co., Angus, 726 S. Desplaines St., Chicago, Ill.
- Manufacturers Phonograph Co., 95 Madison Ave., New York, N. Y. "Strand"
- Mastercraft—see Wolf Mfg. Industries
- M-B-G—see Express Body Corp.
- Merrell Sash & Door Co., Tom, 170 W. Ocean Blvd., Long Beach, Cal.
- Miami Cabinet Co., Yellow Springs, Ohio
- Michell Furniture Co., Robert, Second & John Sts., Cincinnati, Ohio
- Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa
- National Cabinet Co., 6 Cincinnati St., Dayton, Ohio
- Natural Voice Talking Machine & Radio Cabinet Co., Oneida, N. Y.
- Neat-Fit—see Express Body Corp.
- New York Wood Working Corp., 506 E. 19th St., New York, N. Y.
- Newcastle Radio Cabinet Co., 11th & Race Sts., New-castle, Ind.
- Nicholson Furniture Co., K., Chase City, Va.
- Nicoll & Co., 190 Hooper St., San Francisco, Cal.
- Ogden Sectional Cabinet Co., 700 Salem St., Lynchburg, Va.
- Orsenigo Co., 383 Madison Ave., New York, N. Y.
- Oyen, O. O., 1201 S. Fourth St., Minneapolis, Minn.
- Page Cabinet Co., 13 Hampshire St., Cambridge, Mass.
- Parkay—see Jewett Radio & Phonograph Co.
- Parker-Young Co., 131 State St., Boston, Mass. "Pyco"
- Pennsylvania Lumber Sales Co., 337 S. Broad St., Philadelphia, Pa.
- Perfection Phonograph Co., 203 Lewis St., New York, N. Y. "Perfecto"
- Perfecto—see Perfection Phonograph Co.
- Perkins-Campbell Co., 410 New St., Cincinnati, Ohio.
- Perkins Phonograph Co., 831 N. Wood St., Chicago, Ill.
- Pierson Co., Cedar & Pleasant Sts., Rockford, Ill. "American Beauty"
- Pilliod Lumber Co., Swanton, Ohio
- Pioneer Cabinet Co., 1500 Union Ave., S. E., Grand Rapids, Mich.
- Plaza Music Co., 10 W. 20th St., New York, N. Y. "Fine-Arts"
- Plymouth Radio & Phonograph Co., Plymouth, Wis.
- Pooley Co., 16th St. & Indiana Ave., Philadelphia, Pa.
- Price Co., Albert O., Coshoc-ton, Ohio.
- Pyco—see Parker-Young Co.
- Quincy Quality Products Co., Queens Village, L. I., N. Y. "Baker"
- Radio Cabinet Corp., 628 Sixth St., Rockford, Ill.
- Radio Industries Corp., 131 Duane St., New York, N. Y. "Rivoli"
- Radio-Master Corp. of America, Bay City, Mich. "Bordeaux"

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**CABINETS, Wood
Continued**

Recordion—see Columbia Mantel Co.
 Regal Woodworking Co., 372 Second Ave., New York, N. Y.
 R-E-Z Cabinet Co., 54 North St., Boston, Mass.
 Richard Mfg. Co., Winooski, Vt.
 Rivoli—see Radio Industries Corp.
 Roussel Mfg. Co., Barnwall Ave. & Queens Blvd., Elmhurst, L. I., N. Y.
 ✓Royal Radio Products Co., 628 Callowhill St., Philadelphia, Pa. "Acorn" See advertisement, page 183.
 Salisbury Bros. & Furniture Co., Randolph, Vt.
 Scheibner, C. O., Woodbridge, Mo.
 Schloss Bros., 801 E. 135th St., New York, N. Y.
 Schmeig-Hungate & Kotzian, 521 E. 72d St., New York, N. Y.
 Schutz Bros. 152 Chambers St., New York, N. Y.
 Sextro Furniture Co., Wm., Dalton Ave. & Wilstrach St., Cincinnati, Ohio
 Sheboygan Novelty Co., Sheboygan, Wis.
 Sheets Mfg. Co., Wapakoneta, Ohio
 Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich. "Signola Aristocrat"
 Signola Aristocrat—see Signal Electric Mfg. Co.
 Southern Toy Co., Hickory, N. Car. "Ivey"
 Specialty Display Case Co., Kendallville, Ind.
 Square Deal Radio & Electric Co., 103 Leroy St., Fenton, Mich.
 Standard Cabinet Mfg. Co., 201 E. Canal St., Peru, Ind.
 Standard Plano Bench Mfg. Co., 1221 W. Lake St., Chicago, Ill.
 Steger & Sons Plano Mfg. Co., 28 E. Jackson Blvd., Chicago, Ill.
 Stenola—see Stettner Phonograph Corp.
 Sternaman Mfg. Co., 441 Williams Blvd., Springfield, Ill.
 Stettner Phonograph Corp., 314 E. 75th St., New York, N. Y. "Stenola"
 Stiles & Co., H. A., 166 Portland St., Boston, Mass.
 Stradivara Co., Coshocton, Ohio
 Strand—see Manufacturers Phonograph Co.
 Straus Cabinet Works, Eugene, Baxter Ave., Station, Louisville, Ky.
 Sturm Radio Cabinet Factory, 319 S. Jefferson St., Chicago, Ill.

Superior Wood Working Co., Hancock & Berks Sts., Philadelphia, Pa.
 Terrace Radio Mfg. Corp., 26 Dock St., Yonkers, N. Y.
 Trenton Wood Specialty Co., Stokes Ave. & P. R.R., Trenton, N. J.
 Udell Works, 28th St. & Barnes Ave., Indianapolis, Ind.
 Unico—see Unit Construction Co.
 Union Tool Chest Co., 19 Hand St., Rochester, N. Y.
 Unit Construction Co., 58th St. & Woodland Ave., Philadelphia, Pa. "Unico"
 United Cabinet Factories Corp., 1421 S. Michigan Ave., Chicago, Ill.
 United Radio Cabinet Co., 706 Massachusetts Ave., Cambridge, Mass.
 United Radio & Mfg. Co., Gary, Ind.
 Universal Cabinet Co., Radio Ave., Greenville, Ohio.
 Universal Phonograph & Radio Cabinet Mfg. Co., Ninth & Monroe Sts., St. Louis, Mo.
 Utility Cabinet Co., Waukesha, Wis.
 Valenti Art Furniture Mfg. Co., 1515 Atlantic Ave., Brooklyn, N. Y.
 Van Arnum Mfg. Co., Taylor St., Fort Wayne, Ind.
 Vitanola Talking Machine Co., American Furniture Mart Bldg., Chicago, Ill. "Vitaradio"
 Vitaradio—see Vitnola Talking Machine Co.
 Wabash Cabinet Co., Wabash, Ind.
 W. A. L. Radio Cabinet Co., Fort Lee, N. J.
 Wasmuth-Goodrich Co. (Oakdale) Peru, Ind.
 Weis Mfg. Co., 201 Union St., Monroe, Mich.
 Westchester Artistic Works, Greenwich, Conn.
 Western Cable & Light Co., Baldwin, Wis.
 Wheeler Mfg. Co., 970 Montana St., Chicago, Ill.
 Whetzal, Walter M. H., 37 Plum St., Westerville, Ohio
 ✓Winship & Sons, W. W., Utica, N. Y. See advertisement, page 31.
 Wirthmore Cabinet Co., 910 Wirthmore St., Rockford, Ill.
 Wizard Phonograph Co., 1977 Ogden Ave., Chicago, Ill.
 Wolf Mfg. Industries, 319 N. Third St., Quincy, Ill. "Mastercraft"
 Wolverine Furniture Co., Zeeland, Mich.
 Wood Specialty Mfg. Co., 1166 Chase St., Camden, N. J.
 Wright De Coster Radio, Inc., 1466 Selby Ave., St. Paul, Minn.
 York Furniture Mfg. Corp., York, Pa.
 Young Mfg. Co., 725 N. Second St., Beloit, Wis.

**CABINETS,
Zinc Coated Battery**

Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa "Zincalite"
 Zincalite—see Morris Register Co.

**CABLE, Aerial—
see Wire****CABLE, CONNECTING
BOXES—**

see Boxes, Cable Connecting

**CABLE MARKERS,
Metal—**

see Markers, Metal Cable

CABLE, Multiple

Colored Wires cabled together; for Multiple Battery Cables—see Cables, Multiple Battery.

Acme Wire Co., Dixwell Ave., New Haven, Conn. "Celatsite"

American Fabric Co., 46 Baker St., Providence, R. I.

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.

Celatsite—see Acme Wire Co.

Consolidated Wire & Associated Corp., 430 S. Green St., Chicago, Ill.

✓Crescent Braid Co., Providence, R. I. "Premier Blue Ribbon." See advertisements, pages 34 and 55.

Detroit Insulated Wire Co., 4561 Wesson Ave., Detroit, Mich.

Goodrich-Lenhart Mfg. Co., Hamburg, Pa.

✓Graybar Electric Co., New York, N. Y. (Sole Distributors for Whitney Blake Co., New Haven, Conn.) "WB" See advertisement, page 193.

Philadelphia Insulated Wire Co., 200 N. Third St., Philadelphia, Pa.

Premier Blue Ribbon—see Crescent Braid Co.

W B—see Graybar Electric Co.

Whitney Blake Co. — see Graybar Electric Co.

Wilkins Electric Mfg. Corp., 52 Orawangum St., White Plains, N. Y.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

CABLES

5-wire rubber insulated battery cables, all styles of clips or terminals. Using the standard code of colors for battery leads. Special cables made for the set manufacturer.

Nationally Advertised

Premier blue Ribbon Cables are advertised in all the leading radio publications.

Ask for a Folder.

At your jobbers or write us mentioning his name.

Crescent Braid Co., Inc., Providence, R. I.

CABLES, Multiple Battery

- Atwater Kent Mfg. Co., 4700 Wissahickon Ave., Philadelphia, Pa.
- Birnbach Radio Co., 370 Seventh Ave. New York, N. Y. "Ilga"
- Columbia Radio Corp., 155 N. Union St. Chicago, Ill. "Multicolcord"
- ✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
- ✓Jones, Howard B., 618 S. Canal St., Chicago, Ill. "Rainbow" See advertisement, page 101.
- Multicolcord — Columbia Radio Corp.
- Packard Electric Co., Dana Ave., Warren, Ohio
- Rainbow—see Jones, Howard B.
- Riga — see Birnbach Radio Co.
- Runzel-Lenz Electric Mfg. Co., 1751 North Western Ave., Chicago, Ill.
- Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ill.

CALIPERS AND DIVIDERS

- Brown & Sharpe Mfg. Co., Promenade St., Providence, R. I. "Rex"
- Consolidated Tool Works, 296 Broadway, New York, N. Y. "Pilot"
- Fay—see Starrett Co.
- Goodell-Pratt Co., Wells St., Greenfield, Mass.
- Lufkin-Rule Co., Hess Ave., Saginaw, Mich.
- Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"
- Pexto—see Peck, Stow & Wilcox Co.
- Pilot—see Consolidated Tool Works
- Rex—see Brown & Sharpe Mfg. Co.

- Starrett Co., L. S., 165 Crescent St., Athol, Mass., "Fay" "Yankee"
- Union Tool Co., 48 E. River St., Orange, Mass.
- Yankee—see Starrett Co.

CAM SWITCHES—

see Switches, Cam

CAMBRIC TUBING—

see Tubing, Spaghetti

CARDBOARD TUBES—

see Tubes, Paper

CASTINGS, Aluminum

- Aluminum Co. of America, Oliver Bldg., Pittsburgh, Pa.
- Aluminum Foundry Co., 1208 Tremont St., Boston, Mass.
- Atkinson Co., 575 Lyell Ave., Rochester, N. Y.
- Atlas Brass Foundry Co., Columbus, Ohio
- Brass & Bronze Castings Co., 6516 Carnegie Ave., S. E. Cleveland, Ohio
- Bridgeport Deoxidized Bronze & Metal Co., 459 Iranistan Ave., Bridgeport, Conn.
- City Brass Foundry Co., 5310 St. Clair Ave., N. E., Cleveland, Ohio
- Cleveland Aluminum Casting Co., 901 Adison Rd., Cleveland, Ohio
- Columbus Brass Co., 620 Dublin Ave., Columbus, Ohio
- Imperial Brass Mfg. Co., 1234 W. Harrison St., Chicago, Ill.
- Jefferson Brass Foundry, 62 Delevan Ave., Brooklyn, N. Y.

Light Mfg. & Foundry Co., Union & Queen Sts., Pottstown, Pa.

National Aluminum & Foundry Co., 1912 Frederick St., Racine, Wis.

Pioneer Brass Works, 1102 E. 23d St., Indianapolis, Ind.

Werra Aluminum Foundry Co., Waukesha, Wis.

Western Brass Mfg. Works, Marshall Blvd. & 21st St., Chicago, Ill.

Wisconsin Aluminum Foundry Co., 16th & Franklin Sts., Manitowoc, Wis.

CASTINGS, Die

- Albro—see Bronze Die Casting Co.
- Alemite Die-Casting & Mfg. Co., 2640 Belmont Ave., Chicago, Ill.
- ✓Allied Die-Casting Corp., Skillman Ave., Honeywell & Buckley Sts., Long Island City, N. Y. See advertisement, page 37.
- Aluminum Co. of America, Oliver Bldg., Pittsburgh, Pa.
- American Bearing Corp., 421 W. 11th St., Indianapolis, Ind.
- Atlas Die Casting Corp., 29 Jackson St., Worcester, Mass.
- Badger Die Casting Co., 157 Buffalo St., Milwaukee, Wis.
- ✓Barnhart Brothers & Spindler, Monroe & Throop Sts., Chicago, Ill. See advertisement, page 37.
- Bronze Die Casting Co., Franklin St. & Ohio River, Pittsburgh, Pa. "Albro"
- Detroit Die Casting Co., 274 Iron St., Detroit, Mich.
- Doehler Die - Casting Co., 505 Court St., Brooklyn, N. Y.
- ✓Franklin Die-Casting Corp., Syracuse, N. Y. See advertisement, page 35.
- ✓Grey Mfg. Co., C. M., 358 Central Ave., East Orange, N. J.
- Hahn Mfg. Co., Harry W., 627 San Pedro St., Los Angeles, Cal.
- Illinois Die Casting Co., 2318 Ogden Ave., Chicago, Ill.
- Interstate Bearing Co., Herkimer, N. Y.
- Krone-Sebek Die Casting & Mfg. Co., 666 W. Austin Ave., Chicago, Ill.
- Legler-Eilerman Co., Dayton, Ohio
- ✓Marf Machine & Die Casting Co., 149 41st St., Brooklyn, N. Y. See advertisement, page 36.
- Michigan Smelting & Refining Co., 7885 Jos. Campau Ave., Detroit, Mich.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

FRANKLIN DIE-CASTINGS

BACKED BY 34 YEARS
EXPERIENCE



The following formulas are in general use by us. These, however, may be modified to meet the special requirements of each customer:

(A) Zinc Base Alloys

	No. 8	No. 53*
Tin.....	6%	None
Copper.....	3 1/2%	3%
Aluminum.....	1 1/4%	5%
Zinc.....	89 1/4%	92%

*Horseshoe spelter or its equivalent is used in this alloy.

These are most frequently used as substitutes for cast iron, but may sometimes be substituted for brass and steel, especially where inserts can be used at points subject to special strain or wear.

(B) Babbitts or Tin Base Metals

	SAE 11	"S"	"B"	HGB
Tin.....	87%	84%	81 1/2%	78 1/2%
Antimony.....	7%	9%	13 1/2%	13 1/2%
Copper.....	6%	7%	4 1/2%	4 1/2%
Lead.....				4%

These are used chiefly for bearings in automobile engines, compressors and other machines requiring a high-class bearing, also for parts requiring special acid-proof quality, such as soda fountain pumps, etc.

(C) High Lead Babbitts

	SAE 12	No. 48	No. 17	No. 15	SAE 13
Lead.....	25%	42%	67 1/2%	74 1/2%	84 1/2%
Tin.....	61%	48%	17%	15%	5%
Antimony.....	10 1/2%	8 1/2%	15%	10%	10%
Copper.....	3%	1 1/2%	00 1/2%	00 1/2%	00 1/2%

These are chiefly used for bearings where the working condition are not such as to demand one of the high tin alloys.

(D) Aluminum

For the production of our aluminum castings, various grades of aluminum alloys can be used. In their selection we are guided by the conditions to be met, such as wall thickness, bearing requirements, hardness, etc. Fusing point of these alloys is approximately 1,150 degrees. The tensile strength will vary from 25,000 to 27,000 lbs., but may in some alloys be increased by heat treating.

FOR increased production, assured accuracy, reduced cost per piece and reduction in the amount of equipment required, manufacturers are turning more and more to die-castings.

Dependability is the vital factor to consider in contracting for die-castings. Franklin die-castings are backed by 34 years of unbroken service, a guarantee of our ability to meet your needs and an assurance of the permanency of our service. Our service is complete in every detail from engineering assistance on your problems down to tree maintenance of the dies.

Quotations made on receipt of samples or blueprints. Where blueprints are furnished give weights if possible.

Limits to be Observed in Designing Die-Castings

Metal	Max. Weight of Casting, Pounds	Min. Wall Thickness*, Inches	Min. Limits on Dimensions per Inch of Diameter Plus or Minus	Max. Number of External Threads per Inch.	Min. Diameter of Holes, Inches	Draft †	
						Cores per Inch of Length and Diam. ‡	Walls per Inch
Aluminum.....	3	1/8	0.0025	20	3/32	0.015	0.005
Tin base.....	8	1/32	0.0005	34	1/32	0.0005	0.001
Lead base.....	10	1/32	0.001	24	1/32	0.0005	0.001
Zinc base.....	6	1/8	0.001	30	1/32	0.001	0.001

*For small castings, the wall thickness of aluminum and zinc-base die-castings may be 1/16 inch.

†When the dimension involved is several inches, these limits may sometimes be reduced.

‡When close fits are required in aluminum, the thread should be cast over-size and chased. Internal threads cannot be cast satisfactorily in aluminum, but can in some cases be cast in parts made from zinc, tin, or lead-base alloys.

§The size of hole that can be cast depends on its length and the design and thickness of the casting. Holes not cast can usually be located by spotting the casting in order to facilitate drilling.

¶ While the draft limits given in the table are desirable, they may sometimes be modified to meet special requirements.

¶ For aluminum, cores less than 1/4 inch in diameter should have draft of 0.005 inch per inch of length and diameter.

FRANKLIN DIE-CASTING CORPORATION, SYRACUSE, N. Y.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

MARF

DIE CASTINGS




YOUR instructions are not lost in "departmental red tape" when you come to Marf. Each detail is given the kind of personal supervision that you yourself would expect to give. Though our facilities and ability have enlisted some of the largest firms in the country, we still take a personal interest in every job.

MARF MACHINE & DIE CASTING CO.
149-41st STREET, BROOKLYN, NEW YORK

Springfield, Mass. Indianapolis, Ind. Branch Offices Cleveland, Ohio Detroit, Mich.

CASTINGS, Die Continued

- Milwaukee Die Casting Co., Milwaukee, Wis.
- Paragon Die Casting Co., 3223 Ravenswood Ave., Chicago, Ill.
- Parker White-Metal & Machine Co., Railroad & 23d Sts., Erie, Pa.
- Perfection Die Casting Corp., 400 Lakeside Ave., N. W., Cleveland, Ohio.
- Phoenix Die Casting Co., 21 Illinois St., Buffalo, N. Y.
- Precision Castings Co., Syracuse, N. Y.
- Republic Die Casting Co., 138 Mott St., New York, N. Y.
- R-W Mfg. Co., 224 N. Halsted St., Chicago, Ill.
- Saal Co., H. G., 1800 Montrose Ave., Chicago, Ill.
- ✓ Sosa Mfg. Co., Grand Ave. & Bergen St., Brooklyn, N. Y. See advertisement, page 77.
- ✓ Sterling Die Casting Co., 739 39th St., Brooklyn, N. Y. See advertisement, page 36.
- Stewart Mfg. Corp., 4535 Fullerton Ave., Chicago, Ill.
- Superior Die Casting Co., 874 E. 72d St., Cleveland, Ohio

CAT WHISKER BRACKETS—

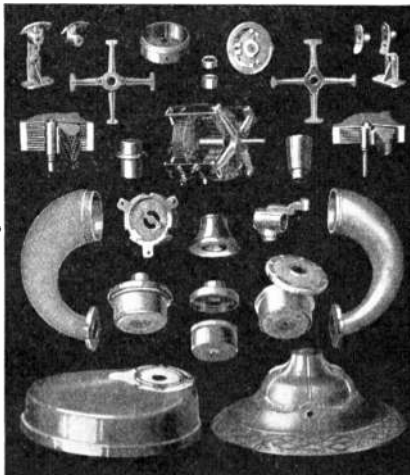
see Bracket, Cat Whisker

Sterling

For the RADIO MANUFACTURER

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Bases and Units for Loud Speakers Curved Elbows Die Cast Condensers Brackets for Variocouplers Shells for Ear Phones Crystal Housings Ferrules, etc. In Aluminum Zinc Base Tin and Lead Alloys Quick Delivery Low Die Charges



If You Value Real Service and Co-operation, Let Us Quote You.

Send for Details

STERLING DIE CASTING CO., INC.
739 39th St., BROOKLYN, N. Y.

CAT WHISKER WIRE—

see Wire, Special Cat Whisker

CAT WHISKERS—

see Whiskers, Cat

CENTER PUNCHES—

see Punches, Center

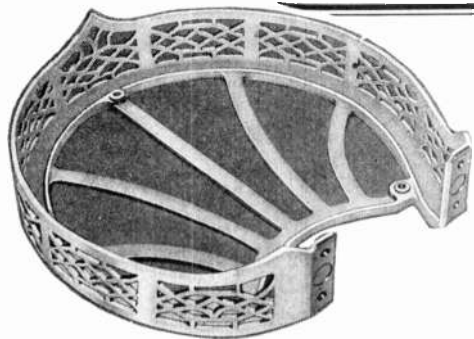
CHALCOPYRITE CRYSTALS—

see Crystals

CHARGER BATTERIES, Combined—

see Batteries, Combined Charger and Storage

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Part of Loud Speaker Frame Die-Cast by **ALLIED**

Leading Radio engineers pronounce Allied Die-Castings unequalled for service in the radio industry.

Resistance to corrosion, toughness, strength, and accuracy are elements predominating in Allied Die-Castings.

Let us estimate on your requirements.

ALLIED DIE-CASTING CORPORATION
Skillman Ave. Honeywell and Buckley Sts.
LONG ISLAND CITY



One-Dimension Salesmen

Radio manufacturers can supplement the work of their regular flesh-and-blood salesmen with thousands of "one-dimension" solicitors.

A radio manufacturer's advertisement in "Radio Retailing" becomes thousands of printed salesmen that carry his message to radio jobbers and dealers in all types of stores that sell radio, all over the country.

Radio Retailing

Tenth Avenue at 36th Street
New York

SUPERIOR DIE CASTINGS

**Mechanical Parts
Cast Finished**

**Standard and Special Alloys
of Aluminum and White Brass—
Zinc, Tin and Lead Base**

**COMPLETE FACILITIES AND
SUPERIOR SERVICE**



BARNHART BROTHERS & SPINDLER

**Monroe & Throop Streets
CHICAGO**

Manufacturers

are earnestly requested to notify us at once of any new products so that they may be correctly listed in

The Radio Trade Directory

—without charge, of course.

THE RADIO TRADE DIRECTORY

Tenth Avenue at 36th Street, New York City

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

FAHNESTOCK CLIPS



*"Popular Wherever
Radio Is Used."*

FAHNESTOCK Connectors are used by nearly every manufacturer of standard radio sets and manufacturers of high grade "A" and "B" Batteries. FAHNESTOCK makes connectors for every radio purpose.

"THE IDEAL CONNECTOR"

Catalog sent upon request

FAHNESTOCK ELECTRIC COMPANY
Long Island City, New York

CHARGERS, Battery—

see Rectifiers, Bulb
also Rectifiers, Electrolytic
also Rectifiers, Motor Generator
also Rectifiers, Vibrator

CHEMICAL RECTIFIERS—

see Rectifiers, Electrolytic

CHOKE COILS,

see Coils, Choke
also Coils, Radio Frequency Choke

CHOKES, Static—

see Reducers, Static

CIGAR LIGHTERS, Electric—

see Lighters, Electric Cigar

CLAMPS, Ground

Amoroso Mfg. Co., 14 Sears St., Boston, Mass. "Nifty"
Blackburn Specialty Co., 1965 E. 65th St., Cleveland, Ohio
Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.
Cameron Appliance Co., Everett, Mass. "New York"
Chase-Shawmut Co., Newburyport, Mass.

✓Delgro Electric Mfg. Co., 11 S. Eighth Ave., New Brunswick, N. J. See advertisement, page 16.

Eagle Electric Mfg. Co., 59 Hall St., Brooklyn, N. Y.
Ekko Co., 111 W. Monroe St., Chicago, Ill.

✓Fahnestock Electric Co., Long Island City, N. Y. See advertisement, page 38.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.
Giant Clamp Works, 331 W. Madison St., Chicago, Ill.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

Hastings Electrical Mfg. Co., 366 Broadway, New York, N. Y.

Heinemann Electric Co., 1736 N. Fifth St., Philadelphia, Pa. "Suretite"

H & H—see Hart & Hegeman Mfg. Co.

Ideal Clamp Mfg. Co., 200 Bradford St., Brooklyn, N. Y.

K-E—see Kirkman Engineering Corp.

Kirkman Engineering Corp., 492 Broome St., New York, N. Y. "K-E"

Lenz — see Permanco Mfg. Co.

Mertz Specialty Co., 206 W. Tenth St., Wilmington, Del. "Saddle"

Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa

Mucher, John J., 109 Lafayette St., New York, N. Y.

Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill.

New York—see Cameron Appliance Co.

Nifty—see Amoroso Mfg. Co.

Noscrew Hose Clamp Co., 50 Broad St., New York, N. Y.

Parkin Mfg. Co., Grand Ave., San Rafael, Cal.

✓Permanco Mfg. Corp., 814-16 Prospect Ave., Brooklyn, N. Y. "Lenz" "Premo" See advertisement, page 89.

Premo—see Permanco Mfg. Corp.

✓Rajah Auto Supply Co., Bloomfield, N. J. See advertisement, page 167.

Saddle—see Mertz Specialty Co.

Sherman Mfg. Co., H. B., Battle Creek, Mich.

Snap-Tite Clamp Co., 110 W. 14th St., New York, N. Y.

Suretite — see Heinemann Electric Co.

Windman - Goldsmith, Inc., 399 East Ave., Perth Amboy, N. J.

Zlerick Machine Works, F. R., 6 Howard St., New York, N. Y.

CLAMPS, Machine Screw

✓Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.

CLARIFIERS—

see Amplifiers, Radio Frequency

CLEANERS, Condenser

✓Jones, Howard B., 618 S. Canal St., Chicago, Ill. See advertisement, page 101.

CLEATS, Porcelain

Carey Ohio Porcelain Co., Carey, Ohio

Cook Pottery Co., Prospect St. & P. R.R., Trenton, N. J.

Davidson Porcelain Co., East Liverpool, Ohio

Duggan—see Imperial Porcelain Works

Fedco — see Federal Porcelain Co.

Federal Porcelain Co., Carey, Ohio "Fedco"

Findlay Electric Porcelain Co., Findlay, Ohio

General Porcelain Co., Camden Ave., S. S., Parkersburg, W. Va.

Imperial Porcelain Works, Mulberry St. & New York Ave., Trenton, N. J. "Duggan"

Mogadore Insulator Co., Mogadore, Ohio

Square D. Co., Detroit, Mich.

CLIP BENDING POSTS—

see Clips, Connecting

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

CLIPS, Battery—

see Clips, Electrical Test

CLIPS, Connecting

✓Fahnestock Electric Co., Long Island City, N. Y. See advertisement, page 38.

Mucher, John J., 109 Lafayette St., New York, N. Y.

CLIPS, Electrical Test

Ajax—see Philmore Mfg Co.

✓Apco Mfg. Co., (Radio Division), Providence, R. I. See advertisement, page 108.

Dusie—see McCorkle-Ensign Co.

Frankel Connector Co., 177 Hudson St., New York, N. Y.

Grip-tite—see Kodol Radio Corp.

Hartung Co., Charles F., 730 E. 61st St., Los Angeles, Cal. "Peerless"

Hyfrex—see Parker-Aeolus Corp.

Kodol Radio Corp., 507 E. Pearl St., Cincinnati, Ohio. "Grip-tite"

Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa

Mucher, John J., 109 Lafayette St., New York, N. Y.

McCorkle-Ensign Co., 428 Erie St., Elmira, N. Y. "Dusie"

Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.

Morse & Co., Frank W., 289 Congress St., Boston, Mass.

Mueller Electric Co., 1583 E. 31st St., Cleveland, Ohio

Ohio Parts Co., Colerain & Monmouth Aves., Cincinnati, Ohio

Parker-Aeolus Corp., 161 Grand St., New York, N. Y. "Hyfrex"

Peerless—see Hartung Co.

Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

Pons, Eugene, 838 Lincoln Ave., Schenectady, N. Y.

Propp Co., M., 524 Broadway, New York, N. Y.

Sheffield Trimming & Stamping Corp., 211 Centre St., New York, N. Y. "Stasco"

Sherman Mfg. Co., H. B., Battle Creek, Mich.

Stasco—see Sheffield Trimming & Stamping Corp.

Valley Electric Co., 3157 S. Kingshighway, St. Louis, Mo.

Waterbury Button Co., Waterbury, Conn. ..

Webster Electric Co., Racine, Wis.

Wilkins Electric Mfg. Corp., 52 Orawangum St., White Plains, N. Y.

CLIPS, Grid-Leak—

see Holders, Grid-Leak

CLOCK SWITCHES—

see Switches, Automatic Clock

CLOSED CIRCUIT JACKS—

see Jacks, Phone

CLOTH, Emery—

see Paper, Emery

CODE PRACTISERS—

see Transmitters, Automatic Code

CODE TRANSMITTERS—

see Transmitters, Automatic Code

COIL HOLDERS—

see Mountings, Coil

COIL IMPREGNATING MACHINES—

see Machines, Coil Impregnating

COIL MOUNTINGS—

see Mountings, Coil

COIL MOUNTINGS, Fan—

see Mountings, Fan Coil

COIL SATURATING MACHINES—

see Machines, Coil Impregnating.

COIL SLIDERS—

see Sliders, Tuning Coil

COIL WINDERS—

see Winders, Coil

COIL WINDING FORMS—

see Forms, Coil Winding

COIL WINDING JIGS—

see Jigs, Coil Winding

COIL WINDING MACHINES—

see Machines, Coil Winding

COIL WINDINGS—

see Windings, Coil

COILS, Choke—

Impedance Coils for use in filter circuits.

Acme Apparatus Co., 37 Osborn St., Cambridge, Mass. "Henry"

AmerChoke—see American Transformer Co.

✓American Transformer Co., 178 Emmet St., Newark, N. J. "AmerChoke" Cataloged on page 170.

Dongan Electric Mfg. Co., 2987 Franklin St., Detroit, Mich.

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

Henry—see Acme Apparatus Co.

Jaeger-Carlson Mfg. Co., 161 Jamaica Ave., Brooklyn, N. Y.

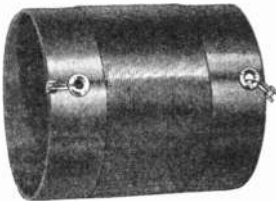
Mayolian Radio Corp., 1991 Broadway, New York, N. Y.

Thordarson Electric Mfg. Co., 500 W. Huron St., Chicago, Ill.

AP COILS & COILS

Precision

Uniformity and constancy of Electric values are the 1926 requirements for coils.



We are prepared to wind precision coils for a few discriminating set manufacturers.

We specialize on manufacturer's requirements.

ACME PRODUCTS CO

107 W. Canton St.

Boston, Mass.

COILS, Doughnut—

see Transformers, Tuned Radio Frequency

COILS, Duo-Lateral—

see Coils, Inductance

COILS, Filter

Federal Telephone Mfg. Corp., Buffalo, N. Y.

COILS, Honeycomb—

see Coils, Inductance

COILS, Inductance

✓Acme Products Co., 107 W. Canton St., Boston, Mass. "A-P" See advertisement, page 40.

A-P—see Acme Products Co. Auman, F. W. 1218 Franklin Ave., Wilkinsburg, Pa.

Branston, Chas. A., 813 Main St., Buffalo, N. Y.

Columbia Radio Corp., 155 N. Union St., Chicago, Ill.

Coto-Coil Co., 87 Willard Ave., Providence, R. I. "Giant Grip" "Cotoco"

Cotoco—see Coto-Coil Co.

Crescent Radio Mfg. Co., 35 W. 19th St., New York, N. Y.

Criss-Cross—see Feri Radio Mfg. Co.

Dymac—see Electrical Products Mfg. Co.

Eastern Coil Corp., 22 Warren St., New York, N. Y.

Eastern Electric & Mfg. Co., 140 Chestnut St., Providence, R. I.

Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"

Feri Radio Mfg. Co., 1167 Bedford Ave., Brooklyn, N. Y. "Criss-Cross"

Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

General Windings Co., 214 Fulton St., New York, N. Y. "Gen-Win"

Gen-Win—see General Windings Co.

Giant Grip—see Coto-Coil Co.

Giblin-Remler—see Remler Radio Mfg. Co.

Goodman, L. W., 436 Forrest Ave., Drexel Hill, Pa.

Hammarlund Mfg. Co., 424 W. 33d St., New York, N. Y.

Hilco—see Hill Mfg. Co.

Hill Mfg. Co., A. E., 80 Mangum St., Atlanta, Ga. "Hilco"

Jaeger-Carlson Mfg. Co., 161 Jamaica Ave., Brooklyn, N. Y.

Jalisco Mfg. Co., 229 E. Hennepin Ave., Minneapolis, Minn.

Keystone Radio Laboratories, Inc., 4245 Lincoln Ave., Chicago, Ill.

Klantz Radio Co., 2324 N. Sawyer Ave., Chicago, Ill.

Lamm, Arthur J., Stephentown, N. Y.

Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa

Nazeley Co., J., 1824 Park Ave., Weehawken, N. J. "Turney"

Nolte Mfg. Co., 193 Plainfield Ave., Jersey City, N. J.

Pacent Electric Co., 91 Seventh Ave., New York, N. Y.

Perfection Radio Mfg. Co., 24th & Race Sts., Philadelphia, Pa.

Ray-Coils—see Schoonhaven R. C.

Ray-De-Artercraft Mfg. Co., 12 E. Central Ave., Redlands, Cal.

Real Equity Shop, 1331 N. Wells St., Chicago, Ill.

Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal. "Giblin-Remler"

Royco—see Royal Radio Products Co.

✓Royal Radio Products Co., 628 Cullowhill St., Philadelphia, Pa. "Royco" See advertisement, page 183.

Schoonhaven, R. C., 310 Seneca St., Elgin, Ill. "Ray-Coils"

Sickles Co., F. W., 130 Union St., Springfield, Mass.

✓Silver-Marshall, 102 S. Washburn Ave., Chicago, Ill. "S-M" See advertisement, page 173.

S-M—see Silver-Marshall Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.

✓Teleradio Engineering Corp., 490 Broome St., New York, N. Y. Cataloged on page 152.

Terrace Radio Mfg. Corp., 26 Dock St., Yonkers, N. Y.

Transcontinental Coil & Winding Co., 5 Kirk Pl., Newark, N. J.

Turney—see Nazeley Co.

Twin Coupler Co., Poughkeepsie, N. Y.

Un-X-Ld—see Forman & Co.

Victoreen—see Walker Co.

Walker Co., George W., 6524 Carnegie Ave., Cleveland, Ohio. "Victoreen"

COILS, Oscillator Coupling—

see Couplers, Oscillator

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**COILS, Radio
Frequency Choke**

Filtoformers — see Precise Mfg. Corp.

Precise Mfg. Corp., 254 Mill St., Rochester, N. Y. "Filtoformers"

✓Radio Corp. of America, New York, N. Y. See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.

✓Samson Electric Co., Canton, Mass. See advertisement, page 46.

Shore Electric Co., 64 University Pl., New York, N. Y.

Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.

COILS, Slide Tuning

Bunnell & Co., J. H., 32 Park Pl., New York, N. Y.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.

COILS, Toroidal—

see Transformers, Tuned Radio Frequency

**COILS, Tuned Radio
Frequency—**

see Transformers, Tuned Radio Frequency

COILS, Tuning—

see Coils, Inductance
also Tuners and Tuning Coils

COILS, Wireless Spark

Bunnell & Co., J. H., 32 Park Pl., New York, N. Y. "Mascot"

Mascot—see Bunnell & Co.

**COMBINATION PILOT
LIGHT SWITCHES—**

see Switches, Combination Pilot Light

**COMBINATION
PLIERS—**

see Pliers, Combination

**COMBINATION
RADIO-PHONO-
GRAPH SETS—**

see Sets, Combination Radio-Phonograph

**COMBINED CHARGER
BATTERIES—**

see Batteries, Combined Charger and Storage

**COMBINED STORAGE
BATTERIES—**

see Batteries, Combined Charger and Storage

COMPARATORS—

see Switches, Multiple Speaker Testing

**COMPARING
SWITCHES—**

see Switches, Multiple Speaker Testing

**COMPOSITION
BINDING POSTS—**

see Posts, Composition

**COMPOSITION
DIALS—**

see Dials, Rubber
also Insulation, Molders of

**COMPOSITION
HORNS—**

see Horns

**COMPOSITION INSU-
LATING, Molders
of—**

see Insulation, Molders of

**COMPOSITION
INSULATION—**

see Insulation, Composition

**COMPOSITION
INSULATORS—**

see Insulators, Composition
also Insulation, Molders of

**COMPOSITION
KNOBS—**

see Dials, Rubber
also Insulation, Molders of

**COMPOSITION MOLD-
ING MACHINES—**

see Machines, Plastic Mold-
ing

**COMPOSITION
SOCKETS—**

see Sockets, Vacuum Tube

**COMPOSITION
VARIOMETERS—**

see Variometers

**COMPOUNDS,
Battery Sealing**

American Di-Electrics, Ltd., 466 E. Seventh St., Brooklyn, N. Y.

Barber Asphalt Co., Land Title Bldg., Philadelphia, Pa. "Genasco"

Cochrane Chemical Co., 432 Danforth Ave., Jersey City, N. J. "Lastic-Kote"

Dicks-Pontius Co., Dayton, Ohio

Dielectric Mfg. Co., Vandeventer & Duncan Aves., St. Louis, Mo.

Genasco—see Barber Asphalt Co.

Insulatine Co., 1 Broadway, New York, N. Y.

Irrington Varnish & Insulator Co., Tremont Terrace, Irvington, N. J.

Kant-Krode—see Kant-Rust Products Corp.

Kant-Rust Products Corp., Rahway, N. J. "Kant-Krode"

Lastic-Kote—see Cochrane Chemical Co.

Mitchell-Rand Mfg. Co., 18 Vesey St., New York, N. Y.

Ruberoid Co., 95 Madison Ave., New York, N. Y.

Standard Asphalt & Rubber Co., 208 S. La Salle St., Chicago, Ill.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

*Use the
Condenser that's
made for the
job*

The Filter Condenser



Especially designed for the high voltages developed in the filter circuits of "B" battery eliminators, this condenser has a life of permanent efficiency even when operated continuously at voltages up to its maximum working rating.

Use this condenser in building any type of battery eliminator.

The By-Pass Condenser



To shunt radio frequency currents around the high internal resistances of "B" batteries, to insure an even flow of battery current, and cut down battery noises—use a By-Pass Condenser across your "B" battery.

Don't use By-Pass Condensers for use in the filter circuits of "B" battery eliminators—use the Filter Condenser especially designed for that work.

Dubilier

CONDENSER AND RADIO CORPORATION

4377 Bronx Blvd., New York, N. Y.

COMPOUNDS, Impregnating

Dielectric Mfg. Co., Vande-
venter & Duncan Aves., St.
Louis, Mo.

General Electric Co., 1 River
Rd., Schenectady, N. Y.

Minerallac Electric Co., 1045
Washington Blvd., Chicago,
Ill.

Standard Underground Cable
Co., 17th & Pike Sts., Pitts-
burgh, Pa.

Westinghouse Electric & Mfg.
Co., East Pittsburgh, Pa.

CONDENSER CLEANERS—

see Cleaners

CONDENSER DIALS—

see Dials, Glass
also Dials, Metal
also Dials, Rubber
also Dials, Vernier

CONDENSER ENDS—

see Insulation, Molders of

CONDENSERS, Adjustable

St. James Laboratories, 845
W. Washington Blvd., Chi-
cago, Ill.

Turn-It Radio Sales, Inc., 71
Murray St., New York,
N. Y.

CONDENSERS, Air—

see Condensers, Variable
also Condensers, Variable
Vernier

CONDENSERS, BALANCING—

see Condensers, Neutraliz-
ing

CONDENSERS, Filter

Amrad Corp., Medford Hill-
side, Mass. "Mershon"

✓ Aerovox Wireless Corp., 489-
93 Broome St., New York,
N. Y. See advertisement,
page 43.

Deutschmann, Tobe C., 46
Cornhill, Boston, Mass.

✓ Dubilier Condenser & Radio
Corp., 4377 Bronx Blvd.,
New York, N. Y. See ad-
vertisement, page 42.

**CONDENSERS, Filter
Continued**

Federal Telephone Mfg. Corp.,
Buffalo, N. Y.
Mershon—see Amrad Corp.
Potter Mfg. Co., 2004 Sheri-
dan Rd., North Chicago,
Ill.
Western Electric Co., 100 E.
42d St., New York, N. Y.

CONDENSERS, Fixed

Acrac on — see Condenser
Corp. of America

✓Aerovox Wireless Corp., 489-
98 Broome St., New York,
N. Y. See advertisement,
page 43.

Airek Co., 797 Greenwich St.,
New York, N. Y.

Amel Radio Laboratories, 75
Vesey St., New York, N. Y.

American Electric Co., 6401
S. State St., Chicago, Ill.

Amplex Instrument Labora-
tories, 88 W. Broadway,
New York, N. Y. "Grid-
Denser"

Carter Radio Co., 300 S.
Racine Ave., Chicago, Ill.

Concourse Electric Co., 30
Church St., New York,
N. Y.

Condenser Corp. of America,
25 Waverly Pl., New York,
N. Y. "Acrac on"

Daven Radio Corp., 158
Summit St., Newark, N. J.
"Leakandenser"

✓DeJur Products Co., Lafay-
ette & Broome Sts., New
York, N. Y. See advertise-
ment, page 50.

Doran & Sons, James Co.,
150 Chestnut St., Provi-
dence, R. I.

✓Dubiller Condenser & Radio
Corp., 4377 Bronx Blvd.,
New York, N. Y. "Mica-
dons" See advertisement,
page 42.

Electrad, Inc., 428 Broadway,
New York, N. Y.

Electrical Research Labora-
tories, 2500 Cottage Grove
Ave., Chicago, Ill. "Eria"

Electrodyne Co., 2378 Third
Ave., New York, N. Y.

Eria—see Electrical Research
Laboratories

E-Z — see Polymet Mfg.
Corp.

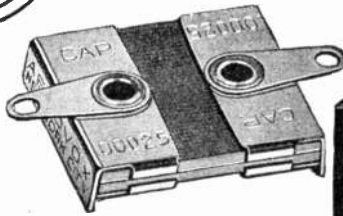
Farodon—see Wireless Spe-
cialty Apparatus Co.

Federal Telephone Mfg. Corp.,
Buffalo, N. Y.

Forbestos Co., 110 W. 42d
St., New York, N. Y.

Forman & Co., 366 Green-
wich St., New York, N. Y.
"Un-X-Ld"

Franklin Radio Mfg. Co.,
Ben, 2652 Superior Ave.,
Cleveland, Ohio "Micaden-
ser"



**Type 1250
Fixed Mica
Condensers**

.00005 to .01 Mfd.



Type 1200 By-pass Condensers

500 V., D.C. Flash Test
.05 Mfd. to 5.0 Mfd.

Type 1225 Filter Condenser

800 V., D.C. Flash Test
1.0 to 4.0 Mfd.

Type 1230 Filter Condenser

2000 V., D.C. Flash Test
1.0 to 4.0 Mfd.

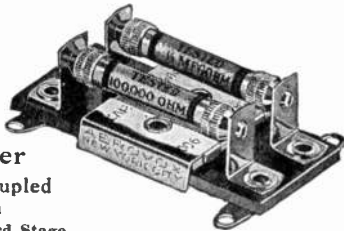


**Type 1275
Condenser
with Grid Leak
Mounting**

.0001 to .0005 Mfd.

**Type 1090
Grid Leaks**

¼ to 10 Megohms
Resistors 25,000 to
100,000 Ohms



**No. 1111
Resistofomer**

for Resistance Coupled
Amplification

First, Second and Third Stage

Aerovox Wireless Corporation

489-491-493 Broome Street, New York City

BRANCH OFFICES:

Chicago, Ill.
53 W. Jackson Boulevard
Cincinnati, Ohio
304 Palace Theatre Bldg.

Boston, Mass.
104 Portland Street
Los Angeles, Cal.
324 N. San Pedro Street

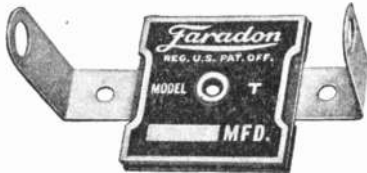
When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Faradon



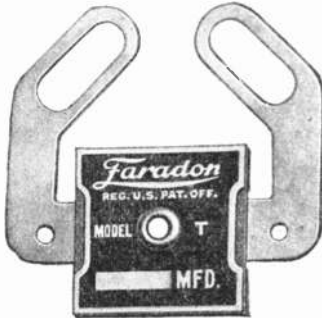
Fine Appearance Attracts and Quality Holds

The immediate sales success of the Model T *Faradon*, is directly due to the fact that it fulfills the requirements of "Profitable Merchandise." Set builders, and those working to better their present receivers, are now securing in *Faradon*—Permanent Capacity, High Efficiency, and Improved Appearance.



"Faradons Sell on Sight"

Their strikingly handsome appearance at once catches the eye. Their obviously superior construction satisfies. The sale is made. Of course the high reputation of the maker—one of the oldest and most progressive manufacturers in the radio field—helps.



A descriptive folder of this profit building line will be sent to established jobbers and retailers.

Quotation covering quantity requirements furnished SET MANUFACTURERS upon request.

Wireless Specialty Apparatus Co.

Jamaica Plain, Boston, Mass., U. S. A.
Electrostatic Condensers for All Purposes

CONDENSERS, Fixed Continued

- Freshman Co., Chas., 240 W. 40th St., New York, N. Y.
- ✓ General Radio Co., Cambridge, Mass. See advertisement, page 47.
- Gotham Radio Corp., 96 Church St., New York, N. Y.
- Grid-Denser—see Amplex Instrument Laboratories
- Halcyon Insulator Co., 168 Front St., New York, N. Y.
- Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
- H & H—see Hart & Hegeman Mfg. Co.
- Hilco Precision — see Hill Mfg. Co.
- Hill Mfg. Co., A. E., 80 Mangum St., Atlanta, Ga. "Hilco Precision"
- Howard Radio Co., 469 E. Ohio St., Chicago, Ill.
- Illini Electric Co., 605 N. Walnut St., Champaign, Ill.
- Kapaciton Co., 26 Elliott Pl., Jersey City, N. J.
- ✓ Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Kenman Electric Co., 296 Broadway, New York, N. Y.
- Kondenser-Kit—see Peerless Radio Corp.
- Leakandenser — see Daven Radio Corp.
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
- Master Radio Instrument Co., 153 Wright St., Newark, N. J. "Masto"
- Masto—see Master Radio Instrument Co.
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Mazdadenser"
- Mazdadenser—see Mazda Radio Mfg. Co.
- Melrowsky Bros., 11 McPherson Pl., Jersey City, N. J.
- Micadenser — see Franklin Radio Mfg. Co.
- Micadons—see Duillier Condenser & Radio Corp.
- Micamold Radio Corp., 1087 Flushing Ave., Brooklyn, N. Y.
- Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill.
- National Electric Condenser Co., 1255 Dixwell Ave., New Haven, Conn.
- New York Coll Co., 338 Pearl St., New York, N. Y.
- Pacent Electric Co., 91 Seventh Ave., New York, N. Y.

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CONDENSERS, Fixed Continued

- Parkin Mfg. Co., Grand Ave., San Rafael, Cal.
- Peerless Radio Corp., Newton Lower Falls, Mass. "Kondenser-Kit"
- Poly—see Polymet Mfg. Corp.
- Polymet Mfg. Corp., 599 Broadway, New York, N. Y. "Poly" "E-Z"
- Potter Mfg. Co., 2004 Sheridan Rd., North Chicago, Ill.
- Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill.
- Radio Receptor Co., 106 Seventh Ave., New York, N. Y. "Receptrad"
- Receptrad—see Radio Receptor Co.
- Reichmann Co., 1725 W. 74th St., Chicago, Ill. "Thorola"
- Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.
- Sangamo Electric Co., Springfield, Ill.
- Schindler, Chas., 1401 W. Delaware Ave., Toledo, Ohio
- Spltdorf Electrical Co., 392 High St., Newark, N. J.
- Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.
- Steinle Laboratories, Radio Bldg., Atchison, Kans.
- Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio
- Sumter Radio Mfg. Co., Telephone St., Sumter, S. Car.
- Thorola—see Reichmann Co.
- Tritot Electric Co., 16 Hudson St., New York, N. Y.
- Un-X-Id—see Forman & Co.
- Western Electric Co., 100 E. 42d St., New York, N. Y.
- ✓Wireless Specialty Apparatus Co. (Jamaica Plain), Boston, Mass. "Faradon" See advertisement, page 44.
- X-Luario—see X-L Radio Laboratories
- X-L Radio Laboratories, 2424 Lincoln Ave., Chicago, Ill. "X-Luario"
- Yaxley Mfg. Co., 217 N. Desplains St., Chicago, Ill.

CONDENSERS, Geared Vernier—

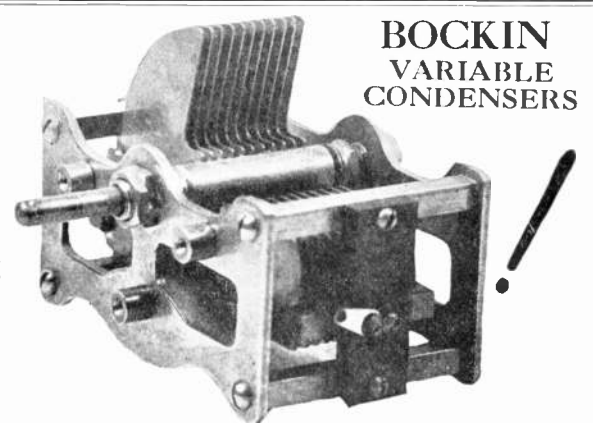
see Condensers, Variable Vernier

CONDENSERS, Grid—

see Condensers, Fixed

CONDENSERS, Mica—

see Condensers, Fixed



BOCKIN
VARIABLE
CONDENSERS

Straight line effect spreads out low wave length stations

The brass plates have a high copper content giving them greater conductivity, and reduced series resistance. This means increased audibility on distant signals. They are of Patent Level Brass, especially stretched for flatness and rigidity. Plates are firmly soldered to prevent losses.

The rotor shaft revolves in adjustable cone bearings, for long life and easy adjustment. Made of solid brass throughout—silver plated

	List Price
11 Plate .00025 mfd.	\$2.00
15 Plate .00033 mfd.	2.25
17 plate .00035 mfd.	2.50
23 Plate .0005 mfd.	3.00

Also manufacturers of the Bockin Midget Balancing Condenser, Bockin Unit Condenser, and Filament Switches.

Bockin Electric Mfg. Co., Inc., 71 E. Olive Blvd., Freeport, N. Y.

CONDENSERS, Neutralizing

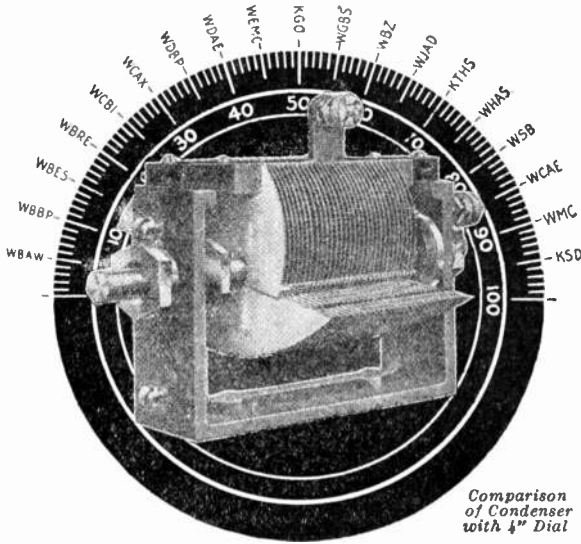
- Balcon—see Pacent Electric Co.
- ✓Bockin Electric Mfg. Co., 71 E. Olive Blvd., Freeport, N. Y. Cataloged on page 45.
- Cady & Lundberg, 176 Federal St., Boston, Mass.
- Condenserette—see Gardiner & Hepburn
- Davidson Radio Corp., 134 Livingston St., Brooklyn, N. Y. "Rasla"
- Gardiner & Hepburn, 21st St. & Washington Ave., Philadelphia, Pa. "Condenserette"
- Mar-Co—see Martin-Copeland Co.
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co."
- Pacent Electric Co., 91 Seventh Ave., New York, N. Y. "Balcon"
- Rasla—see Davidson Radio Corp.
- Reliable Parts Mfg. Co., 2819 Prospect Ave., Cleveland, Ohio
- ✓Samson Electric Co., Canton, Mass. See advertisement, page 46.
- Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio
- X-L Radio Laboratories, 2424 Lincoln Ave, Chicago, Ill. "X-Luario"

X-Luario—see X-L Radio Laboratories

CONDENSERS, Variable

- A. C. H.—see Haydon Radio & Research Co.
- Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.
- Acorn—see Royal Radio Products Co.
- Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"
- Ajax—see Philmore Mfg. Co.
- Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
- ✓Alden Manufacturing Co., Dept. D-6, Springfield, Mass., "Na-ald" Cataloged on page 145.
- ✓All-American Radio Corp., 4201 Belmont Ave., Chicago, Ill. See advertisement, page 161.
- Allen-Bradley Co., 286 Greenfield Ave., Milwaukee, Wis. "Bradleydenser"
- Ambassador Sales Co., 108 Greenwich St., New York, N. Y.
- American—see Pearl Radio Corp.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



Comparison
of Condenser
with $\frac{1}{4}$ " Dial

Samson Uniform Frequency Condensers

**Smallest Made, Yet Easily Fit Into
Present Sets**

ILLUSTRATION above shows Samson Condensers are but $\frac{1}{4}$ -in. diameter with plates fully extended—half to a third the size of others.

With them you can easily do away with the crowding of stations on your present receiver having ordinary condensers—where 85 out of 100 come in below 50 on the dial.

Samson Uniform Frequency Condensers are built to a tolerance of $\frac{1}{1000}$ inch, silver plated all over for high surface conductivity, and—in addition—have gold plated rotor and stator plates to prevent oxidization.

These grounded rotor type instruments have losses lower than the average laboratory standards.

This condenser, due to its design, does not have the defects caused by either solid metal or dielectric end plates. 500 mmf. \$9.00; 350 mmf. \$8.75; 250 mmf. \$8.50.

SAMSON ELECTRIC COMPANY CANTON, MASS.

Manufacturers Since 1882
Sales Representatives in
Thirty Leading American
Cities



Practically uniform high amplification over entire audible range with minimum distortion is obtained by using Samson Helical Wound Transformers. Ratios 6:1; 3:1. \$5.00.



CONDENSERS, Variable Continued

American Interstate Radio Service, 183 Greenwich St., New York, N. Y.

American Specialty Co., 168 Holland Ave., Bridgeport, Conn. "Kelford"

A R C—see Automatic Radio Mfg. Co.

Art Craft Mfg. Co., 22 Warren St., New York, N. Y.

Audiola Radio Co., 430 S. Green St., Chicago, Ill.

Automatic Radio Mfg. Co., 28 Cross St., Boston, Mass. "A R C"

Barrett & Paden, 1314 Sedgwick St., Chicago, Ill. "B & P"

Beacon Radio Mfg. Co., 323 Berry St., Brooklyn, N. Y.

Benjamin Electric Mfg. Co., 128 S. Sangamon St., Chicago, Ill.

Bestone—see Hyman & Co.

Big Three Radio Corp., 16 Hudson St., New York, N. Y.

Bisby Mfg. Co., 54 Warren St., New York, N. Y.

✓Bockin Electric Mfg. Co., 71 E. Olive Blvd., Freeport, N. Y. Cataloged on page 48.

Boone Radio Corp., J. T. 3469 E. Jefferson Ave., Detroit, Mich.

B & P—see Barrett & Paden

Bradleydenser — see Allen-Bradley Co.

Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.

✓Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "B-T" See advertisements, pages 49, 127, 133 and 171.

B-T—see Bremer-Tully Mfg. Co.

Buell Mfg. Co., 2975 Cottage Grove Ave., Chicago, Ill.

Caldbeck Tool & Mfg. Co., 307 E. Third St., Des Moines, Iowa "Demcal"

Camfield Radio Mfg. Co., 829 Harrison St., Oakland, Cal.

Cardwell Mfg. Corp., Allen D., 81 Prospect St., Brooklyn, N. Y.

Case—see Indiana Mfg. & Electric Co.

Certified—see Radio Condenser Co.

Chelsea Radio Co., 150 Fifth St., Chelsea, Mass.

Chelton Electric Co., 4861 Stenton Ave., Philadelphia, Pa.

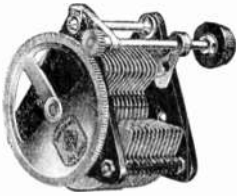
✓Commodore Metal Stamping Corp., 88-90 Walker St., New York, N. Y. Cataloged on page 49.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

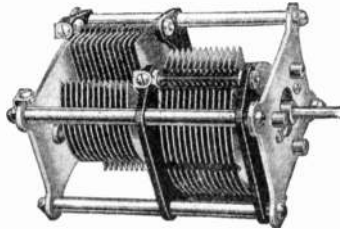
GENERAL RADIO

INSTRUMENTS

are the
Universal Standards of Quality



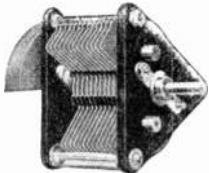
Type 217-H
Geared Condenser
Price \$5.00



Type 374-F
S-L-W Condenser, Price \$7.00



Type 285
Audio Transformer
Price \$6.00



Type 217-F
Plain Condenser
Price \$1.00

THE set-builder of today is a shrewd parts buyer. He knows how to select instruments that are properly designed electrically and mechanically. He knows how to get the most in performance for a moderate price. General Radio parts will give it to him. That is why so many dealers are concentrating upon General Radio parts. Naturally, they sell readily on their own merits and allow the dealer his full margin of profit.



Type 271
M. F. Transformer
Price \$5.00

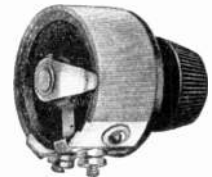


Type 368
Micro-Condenser
Price \$1.25

If you are not getting your share of parts business, write for our latest parts Catalog 924.

GENERAL RADIO CO

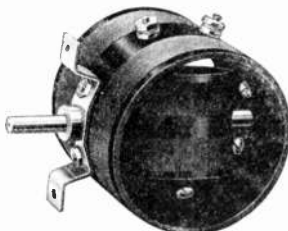
Cambridge 39, Mass.



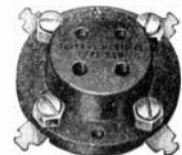
Type 301
Rhoostat. Price \$1.25



Type 277-D
Coupling Coil
Price \$1.50



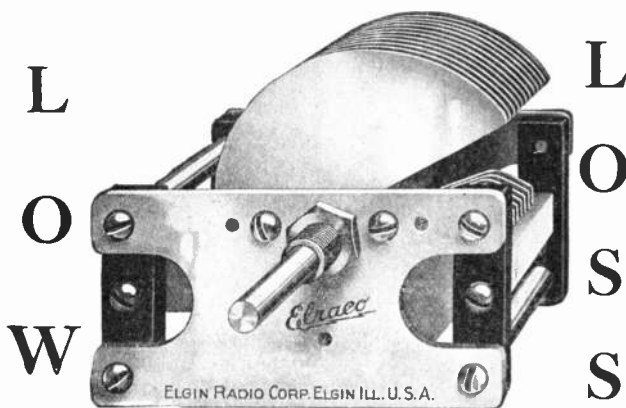
Type 268
Vario-Coupler. Price \$2.75



Type 349
UX Tube Socket
Price 50c.

"Behind the Panels of Better Built Sets"

SUPREME!



"AT A REASONABLE PRICE"
Small in Size—Light in Weight



HIGHEST EFFICIENCY



Elraco

THE WORLD'S FINEST CONDENSER

When you use The New "ELRACO" Condenser there is no crowding of low wave stations. Due to special construction and assembly methods, the following is the result

**More Volume—Better Tone and
Easier Tuning "At A Reasonable Price"**

No.	Plates		PRICE
25	11	.00025 M. F. Capacity.....	\$2.75
35	17	.00035 M. F. Capacity.....	2.85
50	23	.0005 M. F. Capacity.....	3.00

"ELRACO" Condensers are now in their fourth successful year and are built by folks who know how and who have been producing precision work for over 25 years. Our reputation is your guarantee. A real proposition to set manufacturers.

ELGIN RADIO CORPORATION

65-67 North State St., ELGIN, ILLINOIS

Radio Division of

THE ELGIN TOOL WORKS, Inc., Elgin, Ill., U. S. A.

"Your Condenser Makes a Difference"

CONDENSERS, Variable Continued

Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn.

Conrad Bros., 1609 Cooper Ave., Evergreen, L. I., N. Y.

Coto-Coil Co., 87 Willard Ave., Providence, R. I.

Crofoot—see Premier Electric Co.

Cruver Mfg. Co., 2456 Jackson Blvd., Chicago, Ill. "Proudfoot"

Danodon—see Ipsen, Henrik

Davidson Radio Corp., 134 Livingston St., Brooklyn, N. Y. "Rasia"

Day-Fan—see Dayton Fan & Motor Co.

Dayton Fan & Motor Co., Dayton, Ohio "Day-Fan"

DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.

Demcal—see Caldbeck Tool & Mfg. Co.

Die-Kast Condenser Corp., 25 W. 43d St., New York, N. Y.

Doran & Sons, James C., 150 Chestnut St., Providence, R. I.

Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York, N. Y. "Varladon" See advertisement, page 42.

Dungan - Sternfield Radio Sales, 25 N. Dearborn St., Chicago, Ill.

Duplex Condenser & Radio Corp., 26 Flatbush Ave., Ext., Brooklyn, N. Y. See advertisement, page 49.

D. X. L. Radio Corp., 5769 Stanton Ave., Detroit, Mich.

Dymac—see Electrical Products Mfg. Co.

Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y.

Eisemann Magneto Corp., 165 Broadway, New York, N. Y.

Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I., "Dymac"

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"

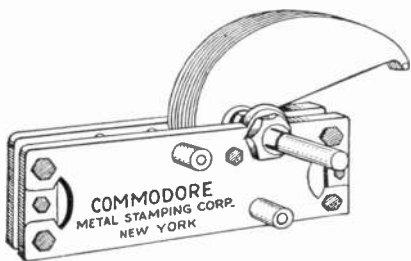
Elgin Radio Corp., 65-67 N. State St., Elgin, Ill. "Elraco" Cataloged on page 48.

Elkay—see Langbein-Kaufman Radio Co.

Eloc Radio Corp., 88 E. Kinney St., Newark, N. J.

Elraco—see Elgin Radio Corp.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



Commodore VARIABLE CONDENSER

A real S.L.F. Condenser designed for more even wave distribution, trouble-free operation and compact assembly. Measures but 5-in. in length with rotor plates extended. Brass construction with aluminum end plates. Stator and Rotor Plates pinnned.

	<i>List Price</i>
13 Plate—.0003 mfd.	\$2.50
17 Plate—.00038 mfd.	2.75
23 Plate—.0005 mfd.	3.00

COMMODORE METAL STAMPING CORP.
Electrical and Radio Apparatus
88-90 Walker St., New York City

for set manufacturers

Variable Air Dielectric Condensers

made by the instrument house of
THOMPSON-LEVERING CO.
Philadelphia, Pa.

Unlimited facilities for design, development and quantity production.

Efficient service to set manufacturers, quality of product and dependable schedule of deliveries.

To set manufacturers seeking a reliable source of supply we will be glad to have you send us your specifications and requirements or we will send you one of our engineers.

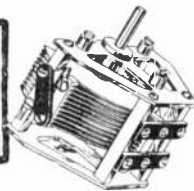
"Makers of Highest Grade Electrical Testing Instruments for Over Twenty Years"

Thompson-Levering Co., Inc.
351 to 361 North 57th Street,
Philadelphia, Pa., U. S. A.

DUPLIX

DUPLIX STANDARD

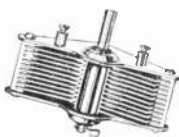
Made to Bureau of Standards specifications. All standard capacities. Plain and vernier.



DUPLIX MATCHED CONDENSERS

Specially tested, matched and packed in sealed cartons of 3. For uniform dial settings and simplified logging.

DUPLIX CONDENSER & RADIO CORP.
26 Flatbush Ave. Extension, Brooklyn, N. Y.

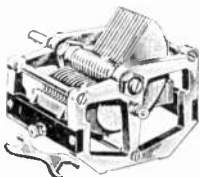


DUPLIX JUNIOR

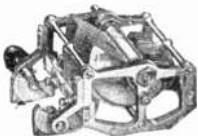
A good, low-priced condenser. Die-cast rotor. Bakelite insulation. Many other features.

CONDENSERS

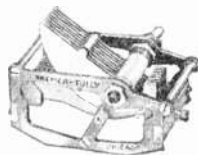
B-T CONDENSERS LEAD THE WORLD



*All
Types*



*All
Sizes*



BUT NO EQUAL IN QUALITY

BREMER-TULLY MFG. CO., 532 S. Canal St., Chicago, Ill.

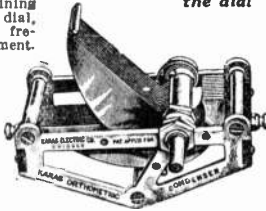
When writing advertisers, please mention THE RADIO TRADE DIRECTORY

KARAS Orthometric Condensers

—positively eliminate any crowding whatever of stations on any part of the dial

This wonderful, new, scientifically designed condenser positively separates all adjoining wave-lengths by equal distances on the dial, giving full benefit of the 10 kilocycle frequency separation fixed by the government.

This means marvelous simplicity in tuning—no crowding of over half the allotted wave-lengths into the first 25 points on the dial. KDKA comes in where it belongs—at 53—leaving lots of room for the 52 wave-lengths that must come in below it. Made entirely of brass—die stamped—every joint soldered—grounded frame and rotor—adjustable cone bearings. Write—



Karas Electric Co., 4040 N. Rockwell St., Chicago

CONDENSERS, Variable Continued

Erla-See Electrical Research Laboratories

Faradon—see Wireless Specialty Apparatus Co.

Federal Telephone Mfg. Corp., Buffalo, N. Y.

Ferbend Electric Co., 429 W. Superior St., Chicago, Ill. "Maxmin"

Fett & Kimmel Co., Bluffton, Ohio

Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"

Freed-Elseman Radio Corp., Manhattan Bridge Plaza, Brooklyn, N. Y.

Freshman Co., Chas., 240 W. 40th St., New York, N. Y.

Furnell Mfg. Corp., 24 Scott St., Newark, N. J.

Gardner & Hepburn, 21st St. & Washington Ave., Philadelphia, Pa. "Quaker"

General Instrument Corp., 423 Broome St., New York, N. Y.

General Radio Co., Cambridge, Mass. See advertisement, page 47.

Gillfillan Bros., 1815 W. 16th St., Los Angeles, Cal.

Gleason Corp., 559 W. Monroe St., Chicago, Ill. "James, Jr."

Gormac Electric Co., 311 W. 59th St., New York, N. Y.

Goyer Co., Willimantic, Conn. "Windham" See advertisement, page 50.

Gray Brothers, Plano, Ill.

Green Seal — see Air-Way Electric Appliance Corp.

Grosser Sons Co., B., 55 Sudbury St., Boston, Mass. "Nol-Los"

Haig & Haig Mfg. Co., 25 S. Water St., Rochester, N. Y. "Stratline"

Harkness Radio Corp., Kenneth, 727 Frelinghuysen Ave., Newark, N. J.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

Hartman Electrical Mfg. Co., 34 E. Fifth St., Mansfield, Ohio

Hayden Radio & Research Co., A. C., Brockton, Mass. "A.C.H."

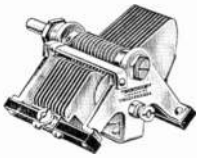
Hayes Products Co., 1301 Fulton St., Grand Haven, Mich.

Heath Radio & Electric Mfg. Co., 207 First St., Newark, N. J. "Radiant"

Henninger Corp., A. F., 4509 Ravenswood Ave., Chicago, Ill. "Power-Plus"

H & H—see Hart & Hegeman Mfg. Co.

Hoban Receiver Holder Corp., 516 W. 41st St., New York, N. Y.



Small Rigid Durable

The "WINDHAM"

Variable Condenser and Wire Former

For cutting and shaping

This condenser features an adjustable brake for balancing the rotor, practical separation of the short wave stations and small compact construction. The Base is tapped for sub-panel mounting screws.

The wire former is used for making accurate loops for No. 4, 6, 8, and 10 screws. As a sharp cutter, it cuts the toughest wire.

Prices and descriptive catalogs on request

THE GOYER CO. Willimantic, Conn.



The Original One Hole Mount

DeJUR

ONE HOLE MOUNT RHEOSTATS

Fourteen exclusive features make De Jur the only rheostat with a positive connection plate. Widely advertised.

OTHER DE JUR PRODUCTS

Adapters
Condensers

Grid Leaks
Phone Plugs
Potentiometers

Sockets
Mountings

Write for catalog of complete line of De Jur products.

DeJUR PRODUCTS Co
Lafayette and Broome Sts., New York City

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CONDENSERS, Variable Continued

- Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
- Hudson Terminal Radio & Electric Co., 30 Church St., New York, N. Y.
- Hyman & Co., Henry, 220 W. 14th St., New York, N. Y. "Bestone"
- Illinois—see Johnson, Geo. F.
- Imperial Electric Mfg. Co., 58 Columbia St., Newark, N. J. "Puradyne"
- Indiana Mfg. & Electric Co., Case Bldg., Marion, Ind. "Case"
- Ipsen, Henrik, 69 Liberty St., Brooklyn, N. Y. "Variogold" "Danodon" "Solow"
- James, Jr. — see Gleason Corp.
- Johnson, Geo. F., 625 Black Ave., Springfield, Ill. "Illinois"
- Kantshort—see Sherman Radio Distributing Co.
- Kapaciton Co., 26 Elliott Pl., Jersey City, N. J.
- Kar Engineering Co., 79 E. 130th St., New York, N. Y.
- ✓Karas Electric Co., 4040 N. Rockwell St., Chicago, Ill. See advertisements, pages 50, 61 and 170.
- K. B. Mfg. Co., 222 Eighth St., San Francisco, Cal.
- Kelford—see American Specialty Co.
- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See inside Back Cover.
- King Quality Products, Inc., Rano St., Buffalo, N. Y.
- Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio
- ✓Langbein-Kaufman Radio Co., Dept. O. 511 Chapel St., New Haven, Conn. "Elkay" See advertisement, page 114.
- Liberty Screw Products Co., 383 Shrewsbury St., Worcester, Mass.
- Lincoln Radio Corp., 151 W. 28th St., New York, N. Y.
- Lombardi Radio Mfg. Co., 71 Minerva St., Derby, Conn.
- Lubree Mfg. Co., 210 Canal St., New York, N. Y.
- McCorkle-Ensign Co., 428 Erie St., Elmira, N. Y. "Red Jacket"
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
- Manhattan Electrical Supply Co., 17 Park Pl., New York, N. Y. "Red Seal"
- Mar-Co — see Martin-Copeland Co.
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"
- Maxmin — see Ferbend Electric Co.
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio, "Muzada"
- Meco—see Metropolitan Electric Co.
- Metric Instrument Co., 141 Wooster St., New York, N. Y.
- Metropolitan Electric Co., Fine Arts Bldg., Des Moines, Iowa "Meco"
- Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.
- Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. "M. R. L."
- Morse Co., Frank W., 289 Congress St., Boston, Mass.
- Morton & Borks, Stockton, Cal.
- M. R. L.—see Montrose Radio Laboratories
- Mueller Instrument Co., 206 Ashley St., Hartford, Conn.
- Muzada — see Mazda Radio Mfg. Co.
- Na-ald—see Alden Mfg. Co.
- National Chelsea Radio Corp., 739 Boylston St., Boston, Mass.
- Nazeley Co., J., 1824 Park Ave., Weehawken, N. J.
- Neutrowound Radio Mfg. Co., 1721 Prairie Ave., Chicago, Ill. "S-L-F"
- New York Coll Co., 338 Pearl St., New York, N. Y.
- Nol-Los — see Grosser Sons Co.
- Nu-Tone—see Perfection Machine & Mfg. Works
- Pacent Electric Co., 91 Seventh Ave., New York, N. Y.
- Pearl Radio Corp., 1033 Race St., Philadelphia, Pa. "Pearlco" "American"
- Pearlco — see Pearl Radio Corp.
- Perfection Machine & Mfg. Works, 314-22 Market St., Newark, N. J. "Nu-Tone"
- Perlezz Radio Corp., 664 W. Austin Ave., Chicago, Ill.
- Phenix Radio Corp., 114 E. 25th St., New York, N. Y.
- Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
- Pilot Electric Mfg. Co., 323 Berry St., Brooklyn, N. Y.
- Potter Tool & Machine Works, 79 E. 130th St., New York, N. Y.
- Power-Plus—see Henninger Corp.
- Precise Mfg. Co., 254 Mill St., Rochester, N. Y. "Syncrodenser"
- Precision Machine Co., 404 W. Tenth St., Indianapolis, Ind.
- Preferred Radio Products Corp., 408 E. 93d St., New York, N. Y.
- Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill. "Crofoot"
- Proudfoot — see Cruver Mfg. Co.
- Puradyne—see Imperial Electric Mfg. Co.
- Quaker—see Gardiner & Hepburn
- Quam Radio Corp., 1925 S. Western Ave., Chicago, Ill.
- Radiant—see Heath Radio & Electric Mfg. Co.
- Radio Condenser Co., Thorne & Copewood Sts., Camden, N. J. "Certified"
- Radio Industries Corp., 131 Duane St., New York, N. Y. "Rico"
- Radio Products Co., Westport, Conn. "R.P.C."
- Rasla—see Davidson Radio Corp.
- Red Jacket—see McCorkle-Ensign Co.
- Reichmann Co., 1725 W. 74th St., Chicago, Ill. "Thorola"
- Reliance Die & Stamping Co., 501 N. La Salle St., Chicago, Ill.
- Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.
- Rico—see Radio Industries Corp.
- R. P. C.—see Radio Industries Corp.
- ✓Royal Radio Products Co., 628 Callowhill St., Philadelphia, Pa. "Acorn" See advertisement, page 183.
- Sampler Radio Corp., 34 35th St., Brooklyn, N. Y.
- ✓Samson Electric Co., Canton, Mass. See advertisement, page 46.
- ✓Seovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.
- Shelbyville Radio Parts Mfg. Co., 809 S. Harrison St., Shelbyville, Ind.
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.
- ✓Silver-Marshall, 102 S. Wash Ave., Chicago, Ill. "S-M" See advertisement, page 173.
- Sittmann & Sons G., 105 Liberty St., Brooklyn, N. Y.
- S-L-F — see Neutrowound Radio Mfg. Co.
- S-M — see Silver-Marshall
- Solow—see Ipsen, Henrik
- Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.
- Steinite Laboratories, Radio Bldg., Atchison, Kans.
- Stewart Metal Products Co., 723 N. Milwaukee Ave., Chicago, Ill.
- Straitline—see Haig & Haig Mfg. Co.
- Strand Electrical Apparatus, 170 Pleasant St., Walden, Mass.
- Streamline Radio Co., 221 Fulton St., New York, N. Y.
- Stuckeman Bros., 204 Warrington Ave., Pittsburgh, Pa.
- Sumter Radio Mfg. Co., Telephone St., Sumter, S. Car.

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CONDENSERS, Variable Continued

- Superola Radio Corp., 565 Broadway, New York, N. Y.
Syncrodenser — see Precise Mfg. Corp.
- ✓**Teleradio Engineering Corp.**, 490 Broome St., New York, N. Y. Cataloged on page 152.
- ✓**Thompson-Levering Co.**, 351-61 N. 57th St., Philadelphia, Pa. See advertisement, page 49.
- Thorola—see Reichmann Co.
- Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.
- Trans-Atlantic Radio Products Corp., 117 E. 24th St., New York, N. Y.
- Triangle Atlantic Corp., 349 Adams St., Brooklyn, N. Y.
- Unilog Radio Corp., 4101 S. Union Ave., Chicago, Ill.
- United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio.
- United Scientific Laboratories, Inc., 80 Fourth Ave., New York, N. Y.
- U. S. Tool Co., Ampere, N. J.
- Un-X-Ld—see Forman & Co.
- Variadon—see Dubilier Condenser & Radio Corp.
- Vario-Gold — see Ipsen, Henrik
- Venus Radio Corp., 220 Fulton St., New York, N. Y.
- Vesco Radio Co. 6428 E. 14th St., Oakland, Cal.
- Viking Tool & Machine Co., 745 15th St., Brooklyn, N. Y. "Wade"
- Wade — see Viking Tool & Machine Co.
- Walbert Mfg. Co., 945 Wrightwood Ave., Chicago, Ill.
- Walnut Electric Mfg. Co., 308 Green St., Chicago, Ill.
- Waltham Radio Co., 53 Moody St., Waltham, Mass.
- Wade — see Viking Tool & Machine Co.
- ✓**Warner Bros. Co.**, Metal Division, Bridgeport, Conn. See advertisement, page 161.
- Warren Radio Corp., 52 Vanderbilt Ave., New York, N. Y.
- Waterbury Button Co., Waterbury, Conn.
- Westwyre Co., 283 Eln. St., Westfield, Mass.
- White Beauty Electric Co., 4416 N. Western Ave., Chicago, Ill.
- Windham—see Goyer Co.
- Wireless Radio Corp., 182 Lafayette St., New York, N. Y.
- Wireless Shop, 150 Glendale Blvd., Los Angeles, Cal.

- ✓**Wireless Specialty Apparatus Co.**, (Jamaica Plain), Boston, Mass. "Faradon" See advertisement, page 44.
"X" Laboratories, 25 W. 45th St., New York, N. Y.

CONDENSERS, Variable Vernier

- Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.
- Ajax—see Philmore Mfg. Co.
- Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
- ✓**Alden Manufacturing Co.**, Dept. D-6, Springfield, Mass. "Na-ald" Cataloged on page 145.
- American—see Pearl Radio Corp.
- Amsco Products Inc., 416 Broome St., New York, N. Y.
- Beacon Radio Mfg. Co., 323 Berry St., Brooklyn, N. Y.
- Bisby Mfg. Co., 54 Warren St., New York, N. Y.
- ✓**Bremer-Tully Mfg. Co.**, 532 N. Canal St., Chicago, Ill. "B-T" See advertisements, pages 49, 127, 133 and 171.
- Bruno Radio Corp., 221 Fulton St., New York, N. Y.
- B. T. — see Bremer-Tulley Mfg. Co.
- Buell Mfg. Co., 2975 Cottage Grove Ave., Chicago, Ill.
- Caldbeck Tool & Mfg. Co., 307 E. Third St., Des Moines, Iowa "Demcal"
- Certified—see Radio Condenser Co.
- Chelsea Radio Co., 150 Fifth St., Chelsea, Mass.
- Chelten Electric Co., 4861 Stenton Ave., Philadelphia, Pa. "Midget" "Radioscope" "Microfarad, Jr."
- Coto-Coil Co., 87 Willard Ave., Providence, R. I.
- Counterdon — see Harkness Radio Corp.
- Crofoot—see Premier Electric Co.
- Cruver Mfg. Co., 2455 Jackson Blvd., Chicago, Ill. "Proudfoot"
- De Forest Radio Tel & Tel. Co., 124 Sherman Ave., Jersey City, N. J.
- ✓**DeJur Products Co.**, Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
- Demcal—see Caldbeck Tool & Mfg. Co.
- ✓**Duplex Condenser & Radio Corp.**, 26 Flatbush Ave., Ext., Brooklyn, N. Y. See advertisement, page 49.
- ✓**Elgin Radio Corp.**, 65-67 N. State St., Elgin, Ill. "Eliraco" Cataloged on page 48.
- Eliraco — see Elgin Radio Corp.
- Federal Telephone Mfg. Corp., Buffalo, N. Y.
- Fett & Kimmel Co., Bluffton, Ohio
- Gardiner & Hepburn, 21st St. & Washington Ave., Philadelphia, Pa.
- ✓**General Radio Co.**, Cambridge, Mass. See advertisement, page 47
- Gleason Corp., 559 W. Monroe St., Chicago, Ill. "James, Jr."
- Hammarlund Mfg. Co., 424 W. 33d St., New York, N. Y.
- Harkness Radio Corp., Kenneth, 727 Frelinghuysen Ave., Newark, N. J. "Counterdon"
- Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
- Harvey & Walton Mfg. Co., 32 E. Front St., Cincinnati, Ohio. "Ohio"
- Heath Radio & Electric Mfg. Co., 207 First St., Newark, N. J. "Radiant"
- H & H—see Hart & Hegeman Mfg. Co.
- Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
- James, Jr. — see Gleason Corp.
- Jones Radio Mfg. Co., Jos. W., 40-46 W. 25th St., New York, N. Y.
- ✓**Kellogg Switchboard & Supply Co.**, 1066 W. Adams St., Chicago, Ill. See Inside Back Cover
- Manhattan Electrical Supply Co., 17 Park Pl., New York, N. Y. "Red Seal"
- Mar-Co—see Martin-Copeland Co.
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"
- Microfarad, Jr.—see Chelten Electric Co.
- Midget—see Chelten Electric Co.
- Mignon Industries & Export Co. — see Niagara Sales Corp.
- Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. "M. R. L."
- M. R. L. — see Montrose Radio Laboratories.
- Na-ald—see Alden Mfg. Co.
- ✓**National Co.**, 110 Brookline St., Cambridge, Mass. See advertisement, page 62.
- Nelslide — see Stag Sales Corp.
- Nelson Tool Co.—see Stag Sales Corp.
- New York Coil Co., 338 Pearl St., New York, N. Y.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

CONDENSERS, Variable Vernier Continued

Niagara Sales Corp., 3 Waverly Pl., New York, N. Y. (Sole Distributors for Mignon Industries & Export Co., Rochester, N. Y.)

Nu-tone—see Perfection Machine & Mfg. Works

Ohio—see Harvey & Walton Mfg. Co.

Operadio Corp., 8 S. Dearborn St., Chicago, Ill.

Pearl Radio Corp., 1033 Race St., Philadelphia, Pa. "Pearico" "American"

Pearlco — see Pearl Radio Corp.

Perfection Machine & Mfg. Works, 314 Market St., Newark, N. J. "Nu-tone"

Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

Pilot Electric Mfg. Co., 323 Berry St., Brooklyn, N. Y.

Preferred Radio Products Corp., 408 E. 93d St., New York, N. Y.

Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill. "Crofoot"

Proudfoot—see Cruver Mfg. Co.

Radiant—see Heath Radio & Electric Mfg. Co.

Radio Condenser Co., Thorne & Copewood Sts., Camden, N. J. "Certified"

Radioscope — see Chelton Electric Co.

Red Seal — see Manhattan Electrical Supply Co.

Reliance Die & Stamping Co., 501 N. La Salle St., Chicago, Ill.

✓Scovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.

Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.

Sittmann & Sons, G., 105 Liberty St., Brooklyn, N. Y.

Stag Sales Corp., 105 W. 40th St., New York, N. Y. (Sole Distributors for Nelson Tool Co., New York, N. Y.) "Neislide"

Triangle Atlantic Corp., 349 Adams St., Brooklyn, N. Y.

United Radio Corp., 15 Caledonia St., Rochester, N. Y.

United Scientific Laboratories, Inc., 80 Fourth Ave., New York, N. Y.

U. S. Tool Co., Ampere, N. J.

Wade Mfg. Co., 1819 Broadway, New York, N. Y.

Westwyre Co., 283 Elm St., Westfield, Mass.

White Co., O. C., 17 Hermon St., Worcester, Mass.

"X" Laboratories, 25 W. 45th St., New York, N. Y.

CONNECTING BOXES, Cable—

see Boxes, Cable Connecting

CONNECTING CLIPS—

see Clips, Connecting

CONNECTIONS, Brass Wire—

see Connectors, Solderless

CONNECTOR PLUGS, Multiple—

see Plugs, Multiple Cable

CONNECTORS, Multiple Phone—

see Boxes, Multiple Phone
also Plugs, Multiple Phone

CONNECTORS, Solderless Bus-Wire

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"

Erla—see Electrical Research Laboratories

Frankel Connector Co., 177 Hudson St., New York, N. Y.

Ideal Commutator Dresser Co., Sycamore, Ill.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Morse Co., Frank W., 289 Congress St., Boston, Mass.

Morsing—see Newark Watch Case Material Co.

Newark Watch Case Material Co., 15 Ward St., Newark, N. J. "Morsing"

Sherman Mfg. Co., H. B., Battle Creek, Mich.

CONNECTORS, Solderless Lead-in

✓Butts, C. W., 44 Hedden Pl., East Orange, N. J. "Eureka" See advertisement, page 97.

Eureka—see Butts, C. W.

CONTACT POINT FILES—

see Files, Contact Point

CONTACT POINTS—

see Points, Contact
also Platinum

CONTACTS, Platinum—

see Platinum

CONTACTS, Switch

✓Aerovox Wireless Corp., 459-93 Broome St., New York, N. Y. See advertisement, page 43.

A. & F. Electrical Mfg. Co., 2256 N. Keeler Ave., Chicago, Ill.

Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"

Ajax—see Philmore Mfg. Co.

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Lisby Mfg. Co., 54 Warren St., New York, N. Y.

✓Blake & Johnson Co., Waterbury, Conn. See advertisement, page 119.

Chapman Machine Co., Terryville, Conn.

✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.

Federal Telephone Mfg. Corp., Buffalo, N. Y.

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

Gillfillan Bros., 1815 W. 16th St., Los Angeles, Cal.

Green Seal — see Air-Way Electric Appliance Corp.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

H & H—see Hart & Hegeman Mfg. Co.

Hipco—see Hipwell Mfg. Co.

Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa. "Hipco"

Howard Radio Co., 469 E. Ohio St., Chicago, Ill.

✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See inside Back Cover.

King Quality Products, Inc., Rano St., Buffalo, N. Y.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

**CONTACTS, Switch
Continued**

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
 Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"
 Millimeter Machine Works, 542 W. 22d St., New York, N. Y.
 Mohawk Corp. of Illinois, 222 Diversey Parkway, Chicago, Ill.
 Morris, Walter C., 168 Rositer Ave., Yonkers, N. Y.
 Morse Co., Frank W., 289 Congress St., Boston, Mass.
 Muzada — see Mazda Radio Mfg. Co.
 Parkin Mfg. Co., Grand Ave., San Rafael, Cal.
 Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
 Waterbury Mfg. Co., 236 Grant St., Waterbury, Conn.

**CONTINUOUS
HINGES—**

see Hinges, Continuous

**CONTINUOUS
WAVE POWER
TRANSFORMERS—**

see Transformers, Power

**CONTROLS,
Micrometer—**

see Attachments, Vernier
 also Dials, Vernier

**COPPER CLAD
ANTENNA WIRE—**

see Wire, Copper Clad
 Steel

COPPER RIBBON—

see Wire, Flat or Strip
 Copper Antenna

COPPER RIVETS—

see Rivets, Brass and Cop-
 per

COPPER, Rod—

see Brass and Copper,
 sheet

COPPER, Sheet—

see Brass and Copper,
 sheet

COPPER TUBING—

see Tubing, Brass and Cop-
 per

COPPER WASHERS—

see Washers, Brass and
 Copper

COPPER WIRE—

see Wire, Brass and Cop-
 per

COPPERS,**Electric Soldering—**

see Irons, Electric Solder-
 ing

COPPERS, Soldering

Fahlberg Mfg. Co., E. D.
 Madison, Wis.

CORD, Flexible Lamp

Amelectric — see American
 Electrical Works

American Electrical Works,
 Phillipsdale, It. I. "Amelec-
 tric"

American Steel & Wire Co.,
 208 S. La Salle St., Chi-
 cago, Ill.

Bishop Wire & Cable Corp.,
 420 E. 25th St., New York,
 N. Y.

✓Cornish Wire Co., 30 Church
 St., New York, N. Y. "Cor-
 wico" See advertisement,
 page 194.

Corwico — see Cornish Wire
 Co.

Davis-Jones Insulated Wire
 Co., Pawtucket, R. I.

Goldmark Co., James, 83
 Warren St., New York,
 N. Y. (Gen. Sales Agents
 for New England Electrical
 Works, Lisbon, N. H.)

New England Electrical
 Works—see Goldmark Co.

Philadelphia Insulated Wire
 Co., 200 N. Third St.,
 Philadelphia, Pa.

Providence Insulated Wire
 Co., 58 Waldo St., Provi-
 dence, R. I.

Rome Wire Co., Rome, N. Y.

**CORD,
Flexible Telephone—**

see Cord, Flexible Tinsel

CORD, Flexible Tinsel

Belden Mfg. Co., 2320 S.
 Western Ave., Chicago, Ill.

Goldmark Co., James, 83
 Warren St., New York,
 N. Y. (Gen. Sales Agents
 for New England Electrical
 Works, Lisbon, N. H.)

✓Kellogg Switchboard & Sup-
 ply Co., 1066 W. Adams
 St., Chicago, Ill. See In-
 side Back Cover.

New England Electrical
 Works—see Goldmark Co.

Philadelphia Insulated Wire
 Co., 200 N. Third St.,
 Philadelphia, Pa.

CORD, Telephone—

see Cord, Flexible Tinsel

CORD TIP JACKS—

see Jacks, Cord Tip

CORD TIP PLUGS—

see Plugs, Cord Tip

CORD TIPS—

see Tips, Cord

CORDS, Battery—

see Cables, Multiple Bat-
 tery

CORDS, Extension

✓Alden Manufacturing Co.,
 Dept. D-6, Springfield,
 Mass. "Nu-ald" Cataloged
 on page 145.

American Fabric Co., 46
 Baker St., Providence, R.I.

Belden Mfg. Co., 2320 S.
 Western Ave., Chicago, Ill.

B.M.S.—see Brooklyn Metal
 Stamping Corp.

Brach Mfg. Co., L. S., 127
 Sussex Ave., Newark, N. J.

✓Brooklyn Metal Stamping
 Corp., 718 Atlantic Ave.,
 Brooklyn, N. Y. "B.M.S."
 Cataloged on page 63.

✓Crescent Braid Co., Provi-
 dence, R. I. "Premier"
 "Premier, Jr." See adver-
 tisement, pages 34 and 55.

**CORDS, Extension
Continued**

- ✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
- De Luxe Sales Co., 163 Greene St., New York, N. Y.
- Four Way Co., 29 Worthington St., Springfield, Mass.
- Frost, Herbert H., 314 W. Superior St., Chicago, Ill.
- Maxwell Mfg. Co., 170 Third St., Chelsea, Mass.
- Morse Co., Frank W., 239 Congress St., Boston, Mass.
- Na-aid—see Alden Manufacturing Co.
- Premier—see Crescent Braid Co.
- Premier, Jr—see Crescent Braid Co.
- Ramo Radio Products Co., 135 Liberty St., New York, N. Y.
- Runzel-Lenz Electric Mfg. Co., 1751 North Western Ave., Chicago, Ill.
- Victor Instrument Mfg. Co., 236 W. 55th St., New York, N. Y.
- Wilkins Electric Mfg. Corp., 52 Oravangum St., White Plains, N. Y.

CORDS, Flexible—see *Cords, Telephone***CORDS, Head-Set—**see *Cords, Telephone***CORDS, Loud Speaker**see *Cords, Telephone***CORDS, Multiple
Battery—**see *Cables, Multiple Battery***CORDS, Receiver—**see *Cords, Telephone***CORDS, Telephone**

- Ajax—see Philmore Mfg. Co.
- Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
- American Electric Co., 6401 S. State St., Chicago, Ill.
- American Fabric Co., 46 Baker St., Providence, R. I.

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Crescent Braid Co., Inc., Providence, R. I.

- Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.
- Birnbach Radio Co., 370 Seventh Ave., New York, N. Y.
- Bisby Mfg. Co., 54 Warren St., New York, N. Y.
- Blue Ribbon—see Crescent Braid Co.
- ✓Crescent Braid Co., Providence, R. I. "Blue Ribbon." See advertisements, pages 34 and 55.
- ✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
- De Luxe Sales Co., 163 Greene St., New York, N. Y.

Duro—see McEvoy, C. H.

- Frost, Herbert H., 314 W. Superior St., Chicago, Ill.
- Gavitt Mfg. Co., West Brookfield, Mass.
- Goodrich-Lenhart Mfg. Co., Hamburg, Pa.
- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Leich Electric Co., Genoa, Ill.
- McEvoy, C. H., 430 Broadway, Lowell, Mass. "Duro"
- Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
- Rex Radio Works, 1820 Montrose Ave., Chicago, Ill.
- Runzel-Lenz Electric Mfg. Co., 1751 North Western Ave., Chicago, Ill.
- Stromberg-Carlson Telephone Mfg. Co., 1060 University Ave., Rochester, N. Y.
- Wilkins Electric Mfg. Corp., 52 Oravangum St., White Plains, N. Y.

CORDS, Tinsel—see *Cords, Telephone***COTTON COVERED
WIRE—**see *Wire, Magnet***COUNTERSINKS**

- Braunsdorf-Mueller Co., 205 Madison St., Elizabeth, N. J.
- Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric."
- Brubaker & Bros., W. L., 50 Church St., New York, N. Y.
- Cleveland Twist Drill Co., 1242 E. 49th St., Cleveland, Ohio
- Deuse, J. S., Chester, Conn. "Rose"
- Goodell-Pratt Co., Wells St., Greenfield, Mass.
- Greenfield Tap and Die Corp., Sanderson St., Greenfield, Mass.
- Mayhew Steel Products, Inc., Shelburne Falls, Mass.
- Morse Twist Drill & Machine Co., 163 Pleasant St., New Bedford, Mass.
- National Twist Drill & Tool Co., 6522 Brush St., Detroit, Mich.
- Pratt & Whitney Co., Hartford, Conn.
- Radio-Lectric—see Bridgeport Hardware Mfg. Corp.
- Rose—see Deuse, J. S.
- Snell Mfg. Co., Fiskdale, Mass.
- Standard Tool Co., 6900 Central Ave., Cleveland, Ohio
- Starrett Co., J. S., 165 Crescent St., Athol, Mass.
- ✓Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.
- Swan Co., Jas., 279 Bank St., Seymour, Conn.
- Syracuse Twist Drill Co., 936 Grape St., Syracuse, N. Y.
- Whitman & Barnes Mfg. Co., E. Exchange St., Akron, Ohio

COUPLERS, Oscillator

- ✓Aero Products, Inc., 1772 Wilson Ave., Chicago, Ill. See advertisement, page 183.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**COUPLERS, Oscillator
Continued**

- ✓All-American Radio Corp., 4201 Belmont Ave., Chicago, Ill. See advertisement, page 161.
- Autodyne—see Precision Coil Co.
- B. M. S. — see Brooklyn Metal Stamping Corp.
- ✓Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "B. T." See advertisements, pages 49, 137, 133 and 171.
- ✓Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. "B. M. S." Cataloged on page 63.
- B. T.—see Bremer-Tully Mfg. Co.
- Cardwell Mfg. Corp., Allen D., 81 Prospect St., Brooklyn, N. Y.
- Celco—see Central Engineering Laboratories
- Central Engineering Laboratories, 3345 N. Lincoln St., Chicago, Ill. "Celco"
- Columbia Radio Corp., 155 N. Union Ave., Chicago, Ill.
- Elkay — see Langbein-Kaufman Radio Co.
- Fischer & Co., G. H., 2604 Myrtle Ave., Glendale, L. I., N. Y.
- Hilco—see Hill Mfg. Co.
- Hill Mfg. Co., A. E., 80 Mangum St., Atlanta, Ga. "Hilco"
- Independent Radio Corp., Real Estate Trust Bldg., Phila., Pa. "R. B. C."
- Klentz Radio Co., 2324 N. Sawyer Ave., Chicago, Ill.
- ✓Langbein-Kaufman Radio Co., Dept. T., 511 Chapel St., New Haven, Conn. "Elkay" See advertisement, page 114.
- Lincoln Radio Corp., 151 W. 28th St., New York, N. Y.
- New York Coil Co., 338 Pearl St., New York, N. Y.
- Precision Coil Co., 209 Centre St., New York, N. Y. "Autodyne"
- Radio-Lectric — see Bridgeport Hardware Mfg. Corp.
- Radio Receptor Co., 106 Seventh Ave., New York, N. Y. "R.R."
- Ray-Dee-Aircraft Mfg. Co., 12 E. Central Ave., Redland, Cal.
- R. B. C.—see Independent Radio Corp.
- Richardson Radio, Inc., Foster Ave. & Hulst St., Long Island City, N. Y.
- R. R. — see Radio Receptor Co.
- ✓Samson Electric Co., Canton, Mass. See advertisement, 46.
- Sangamo Electric Co., Springfield, Ill.

✓Silver-Marshall, 102 S. Wabash Ave., Chicago, Ill. "S-M" See advertisement, page 173.

S-M—see Silver-Marshall

**COUPLERS, Vario—
see Variocouplers****COVERS, Leather or
Fabric Head Band**

Russell Mfg. Co., Middletown, Conn.

**CRYSTAL CUPS—
see Holders, Crystal****CRYSTAL
DETECTORS—
see Detectors, Crystal****CRYSTAL SETS—
see Sets, Crystal****CRYSTALS, Mounted**

- For Crystal Detectors—see Detectors, Crystal; for Unmounted Crystals—see Crystals, Unmounted.*
- A-1—see California Radio Minerals
- Adbrin Laboratories, 469 Broad St., Newark, N. J.
- ✓Aerovox Wireless Corp., 489-93 Broome St., New York, N. Y. See advertisement, page 43.
- Airia Crystal Co., 1402 Seventh Ave., Moline, Ill.
- Ajax—see Philmore Mfg. Co.
- Anchor Co., 420 Wood St., Pittsburgh, Pa. "Anchorite"
- Anchorite—see Anchor Co.
- Argentine Radio Corp., 303 E. Fourth St., Los Angeles, Cal.
- Atomite—see Keystone Products Co.
- B-Metal Refining Co.—see Star Crystal Co.

- Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.
- Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.
- Brownlie & Co., Roland, 21 Saunders St., Medford, Mass.
- California Radio Minerals, 904 Oak Grove Ave., Burlingame, Cal. "A-1"
- Case Toy & Sales Co., 7250 Kelley St., (Hornwood Sta.), Pittsburgh, Pa.
- Celerundum Radio Products Co., 170 Summer St., Boston, Mass.
- Cherington Radio Products, Inc., Waukegan, Ill. "C-R-P"
- Chief Radio Crystal Co., 608 E. Fifth St., Los Angeles, Cal.
- Clearco Crystal Co., Idaho Springs, Colo.
- C-R-1—see Cherington Radio Products, Inc.
- Death Valley — see Pacific Radio Specialty Co.
- Detron Sales Co., Security Bldg., St. Louis, Mo.
- ✓Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York, N. Y. See advertisement, page 42.
- Durban Electric Co., 400 N. Laramie Ave., Chicago, Ill.
- Dutec—see Dubilier Condenser & Radio Corp.
- D-X—see Specialty Service Co.
- El Picacho Mining Co., Las Vegas, Nev.
- F—see Foote Radio Corp.
- Foote Radio Corp., 1609 Summers St., Philadelphia, Pa. "F"
- Ford Co., K. N., 1411 Alta Vista Blvd., Los Angeles, Cal. "Radiogrand"
- Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"
- Freshman Co., Chas., 240 W. 40th St., New York, N. Y.
- Gold Medal — see Morris, Walter C.
- Goldite—see Hamburg Bros.
- Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.
- Gracite—see Waltham Radio Products Co.
- Haller, W. B., 2100 Sarah St., S. S., Pittsburgh, Pa. "Hallorio"
- Hallerio—see Haller, W. B.
- ✓Hamburg Bros., 420-22 Seventh Ave., Pittsburgh, Pa. "Goldite." See advertisement, page 75.
- Hargraves, C. E. & H. T., Lakewood, R. I. "Sligo"

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

CRYSTALS, Mounted

Continued

Hatfield & Son, H. D., 4655 Hollywood Blvd., Hollywood, Cal. "Mexican"

Hearwell Electric Co., 53 Devonshire St., Boston, Mass.

James—see Star-King Co.

Johnson Radio Co., Bernays, 481 Broad St., Newark, N. J.

✓Keystone Products Co., 304 Gardina Ave., Royal Oak, Mich. "Atomite" See advertisement, page 57.

K. O. Products Co., 510 Divisadero St., San Francisco, Cal.

Lee Electric & Mfg. Co., 220 Eighth St., San Francisco, Cal. "Lemco"

Lemco—see Lee Electric & Mfg. Co.

Los Angeles Radio Supply Co., 1052 E. Vernon Ave., Los Angeles, Cal.

Mar-Co — see Martin-Copeland Co.

Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"

Melodian Laboratories, Independence, Mo. "Melody King"

Melody King—see Melodian Laboratories.

Mexican—see Hatfield & Son

Miller Radio Co., A. H. 1259 W. Grand Blvd., Detroit, Mich.

Morris, Walter C., 168 Rosster Ave., Yonkers, N. Y. "Gold Medal" "Silver Medal"

NAA—see Newman-Stern Co.

Neverfail—see Post Trading Co.

Newman-Stern Co., 1744 E. 12th St., Cleveland, Ohio "NAA"

Noble & Co., F. H., 535 W. 59th St., New York, N. Y.

Novelty Radio Mfg. Co., 204 S. Fourth St., St. Louis, Mo. "Stayput"

Pacific Radio Specialty Co., 17 S. Orianna St., Philadelphia, Pa. "Death Valley"

Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

✓Phoenix Radio Laboratory, 114 S. Central Ave., Phoenix, Ariz. See advertisement, page 57.

Post Trading Co., 33 W. 42d St., New York, N. Y. "Neverfail"

Radiogrand—see Ford Co.

Reinhardt & Co., E. F., 220 N. Fourth St., St. Louis, Mo. "Silverblend"

Roll-O Radio Corp., 35 W. Pearl St., Cincinnati, Ohio

Rusonite Products Corp., 15 Park Row, New York, N. Y.

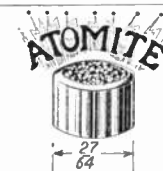
**MOUNTED CRYSTALS
RADIO MINERALS**

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Phoenix Radio Laboratory

114 S. Central Ave.

Phoenix, Ariz.



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DETECTORS**
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"Have built over 50 sets including 3-4 tube Grimes and used Nion without a single failure On straight Regenerative and R. F. I omit Grid Leak and connect 22½ volt tap to crystal improving tone 100% without affecting volume or distance. I have found no other so dependable. Sincerely, H. Peigh, 647 N. Lawndale, Chicago.

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**CRYSTALS, Mounted
Continued**

"7/11"—see Wilmat Co.
 Silgo—see Hargraves, C. E. & H. T.
 Silver Medal — see Morris, Walter C.
 Silverblend—see Reinhardt & Co.
 Specialty Service Co., 9 Hanson Pl., Brooklyn, N. Y. "D-X"
 Star Crystal Co., 527 Woodward Ave., Detroit, Mich. (Sole Distributors for B-Metal Refining Co., Detroit, Mich.)
 Star-King Co., 200 Davis St., San Francisco, Cal. "James."
 Stayput—see Novelty Radio Mfg. Co.
 Sunset—see U. S. Mfg. & Dist. Co.
 Tip-Top Crystal Co., 216 Market St., Newark, N. J.
 T. N. T. Radio Products Co., 1344 Fillmore St., San Francisco, Cal.
 Trimount Trading Co., 61 Court St., Boston, Mass.
 United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio
 U. S. Mfg. & Dist. Co., 308 Halsey St., Newark, N. J. "Sunset"
 Un-X-Ld—see Forman & Co.
 Waltham Radio Products Co., 218 Fulton St., New York, N. Y. "Gracite"
 W. C.—see Westville Mfg. Co.
 Westville Mfg. Co., 705 Chestnut St., Philadelphia, Pa. "W. C."
 Wilmat Co., Union League Bldg., Los Angeles, Cal. "7/11"
 Wonder State Crystal Co., Bathurst Bldg., Little Rock, Ark.

CRYSTALS, Unmounted

For Mounted Crystals—see Crystals, Mounted; for Crystal Detectors—see Detectors, Crystal.

A-1 — see California Radio Minerals Co.
 Adrin Laboratories, 469 Broad St., Newark, N. J.
 Ajax—see Philmore Mfg. Co.
 Alaskan—see Lynn Radio Specialty, Inc.
 All-Point Mfg. Co., 2905 W. Euclid Ave., Detroit, Mich.
 Argentite Radio Corp., 303 E. Fourth St., Los Angeles, Cal.
 Audion—see Taylor Electric Co.
 Bisby Mfg. Co., 54 Warren St., New York, N. Y. "Supertone"
 Black Diamond — see Classy Specialty Co.

Brady, J. J., 681 Monadnock Bldg., San Francisco, Cal.
 California Radio Minerals, 904 Oak Grove Ave., Burlingame, Cal. "A-1"
 Chief Radio Crystal Co., 608 E. Fifth St., Los Angeles, Cal.
 Christy Radio Crystal Co., 141 E. Fourth St., Cincinnati, Ohio
 Classy Specialty Co., 1422 Providence St., Cincinnati, Ohio "Black Diamond"
 El Picacho Mining Co., Las Vegas, Nev.
 F—see Foote Radio Corp.
 Foote Radio Corp., 1609 Summer St., Philadelphia, Pa. "F"
 Illinois Radio Engineering Co., 3508 W. 26th St., Chicago, Ill. "Klear-Rite"
 James—see Star-King Co.
 Kelso Nation-1 Mining Co., Georgetown, Colo.
 Klear-Rite — see Illinois Radio Engineering Co.
 Lynn Radio Specialty, Inc., 1355 E. 53d St., Chicago, Ill. "Alaskan"
 McCarthy Radio Products Co., 921 N. Ainsworth St., Tacoma, Wash. "Mount Tacoma"
 Melodian Laboratories, Independence, Mo. "Melody King"
 Melody King — see Melodian Laboratories
 Mexite—see Wolverine Radio Co.
 Miller Radio Co., A. H., 1259 W. Grand Blvd., Detroit, Mich.
 Morris, Walter C., 168 Rosister Ave., Yonkers, N. Y.
 Mount Tacoma—see McCarthy Radio Products Co.
 MPM Sales Co., 247 S. Central Ave., Los Angeles, Cal.

NAA—see Newman-Stern Co.
 Newman-Stern Co., 1744 E. 12th St., Cleveland, Ohio "NAA"

Non-Skid Crystal Mfg. Co., 917 Fuller St., Kansas City, Mo. "Shur-Hot."
 Pacific Screw Co., 645 N. E. 53d St., Portland, Ore. "Silverblend"

Parkin Mfg. Co., Grand Ave., San Rafael, Cal.
 Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

Phoenix Radio Laboratory, 114 S. Central Ave., Phoenix, Ariz. See advertisement, page 57.

Radio Engineering Co., 16 Union Ave., New Rochelle, N. Y.

Radio Minerals Co., 1935 Hazelwood Ave., Detroit, Mich.

Shamrock Harkness — see Shamrock Mfg. Co.

Shamrock Mfg. Co., 196 Waverly Ave., Newark, N. J. "Shamrock Harkness"

Shur-Hot — see Non-Skid Crystal Mfg. Co.

Silverblend — see Pacific Screw Co.

Star-King Co., 200 Davis St., San Francisco, Cal. "James"

Steinitz Laboratories, Radio Bldg., Atchison, Kans.

Supertone — see Bisby Mfg. Co.

Taylor Electric Co., 1206 Broad St., Providence, R. I. "Audion"

Thoma Radio Co., J. H., 1435 Beaver Ave., Pittsburgh, Pa.

Trimount Trading Co., 61 Court St., Boston, Mass.

W. C.—see Westville Mfg. Co.

Westville Mfg. Co., 705 Chestnut St., Philadelphia, Pa. "W. C."

Wolverine Radio Co., 103 W. Atwater St., Detroit, Mich. "Mexite"

Wonder State Crystal Co., Bathurst Bldg., Little Rock, Ark.

CUPS, Crystal—

see Holters, Crystal

**CURRENT
TRANSFORMERS—**

see Transformers, Power

**CUSHIONS,
Rubber Phone**

Ajax—see Philmore Mfg. Co.

Alden Manufacturing Co., Dept. D-6, Springfield, Mass. "Nu-ald" Cataloged on page 145.

Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio

Goodrich Rubber Co., B. F., Akron, Ohio

May Rubber Co., 826 Arch St., Philadelphia, Pa. "Radiphone"

Na-ald—see Alden Manufacturing Co.

Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

Radio Industries Corp., 131 Duane St., New York, N. Y. "Rico"

Radiphone—see May Rubber Co.

Rico—see Radio Industries Corp.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

CUSHIONS, Rubber Set

Neodyne Associates, 165 Broadway, New York, N. Y. "Radiofeet"

Radiofeet — see Neodyne Associates

Spuntex Products Co., 329 W. Baltimore St., Baltimore, Md.

CUSHIONS, Rubber Socket

Illinois Radio Co., 800 S. Fourth St., Springfield, Ill.

CUSHIONS, Telephone Ear—

see Cushions, Rubber Phone

CUT-IN RELAYS—

see Relays, Cut-in

CUTTERS, Panel Hole

Rotary Hack Saws and Expanding Cutters for cutting holes in panels for instruments.

Able Tool & Engineering Co., 536 W. Elm St., Chicago, Ill. "Atec"

Atec—see Able Tool & Engineering Co.

Garrison-Rumely, 3020 Sheridan Rd., Chicago, Ill.

General Hardware Mfg. Co., 34 Warren St., New York, N. Y. "Pawood"

Hugue Mfg. Co., 146 Broadway, Brooklyn, N. Y.

Jiffy—see Koch & Co.

Koch & Co., Paul W., 17 S. Wells St., Chicago, Ill. "Jiffy"

Little Wonder—see Poeppel Novelty Works.

Misener & Irving Mfg. Co., 312 E. Genesee St., Syracuse, N. Y.

Pawood—see General Hardware Mfg. Co.

Poeppel Novelty Works, 1800 Berenice Ave., Chicago, Ill. "Little Wonder"

Radiogem Corp., 66 W. Broadway, New York, N. Y. "Ragemco"

Ragemco — see Radiogem Corp.

Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.

CUTTING, Panel—

see Panels, Cutters, Drillers and Engravers of

DECALCOMANIA TRANSFERS—

see Transfers, Decalcomania

DESKS, Radio—

see Tables, Radio

DETECTOR TUBES—

see Tubes, Vacuum

DETECTORS, Crystal

Advance Electric Co., 1260 W. Second St., Los Angeles, Cal.

Aerovox Wireless Corp., 489-93 Broome St., New York, N. Y. See advertisement, page 43.

Ajax—see Philmore Mfg. Co.

Ajax Electric Co., 18 Palmer St., Cambridge, Mass.

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

All-Point Mfg. Co., 2905 W. Euclid Ave., Detroit, Mich.

Argentine Radio Corp., 303 E. Fourth St., Los Angeles, Cal.

Baker-Smith Co., New Call Bldg., San Francisco, Cal. (Sole Distributors for G. & S. Radio Research Laboratory, Los Angeles, Cal.)

Bisby Mfg. Co., 54 Warren St., New York, N. Y. "Supertone."

B-Metal Refining Co. — see Star Crystal Co.

B. M. S.—see Brooklyn Metal Stamping Corp.

Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.

Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.

Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. "B. M. S." Cataloged on page 63.

Brownlie & Co., Roland, 21 Saunders St., Medford, Mass.

Bug—see Hearwell Electric Co.

Bunnell & Co., J. H., 32 Park Pl., New York, N. Y. "Jove"

California Radio Products Co., Los Angeles, Cal. "Calrad"

Calrad—see California Radio Products Co.

Carborundum Co., Buffalo & 18th Sts., Niagara Falls, N. Y.

Celerundum Radio Products Co., 170 Summer St., Boston, Mass. "De-Tex-It"

Chelten Electric Co., 4861 Stenton Ave., Philadelphia, Pa.

Crystalstat—see Star Crystal Co.

Crystector—see Welty & Co.

Davidson Radio Corp., 134 Livingston St., Brooklyn, N. Y. "Rasla"

Death Valley Sematect—see Pacific Radio Specialty Co.

De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.

DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.

De-Tex-It—see Celerundum Radio Products Co.

Dixie Distance Crystal Co., Covington, Ky.

Electric City Novelty & Mfg. Co., 120 Odell St., Schenectady, N. Y. "Radio"

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Eria"

Electro-Chemical Laboratories, 461 Central Ave., Jersey City, N. J.

Erisman Laboratories, 3785 Broadway, New York, N. Y. "Pyratek"

Eria—see Electrical Research Laboratories.

Federal Telephone Mfg. Corp., Buffalo, N. Y.

5-in-1 — see Roll-O Radio Corp.

Flash Radio Corp., 127 Federal St., Boston, Mass.

Flynn — see United Metal Stamping & Radio Co.

Foote Radio Corp., 1609 Summer St., Philadelphia, Pa. "Variotector" "Footetector"

Foote-Tector — see Foote Radio Corp.

Ford Co., K. N., 1411 Alta Vista Blvd., Los Angeles, Cal. "Radiogrand"

Freshman Co., Chas., 240 W. 40th St., New York, N. Y.

Giffillan Bros., 1815 W. 16th St., Los Angeles, Cal.

G. & S. Radio Research Laboratory — see Baker-Smith Co.

Haller, W. B., 2100 Sarah St., S. S., Pittsburgh, Pa. "Hallerio"

Hallerio—see Haller, W. B.

Hargraves, C. E. & H. T., Lakewood, R. I. "Silver Dome"

Harkness Radio Corp., Kenneth, 727 Frelinghuysen Ave., Newark, N. J.

Harvey & Walton Mfg. Co., 32 E. Front St., Cincinnati, Ohio

**DETECTORS, Crystal
Continued**

Haydon & Haydon, 73 Warren St., New York, N. Y.
 Hearwell Electric Co., 53 Devonshire St., Boston, Mass. "Bug"
 Jove—see Bunnell & Co.
Keystone Products Co., 304 Gardina Ave., Royal Oak, Mich. "Nion" See advertisement, page 57.
 Lincoln Mfg. Co., 1149 Santee St., Los Angeles, Cal.
 Lip-Tone Detector Co., 15 Central Ave., Revere, Mass.
 Los Angeles Sales Co., 1211 W. Sixth St., Los Angeles, Cal.
 Mar-Co—see Martin-Copeland Co.
 Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"
 Melodian Laboratories, Independence, Mo. "Melody King"
 Melody King—see Melodian Laboratories
 Miller Radio Co., A. H., 1259 W. Grand Blvd., Detroit, Mich.
 Nion—see Keystone Products Co.
 Novelty Radio Mfg. Co., 204 S. Fourth St., St. Louis, Mo. "Stayput"
 Pacent Electric Co., 91 Seventh Ave., New York, N. Y.
 Pacific Radio Specialty Co., 17 S. Orianna St., Philadelphia, Pa. "Death Valley Sematect"
 Parkin Mfg. Co., Grand Ave., San Rafael, Cal.
 Parkston Co., Schenectady, N. Y.
 Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
 Presto Detector Co., 1641 Stout St., Denver, Colo.
 Pyratek—see Erisman Laboratories
 Radetec—see Towner Radio Mfg. Co.
 Radio Engineering Co., 16 Union Ave., New Rochelle, N. Y.
 Radio Receptor Co., 106 Seventh Ave., New York, N. Y.
 Radio Specialty Co., 98 Park Pl., New York, N. Y. "Rasco Crysodyne"
 Radlogrand—see Ford Co.
 Radjo—see Electric City Novelty & Mfg. Co.
 Rasco Crysodyne—see Radio Specialty Co.
 Rasla—see Davidson Radio Corp.
 Roll-O Radio Corp., 35 W. Pearl St., Cincinnati, Ohio "5-in-1"
 R-W Mfg. Co., 224 N. Halsted St., Chicago, Ill.
 Schenectady Radio Corp., 207 State St., Schenectady, N. Y. "Scyrad"

Scientific Research Laboratories, 619 W. Franklin St., Baltimore, Md.
 Shamrock Harkness—see Shamrock Mfg. Co.
 Shamrock Mfg. Co., 196 Waverly Ave., Newark, N. J. "Shamrock Harkness"
 Scyrad—see Schenectady Radio Corp.
 Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.
 Silver Dome—see Hargraves, C. E. & H. T.
 Spade—see Tool & Device Corp.
 Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.
 Star Crystal Co., 527 Woodward Ave., Detroit, Mich. (Sole Distributors for B-Metal Refining Co., Detroit, Mich.) "Crystalstat"
 Stayput—see Novelty Radio Mfg. Co.
 Steinite Laboratories, Radio Bldg., Atchison, Kans.
 Stehmetz Wireless Mfg. Co., 5968 Baum Blvd., Pittsburgh, Pa.
 Supertone—see Bisby Mfg. Co.
 Tanner Radio Co., C. D., 528 W. Washington St., Los Angeles, Cal.
 Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.
 Tool & Device Corp., 520 Congress St., Troy, N. Y. "Spade"
 Towner Radio Mfg. Co., 2620 Victor St., Kansas City, Mo. "Radetec"
 Tritector Co., 215 Macalester Ave., St. Paul, Minn.
 United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio "Flynn"
 Varioteeter—see Foote Radio Corp.
 Waltham Radio Products Co., 218 Fulton St., New York, N. Y.
 Welty & Co., Wm. A., 36 S. State St., Chicago, Ill. "Crystector"
 Westvyr Co., 283 Elm St., Westfield, Mass.
 Wonder State Crystal Co., Bathurst Bldg., Little Rock, Ark.
 Yale Radio Electric Co., 1111 Wall St., Los Angeles, Cal.

DIAL ADJUSTERS—

see Attachments, Vernier

DIAL BUSHINGS—

see Bushings, Dial

DIAL POINTERS—

see Pointers, Dial

DIAL REAMERS—

see Reamers, Dial

DIALS, Hard Rubber—

see Dials, Rubber

DIALS, Metal

For Rubber or Composition Dials—see Dials, Rubber or Composition; also Dials, Vernier.

A.C.H.—see Hayden Radio & Research Co.
 Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
 Auld Co., D. L., Fifth Ave. & Fifth St., Columbus, Ohio
Crowe Name Plate & Mfg. Co., 1749 Grace St., Chicago, Ill. See advertisement, page 91.
 Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"
 Erla—see Electrical Research Laboratories
 Etch-Art—see Grammes & Sons.
Etched Products Corp., Queens Blvd. & Harold Ave., Long Island City, N. Y. See advertisement, page 95.
General Etching & Mfg. Co., 3070-82 W. Grand Ave., Chicago, Ill. See advertisement, page 61.
Grammes & Sons, L. F., 438 Union St., Allentown, Pa. "Etch-Art" See advertisements, pages 97 and 159.
 Hanson Co., C. H., 178 N. Clark St., Chicago, Ill.
 Hayden Radio & Research Co., A. C., Brockton, Mass. "A.C.H."
Litho-Etching Corp., 52 Vanderbilt Ave., New York, N. Y. See advertisement, page 64.
 Moss & Co., Henry, 113 W. 53d St., Brooklyn, N. Y.
 Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill.
Premier Metal Etching Co., 300-30 Van Alst Ave., Long Island City, N. Y. See advertisement, page 98.
Radiall Co., Dept. RTD 3, 50-52 Franklin St., New York, N. Y. See advertisements, pages 61 and 114.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

**DIALS, Metal
Continued**

✓ Whitehead & Hoag Co., 272
Sussex Ave., Newark, N. J.
See advertisement, page
97.

DIALS, Micrometer—

see Dials, Vernier

**DIALS, Rubber or
Composition**

For Metal Dials — see
Dials, Metal; also Dials,
Vernier.

A-C Electric Mfg. Co., Day-
ton, Ohio

Air-Way Electric Appliance
Corp., 618 Broadway, To-
ledo, Ohio "Green Seal"

Ajax—see Philmore Mfg. Co.

Ajax Electric Specialty Co.,
1926 Chestnut St., St.
Louis, Mo.

✓ Alden Manufacturing Co.,
Dept. D-6, Springfield,
Mass. "Na-uld" Cataloged
on page 145.

American Hard Rubber Co.,
11 Mercer St., New York,
N. Y. "Radion"

Amsco Products, Inc., 416
Broome St., New York,
N. Y.

Aristocrat — see Kurz-Kasch
Co.

Auburn Button Works, 48
Canoga St., Auburn, N. Y.

Beacon Radio Mfg. Co., 323
Berry St., Brooklyn, N. Y.

Bell Mfg. Co., 11 Elkins St.,
Boston, Mass.

Bennington Radio & Electric
Mfg. Co., 522 Main St.,
Bennington, Vt. "Bremco"

Bremco—see Bennington Ra-
dio & Electric Mfg. Co.

Bridgeport Die & Machine
Co., 166 Elm St., Bridge-
port, Conn.

Chelsea Radio Co., 150 Fifth
St., Chelsea, Mass.

Chelton Electric Co., 4861
Stenton Ave., Philadelphia,
Pa.

Cleveland Products Co., 714
Huron Rd., Cleveland,
Ohio.

Compo-site, Inc., 207 Astor
St., Newark, N. J. "Prem-
ier"

✓ DeJur Products Co., Lafay-
ette & Broome Sts., New
York, N. Y. See advertise-
ment, page 50.

Dutch Boy — see National
Lead Co.

Eagle Condensers, Inc., 760
Bedford Ave., Brooklyn,
N. Y.

Federal Telephone Mfg. Corp.,
Buffalo, N. Y.

Forest City Rubber Co., 1276
Ontario St., Cleveland, Ohio

Freed-Eisemann Radio Corp.,
Manhattan Bridge Plaza,
Brooklyn, N. Y.

Frost, Herbert H., 314 W.
Superior St., Chicago, Ill.

KARAS Micrometric Dial

A precision instrument that tunes accurate-
ly to the thousandth (1/1000th) part of
an inch—ratio 63 to 1. Dial turns easily
with a liquid-like smoothness.

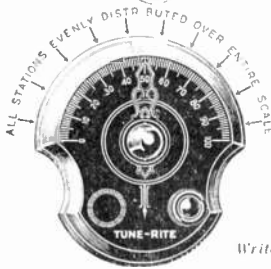
There is no possibility of even the slight-
est "back-lash." The dial turns instantly
in either direction at any point by the
slightest touch on the vernier knob. Rough
tuning is done with the larger knob.
Dial markings and numerals are gold in-
lay. There are 200 divisions in place of
the usual one hundred—making it easy to
determine the exact spot at which a given
station comes in.

A 1½-in. ALL BAKELITE black dial—of the very
HIGHEST TYPE. Price \$3.50

Karas Electric Co., 4040 N. Rockwell St., Chicago



TUNE-RITE
THE STRAIGHT-LINE FREQUENCY DIAL



The Season's Most
Sensational Seller

**A Self-Adjusting
Station Separator**

The Tune-Rite Dial converts
any ordinary condenser to
straight-line-frequency charac-
teristics.

Beautifully finished in black
and gold.

Absolutely guaranteed.

LIST PRICE \$3.50.

Manufactured by

RADIALL COMPANY

50-52 Franklin Street, New York.

Write Dept. RTD3 for a really profitable
sales proposition.

General Etching and Mfg. Co.
MANUFACTURERS OF
ETCHED AND LITHOGRAPHED
METAL PRODUCTS

**Metal Dials, Name Plates,
Cable Markers, etc.**

PANELS

*Etched metal, also Process Lettering and
Designs applied on your Bakelite or Composi-
tion Panels.*

**General Etching
and Mfg. Co.**

3070-3082 West Grand Ave.
Chicago, Ill.



*Our new plant with greatly increased facilities for serving
our steadily growing trade.*

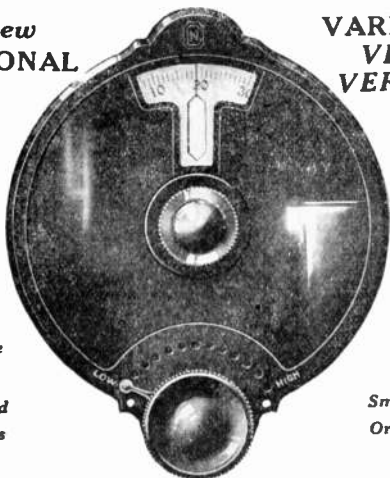
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The New NATIONAL

VARIABLE VELVET VERNIER DIAL

TYPE B

Positive Control
Easily Mounted
Gearless



Patents Pending

Variable Ratio
Velvet Smoothness
Ornamental

A modified application of our "Velvet Vernier" mechanism. Easily mounted on the 1/4-in. shaft of any standard type of variable condenser. Replaces plain dials on any receiver where sharper tuning is desired.

Reduces to any ratio from 6-1 to 86-1. This aids greatly in the separation of stations operating on the lower wave lengths. Moulded from black bakelite in ornamental design with perfectly uniform graduations.

Catalog Symbol	Specifications	Price, Nickel Finish	Price, Gold Finish
V.B.C.	Clockwise 0-200 (360°)	\$2.50	\$3.00
V.B.C.C.	Counter-Clockwise 200-0 (360°)	2.50	3.00

NATIONAL CO., Inc., Established 1914

W. A. READY, President
110 Brookline Street, Cambridge, Mass.

DIALS, Rubber or Composition Continued

- General Insulate Co., 1008 Atlantic Ave., Brooklyn, N. Y.
- General Radio Co., Cambridge, Mass. See advertisement, page 47.
- Green Seal—see Air-Way Electric Appliance Corp.
- Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
- Heath Radio & Electric Mfg. Co., 207 First St., Newark, N. J.
- Hemco—see Richards & Co.
- H & H—see Hart & Hegeman Mfg. Co.
- Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
- Insulating Company of America, (Radio Panel & Parts Corp.), 59 Warren St., New York, N. Y. See advertisement, page 96.
- Johns-Pratt Co., Hartford, Conn.
- K. B. Mfg. Co., 222 Eighth St., San Francisco, Cal.
- Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- King Quality Products, Inc., Rano St., Buffalo, N. Y.

- Kurz-Kasch Co., South Broadway & Morris Ave., Dayton, Ohio "Aristocrat"
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
- Manhattan Electrical Supply Co., 17 Park Pl., New York, N. Y. "Red Seal"
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"
- Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.
- Muzada—see Mazda Radio Mfg. Co.
- Na-ald—see Alden Mfg. Co.
- National Lead Co., 111 Broadway, New York, N. Y. "Dutch Boy"
- Nelslide—see Stag Sales Corp.
- Nelson Tool Co.—see Stag Sales Corp.
- Parkin Mfg. Co., Grand Ave., San Rafael, Cal.
- Pathe Phonograph & Radio Corp., 20 Grand Ave., Brooklyn, N. Y.
- Philmore Mfg. Co., 165 Chambers St., New York, N. Y. "Ajax"
- Pilot Electric Mfg. Co., 323 Berry St., Brooklyn, N. Y.
- Premier—see Compo-site, Inc.

Radiall Co. Dept. RTD 3
50-52 Franklin St., New York, N. Y. "Tune-Rite" See advertisements, pages 61 and 114.

Radio Sales Co., 249 W. 34th St., New York, N. Y. "Rit-One"

Radion—see American Hard Rubber Co.

Red Seal—see Manhattan Electrical Supply Co.

Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.

Richards & Co., George, 557 W. Monroe St., Chicago, Ill. "Hemco"

Rit-One—see Radio Sales Co.
Scranton Button Co., Scranton, Pa.

Shaw Insulator Co., 150 Coit St., Irvington, N. J.

Spartan Electric Corp., 99 Chambers St., New York, N. Y.

Splitdorf Electrical Co., 392 High St., Newark, N. J.

Stag Sales Corp., 105 W. 40th St., New York, N. Y. (Sole Distributors for Nelson Tool Co., New York, N. Y.) "Nelslide"

Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.

Tune-Rite—see Radiall Co.

Waterbury Button Co., Waterbury, Conn.

Watertown Mfg. Co., Watertown, Conn.

Wireless Shop, 150 Glendale Blvd., Los Angeles, Cal.

WorkRite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio

"X" Laboratories, 25 W. 45th St., New York, N. Y.

DIALS, Vernier

For Vernier Attachments—see Attachments, Vernier; for Non-Vernier Dials—see Dials, Rubber or Composition; also Dials, Metal.

Accuratune—see Mydar Radio Co.

Alden Manufacturing Co., Dept. D-6, Springfield, Mass. "Na-ald." Cataloged on page 115.

American Instrument Works, Fulton Bldg., Pittsburgh, Pa. "Split-Em"

Amsco Products, Inc., 416 Broome St., New York, N. Y.

Apeco Mfg. Co., (Radio Division), Providence, R. I. "DeLuxe" "Simplex." See advertisement, page 108.

Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ill.

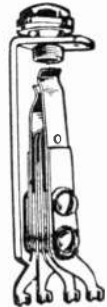
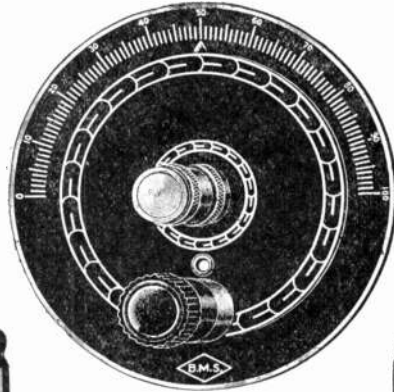
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**DIALS, Vernier
Continued**

- Baker-Smith Co., New Call Bldg., San Francisco, Cal. (Sole Distributors for Bel-Canto Radio & Telephone Equipment Co., New York, N. Y.)
- Ballston Insulating & Composition Co., Ballston Spa, N. Y.
- Bel-Canto Radio & Telephone Equipment Co.—see Baker-Smith Co.
- Bell Mfg. Co., 11 Elkins St., Boston, Mass.
- Big Three Radio Corp., 16 Hudson St., New York, N. Y.
- Branston, Chas. A., 813 Main St., Buffalo, N. Y.
- ✓Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "B-T" See advertisements, pages 49, 127, 135 and 171.
- ✓Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. "Verni-Juster" "Verni-Juster, Jr." Cataloged on page 63.
- Bruno Radio Corp., 222 Fulton St., New York, N. Y.
- B-T—see Bremer-Tully Mfg. Co.
- Cardwell Mfg. Corp., Allen D., 81 Prospect St., Brooklyn, N. Y. "Equitrol"
- Clapp-Eastham Co., 139 Main St., Cambridge, Mass. "Radak"
- Cruver Mfg. Co., 2456 Jackson Blvd., Chicago, Ill. "Proudfoot"
- DeLuxe—see Apco Mfg. Co.
- Dialog—see Walnut Electric Mfg. Co.
- Durad—see Duraplate Co.
- Duraplate Co., Summerdale Ave. & Roosevelt Rd., Philadelphia, Pa. "Durad"
- Dymac—see Electrical Products Mfg. Co.
- Electrad, Inc., 428 Broadway, New York, N. Y.
- Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"
- English-Whiteman Products, 250 W. 57th St., New York, N. Y. "En-Whit"
- En-Whit—see English-Whiteman Products
- Equitrol—see Cardwell Mfg. Corp.
- E-Z-Toon—see Kurz-Kasch Co.
- Erla—See Electrical Research Laboratories
- Freshman Co., Chas., 240 W. 40th St., New York, N. Y.
- Fynur—see Goertz & Co.
- Gee Haw—see Gischow Co.
- ✓General Radio Co., Cambridge, Mass. See advertisement, page 47.
- Gischow Co., Otto R., 125 W. 51st St., New York, N. Y. "Gee-Haw"



The new VERNI-JUSTER!

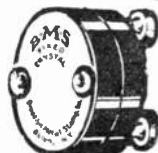
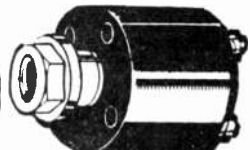


B. M. S. Radio Products are unusually efficient, rugged and dependable. Fans and manufacturers alike recognize them as leaders.

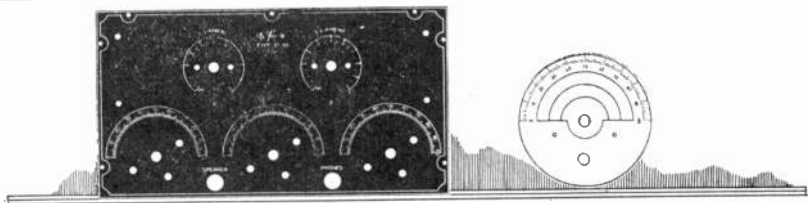
	<i>List</i>
Verni-Juster, 4-in.	\$1.50
B.M.S. Plug	.50
FanTail Jacks—	All styles
Cord with connector	1.25
Crystal Detector	1.00
Switch Jack	.50

Write for literature and discount sheet.

Brooklyn Metal Stamping Corp.
718 Atlantic Ave. Brooklyn, N. Y.



When writing advertisers, please mention THE RADIO TRADE DIRECTORY



Etched Metal Panels, Dials, and Name-Plates

THE LITHO-ETCHING CORPORATION

52 Vanderbilt Avenue,

Phone Vanderbilt 0480

New York, N. Y.

DIALS, Vernier Continued

- Goertz & Co., August, 270
Morris Ave., Newark, N. J.
"Fynur"
- Heinemann Electric Co.,
1736 N. Fifth St., Phila-
delphia, Pa. "Sensory"
- Ideal—see Mydar Radio Co.
- ✓Jewett Radio & Phonograph
Co., 5686 Telegraph Rd.,
Pontiac, Mich. "Micro-
Dial" Cataloged on pages
31, 65, 131, 151, 153, 155
and 187.
- ✓Karas Electric Co., 4040 N.
Rockwell St., Chicago, Ill.
See advertisements, pages
50, 61 and 170.
- Kurz-Kasch Co., South
Broadway & Morris Ave.,
Dayton, Ohio "E-Z-Toon
Aristocrat"
- Mar-Co — see Martin-Cope-
land Co.
- Martin-Copeland Co., 101
Sabin St., Providence,
R. I. "Mar-Co"
- Micro-Dial—see Jewett Radio
& Phonograph Co.
- Microvern—see Pacent Elec-
tric Co.
- Mohawk Corp. of Illinois,
2222 Diversey Parkway,
Chicago, Ill.
- Monosmith Brothers Co.,
Spencer, Ohio "Visco"
- Mydar Radio Co., 9 Camp-
bell St., Newark, N. J.
"Accuratune" "Ideal"
- Na-ald—see Alden Mfg. Co.
- ✓National Co., 110 Brookline
St., Cambridge, Mass. "Vel-
vet" See advertisement,
page 62.
- Pacent Electric Co., 91 Sev-
enth Ave., New York, N. Y.
"Microvern" "Radiodyle"
- Perfection Radio Mfg. Co.,
24th & Race Sts., Phila-
delphia, Pa.
- Phenix Radio Corp., 114 E.
25th St., New York, N. Y.
- Proudfoot—see Cruver Mfg.
Co.
- Radak — see Clapp-Eastham
Co.
- Radio Sales Co., 249 W. 34th
St., New York, N. Y. "Rit-
One"
- Radiodyle—see Pacent Elec-
tric Co.
- Rit-One—see Radio Sales Co.
- Sensory — see Heinemann
Electric Co.
- Shaw Insulator Co., 150 Colt
St., Irvington, N. J.
- Sheffield Trimming & Stamp-
ing Corp., 211 Centre St.,
New York, N. Y.
- Signal Electric Mfg. Co., 1915
Broadway, Menominee,
Mich.
- Simplex—see Apco Mfg. Co.
- Split-Em — see American
Instrument Works.
- Univernier—see Walbert Mfg.
Co.
- Velvet—see National Co.
- Verni-Juster — see Brooklyn
Metal Stamping Corp.
- Verni-Juster, Jr.—see Brook-
lyn Metal Stamping Corp.
- Visco—see Monosmith Broth-
ers Co.
- Walbert Mfg. Co., 945
Wrightwood Ave., Chicago,
Ill. "Univernier"
- Walmart Electric Mfg. Co.,
308 S. Green St., Chicago,
Ill. "Dialog"
- DIAMOND WEAVE
COILS—**
see Coils, Inductance
- DIAPHRAGMS, Metal**
Helmuth Co., L., 516 Fifth
Ave., New York, N. Y.
Shepard Mfg. Co., Worcester,
Mass.
- DIAPHRAGMS, Mica**
Audiphone Co. of America, 59
Cortlandt St., New York,
N. Y.
✓Brand & Co., William, 27 E.
22d St., New York, N. Y.
See advertisement, page
182.
Hirsch Mica Co., 1087 Flush-
ing Ave., Brooklyn, N. Y.
- Imico — see International
Mica Co.
- International Mica Co., 37th
& Brandywine Sts., Phila-
delphia, Pa. "Imico"
- Munsell & Co., Eugene, 68
Church St., New York,
N. Y.
- Schoonmaker Insulation Co.,
A. O., 30 University Pl.,
New York, N. Y.
- Superior Mica Diaphragm
Co., 61 Park Pl., New
York, N. Y.
- DIE CAST PARTS—**
see Castings, Die
- DIE CASTINGS—**
see Castings, Die
- DIE STOCKS—**
see Stocks, Die
- DIES—**
see Taps and Dies; also
Jigs, Dies and Fixtures
- DIVIDERS—**
See Callipers and Dividers
- DOUBLE CIRCUIT
JACKS—**
see Jacks, Phone
- DOUGHNUT COILS—**
see Transformers, Tuned
Radio Frequency

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Jobbers and Dealers

should write us at once giving full particulars of the line of business they are engaged in so that their names may be placed on or kept on our lists to receive The Radio Trade Directory regularly each quarter—without charge of course.

THE RADIO
TRADE DIRECTORY

10th Ave. at 36th St., New York



The Jewett MICRO-DIAL

Fifty times as accurate as ordinary dials, due to the fact that it is really two dials in one, each turning the full circle. A necessity on sharp-tuning sets; greatly improves reception of any set. Needs only a screwdriver to install. Built like a watch.

Material, solid bakelite. Gears operate smoothly and without noise. Calibrations optional, zero left or zero right. Lubricated for life.

Dial diameter, 4 inches; protrudes from panel only $1\frac{1}{4}$ inches—Installs where any 4-inch dial will go—Package contains twenty units, each separately packed. List price each Micro-Dial \$3.50.

"THERE IS NO SUBSTITUTE FOR THE BEST"

**JEWETT RADIO &
PHONOGRAPH COMPANY**
5686 Telegraph Road, Pontiac, Mich.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

DRILLING, Panel—

see Panels, Cutters, Drillers and Engravers of

DRILLS**Electric Portable**

Black & Decker Mfg. Co., (Towson Heights), Baltimore, Md.
 Cincinnati Electrical Tool Co., 1501 Freeman Ave., Cincinnati, Ohio
 Clark, Jr., Electric Co., James, 520 W. Main St., Louisville, Ky.
 Electro-Magnetic Tool Co., Cicero, Ill. "Speed Way"
 Gilfillan Bros., 1815 W. 16th St., Los Angeles, Cal.
 Hisey-Wolf Machine Co., Colerain & Marshall Aves., Cincinnati, Ohio
 Jones, MacNeal & Camp, Market & Detroit Sts., Warsaw, Ind. "Power King"
 Koerber, Paul A., 612 W. Adams St., Chicago, Ill.
 Power King—see Jones, MacNeal & Camp
 Speed Way—see Electro-Magnetic Tool Co.
 Standard Electric Tool Co., Central Parkway & Jackson St., Cincinnati, Ohio
 U.S.—see United States Electrical Tool Co.
 United States Electrical Tool Co., Cincinnati, Ohio. "U. S."

DRILLS,**Hand and Breast**

Goodell-Pratt Co., Wells St., Greenfield, Mass.
 Millers Falls Co., Millers Falls, Mass.
 North Bros. Mfg. Co., American St. & Lehigh Ave., Philadelphia, Pa. "Yankee"
 Stanley Rule & Level Co., 111 Elm St., New Britain, Conn.
 Yankee—see North Bros. Mfg. Co.

DRILLS, Twist

American Twist Drill & Tool Co., 2804 W. Jefferson Ave., Detroit, Mich.

Bay State Tap & Die Co., 75 Chauncy St., Mansfield, Mass.

Buckeye Twist Drill Co., Elm St., Alliance, Ohio

Cle-Forge—see Cleveland Twist Drill Co.

Cleveland Twist Drill Co., 1242 E. 49th St., Cleveland, Ohio. "Mezzo," "Cle-Forge"

Detroit Twist Drill Co., 2108 W. Fort St., Detroit, Mich.

Diamond—see Whitman & Barnes Mfg. Co.

Greenfield Tap & Die Corp., Sanderson St., Greenfield, Mass. "G.T.D."

G.T.D.—see Greenfield Tap and Die Corp.

Hercules—see Whitman & Barnes Mfg. Co.

Mezzo—see Cleveland Twist Drill Co.

Morse Twist Drill & Machine Co., 163 Pleasant St., New Bedford, Mass.

National Twist Drill & Tool Co., 6522 Brush St., Detroit, Mich.

New Process Twist Drill Co., 34 Court St., Taunton, Mass.

Pratt & Whitney Co., Hartford, Conn.

Standard Tool Co., 6900 Central Ave., Cleveland, Ohio

Syracuse Twist Drill Co., 936 Grape St., Syracuse, N. Y.

Union Twist Drill Co., Chestnut Hill Ave., Athol, Mass.

Whitman & Barnes Mfg. Co. E. Exchange St., Akron, Ohio. "Diamond," "Hercules"

Coburn Tool Co., 739 Boylston St., Boston, Mass. "Utility"

Cronk & Carrier Mfg. Co., Montour Falls, N. Y. "Elmira"

Disston & Sons., Henry, (Tacony) Philadelphia, Pa.

Elmira—see Cronk & Carrier Mfg. Co.

Goodell-Pratt Co., Wells St., Greenfield, Mass.

Harding Mfg. Co., Mansfield, Mass. "Blue Line"

Holt Co., G. L., Hartford, Conn. "Sure Holt"

Ideal—see Braunsdorf-Mueller Co.

Jiffy Grip-it—see Apex Stamping Corp.

Mayhew Steel Products, Inc., Shelburne Falls, Mass.

Miller Rubber Co., of N. Y., S. High St., Akron, Ohio "Ra-Drivers"

Millers Falls Co., Millers Falls, Mass.

Mound Tool Co., 1203 S. Seventh St., St. Louis, Mo.

New Century—see Braunsdorf-Mueller Co.

North Bros. Mfg. Co., American St. & Lehigh Ave., Philadelphia, Pa. "Yankee"

O. K.—see Braunsdorf-Mueller Co.

Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"

Pexto—see Peck, Stow & Wilcox Co.

Radiogem Corp., 66 W. Broadway, New York, N. Y. "Rageco"

Radio-Lectric—see Bridgeport Hardware Mfg. Corp.

Ra-Drivers—see Miller Rubber Co. of N. Y.

Rageco—see Radiogem Corp.

Red Devil—see Smith & Hemenway

Six-Sixty—see Smith & Co.

Smith & Co., H. D., Plantsville, Conn. "Six-Sixty"

Smith & Hemenway, Jamestown, N. Y. "Red Devil"

Stanley Rule & Level Co., 111 Elm St., New Britain, Conn.

Starrett Co., L. S., 165 Crescent St., Athol, Mass.

Sure Holt—see Holt Co.

Swan Co., Jas. 279 Bank St., Seymour, Conn.

Thompson Drop Forge Co., W. Main St., Plantsville, Conn.

Utility—see Coburn Tool Co.

Warner Hammer Co., Cromwell, Conn.

Yankee—see North Bros. Mfg. Co.

DRIVE GROUNDS—

see Rods, Ground

DRIVERS, Screw

✓ Ajax Stamping Co., Riverdale Ill. "Jiffy Grip-it." See advertisement, page 199.

Ballston Insulating & Composition Co., Ballston Spa, N. Y.

Billings & Spencer Co., Laurel & Park Sts., Hartford, Conn.

Blue Line—see Harding Mfg. Co.

Braunsdorf-Mueller Co., 205 Madison St., Elizabeth, N. J. "New Century," "O. K.," "Ideal"

Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric"

DRY BATTERIES—

see Batteries, A Dry
also Batteries, B Dry
also Batteries, C Dry

DRY CELL TUBES—

see Vacuum Tubes

**DUO-LATERAL
COILS—**

see Coils, Inductance

EAR CUSHIONS—

see Cushions, Rubber Phone

EARTH GROUNDS—

see Rods, Ground

**ELECTRIC CIGAR
LIGHTERS—**

see Lighters, Electric Cigar

ELECTRIC DRILLS—

see Drills, Electric Portable

**ELECTRIC PORTABLE
DRILLS—**

see Drills, Electric Portable

**ELECTRIC SOLDER-
ING IRONS—**

see Irons, Electric Soldering

**ELECTRICAL
TEST CLIPS—**

see Clips, Electrical Test

**ELECTRICAL
TEST SETS—**

see Sets, Electrical Testing

**ELECTRICAL
TESTING
INSTRUMENTS—**

see Sets, Electrical Testing

**ELECTROLYTE,
Storage Battery**

Evercharge Battery Electrolyte Corp., 625 Broadway, New York, N. Y.

Grasselli Chemical Co., Guardian Bldg., Cleveland, Ohio

Kalbfleisch Corp., 200 Fifth Ave., New York, N. Y.

Radiolite Co., 555 University Ave., St. Paul, Minn.

**ELECTROLYTIC
CHARGERS—**

see Rectifiers, Electrolytic

**ELECTROLYTIC
RECTIFIERS—**

see Rectifiers, Electrolytic

ELIMINATOR KITS—

see Rectifiers, Knockdown Plate Current Supply.

**ELIMINATORS,
Battery—**

see Rectifiers, Filament Current Supply

also Rectifiers, Filament and Plate Current Supply

also Rectifiers, Plate Current Supply

**ELIMINATORS,
Static—**

see Reducers, Static

EMERY CLOTH—

see Paper, Emery

EMERY PAPER—

see Paper, Emery

**ENAMELED
ANTENNA WIRE—**

see Wire, Enameled Copper

**ENAMELED WIRE,
Stranded—**

see Wire, Stranded Enameled

**ENAMELS, Baking and
Air Drying—**

see Lacquers, Crystallizing

**END WRENCHES,
Open—**

see Wrenches, Open End

**ENGRAVING
MACHINES—**

see Machines, Engraving

ENGRAVING, Panel—

see Panels, Cutters, Drillers and Engravers of

**ENGRAVINGS,
Transfer—**

see Transfers, Decalcomania

**EQUALIZING
CONDENSERS—**

see Condensers, Neutralizing

**EXPANDING
CUTTERS—**

see Cutters, Panel Hole

EXTENSION CORDS—

see Cords, Extension

EXTENSION JACKS—

see Jacks, Extension

Use felt to advantage—

In a variety of uses that is getting wider every day, felt is being used to decided advantage in radio.

Here are some of them—(1) Felt that is as soft as cotton batting, for wrapping tubes and parts, (2) Other grades for loud speaker bases (3) For "feet" on sets (4) For Washers (5) For dust proof strips in cabinets.

Few people realize the many different kinds of felt there are. Let us show you their uses!

T. R. BRAWLEY

FELT SPECIALTY MANUFACTURING COMPANY

125 77th Street, Brooklyn, N. Y. Phone South 02-30-0231
BROOKLYN NEW YORK



EYELETS, Brass

Barrett Bindery Co., 1328 W. Monroe St., Chicago, Ill.

Dallas Brass & Copper Co., 820 Orleans St., Chicago, Ill.

Grammes & Sons, L. F., 438 Union St., Allentown, Pa. See advertisements, pages 97 and 159.

Mattatuck Mfg. Co., E. Main St., Waterbury, Conn.

Platt Bros. & Co., Waterbury, Conn.

Stimpson Co., Edwin B., 74 Franklin Ave., Brooklyn, N. Y.

U. S. Shoe Machinery Corp., 205 Lincoln St., Boston, Mass.

Waterbury Brass Goods Corp., Waterbury, Conn.

Waterbury Button Co., Waterbury, Conn.

FABRIC COVERED CABINETS—

see Cabinets, Fabric

FAN COIL MOUNTINGS—

see Mountings, Fan Coil

FAN COILS—

see Coils, Inductance

FELT, Sheet

American Felt Co., 213 Congress St., Boston, Mass. See advertisement, page 69.

Booth Felt Co., 463 19th St., Brooklyn, N. Y.

Brawley, T. R., 275-77 20th St., Brooklyn, N. Y. See advertisement, page 68.

Eastern Felt Co., Canal St., Winchester, Mass.

Western Felt Works, 4031-4117 Ogden Ave., Chicago, Ill. See advertisement, page 69.

FELT STRIPS—

see Washers, Felt

FELT WASHERS—

see Washers, Felt

FIBRE HORNS—

see Horns, Composition

FIBRE PUNCHES—

see Stampings, Fibre

FIBRE STAMPINGS—

see Stampings, Fibre

FIBRE, Vulcanized

Sheet, Rod and Tube
Abaroid—see Campbell Fibre Co.

Brandywine Fibre Products Co., 15th & Walnut Sts., Wilmington, Del.

Campbell Fibre Co., Stanton, Del. "Abaroid"

Continental Fibre Co., Newark, Del.

Delaware Hard Fibre Co., Wilmington, Del. "Egyptian"

Diamond State Fibre Co., Bridgeport, Pa.

Duresto—see Spaulding Fibre Co.

Egyptian—see Delaware Hard Fibre Co.

National Vulcanized Fibre Co., (Phenolic Products Division) Wilmington, Del. "Vul-Cot." See page opposite Title Page.

Spaulding Fibre Co., 308 Wheeler St., Tonawanda, N. Y. "Duresto"

Standard Fibre Products Co., 36 Pleasant St., Watertown, Mass.

Vul-Cot—see National Vulcanized Fibre Co.

Wilmington Fibre Specialty Co., New Castle, Del.

FILAMENT BATTERIES—

see Batteries, A Dry
also Batteries, A Storage

FILAMENT CONTROL JACKS—

see Jacks, Phone

FILAMENT CURRENT SUPPLY RECTIFIERS—

see Rectifiers, Filament Current Supply.

also Rectifiers, Filament and Plate Current Supply

also Rectifiers, Plate Current Supply

FILAMENT RHEOSTATS—

see Rheostats, Battery

FILAMENT VOLTMETERS—

see Ammeters and Voltmeters, Panel

FILES, CONTACT POINT

Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.

FILES AND RASPS

American—see Nicholson File Co.

Arcade—see Nicholson File Co.

Black Diamond—see Nicholson File Co.

Chelsea File Works, Sherman St., Norwich, Conn.

Delta File Works, Tucker & James Sts., Philadelphia, Pa.

Disston & Sons, H. (Tacony), Philadelphia, Pa.

Eagle—see Nicholson File Co.

Great Western—see Nicholson File Co.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

for Manufacturers

The readers of "Radio Retailing," the business magazine of the radio industry, published by the McGraw-Hill Company, constitute an audience that deserves the consideration of every radio manufacturer.

Jobbers and dealers of radio equipment in each of the various trades that sell radio products look to the pages of "Radio Retailing" for practical sales helps. They are in an unusually receptive frame of mind to read about your own products in the advertising columns of "Radio Retailing."

Radio Retailing
10th Avenue at 36th Street
New York City



Jar Absorbers

Radio tubes are sensitive things.

In order to function efficiently and to last longer they should be well protected from all unnecessary jarring. Felt is an excellent jar absorber.

Its insulating qualities, too, make it ideal for radio purposes.

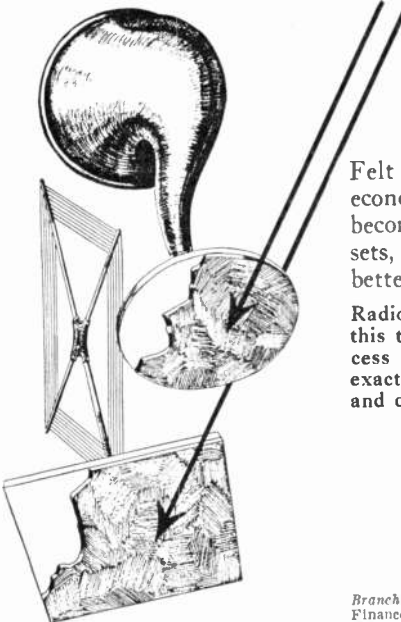
Set and parts manufacturers are only beginning to see the scores of uses to which American Felt Company's FELT is adapted in and around a radio set.

Experienced felt men at either of our branches will be glad to discuss the uses of felt in radio with manufacturers.

American Felt Company

213 Congress St. Boston
325 S. Market St. Chicago
114 East 13th St. New York

Felt for Protection



Felt has greater life—adds a finish to the loud speaker, aerial, cabinet, etc.—is more economical—felt slides easily over a polished surface, leaving no dull or marred path—it has excellent insulating qualities.

Felt is easier to handle and apply, therefore bringing economy to this process of production. Felt has become the most practical base material for radio sets, loud speakers, loop aerials, etc. Felt means better appearance and adds a selling advantage.

Radio sets, parts and accessory manufacturers can make this their headquarters for their felt supply. Entire process from converting raw wool to furnishing felt cut to exact size done in one plant, insuring quality production and quick deliveries.

Let us help you design.

Western Felt Works
4031-4117 Ogden Ave., CHICAGO

Established 1899

Manufacturers of Highest Grades of Felt

Branch Offices—42-44 E. 20th St., New York; Buhl Bldg., Detroit, Mich.; Finance Bldg., Cleveland, Ohio; 10 High Street, Boston, Mass.; Postal Telegraph Bldg., San Francisco, Calif.; 604 Equitable Bldg., St. Louis, Mo.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

FILES AND RASPS**Continued**

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 J. Barton Smith—see Nicholson File Co.
 Kearney & Foot—see Nicholson File Co.
 McClellan — see Nicholson File Co.
 Murcott & Campbell, 296 Union Ave., Brooklyn, N. Y.
 Nicholson File Co., 23 Acorn St., Providence, R. I.
 "American," "Arcade," "Eagle," "McClellan," "Kearney & Foot," "J. Barton Smith," "Great Western," "Black Diamond"

Simonds Mfg. Co., 470 Main St., Fitchburg, Mass.

Trojan—see Troy File Works
 Troy File Works, 520 Congress St., Troy, N. Y.
 "Trojan"

FILLERS, STORAGE BATTERY

Reliable Parts Mfg. Co., 2819 Prospect Ave., Cleveland, Ohio

FILTER COILS—

see Coils, Filter

FILTER CONDENSERS—

see Condensers, Filter

FILTER REACTORS—

see Reactors, Filter

FILTERS, Static—

see Reducers, Static

FILTERS, Wave—

see Traps, Wave

FITTINGS, Iron Antenna Pole

Brown, Strickler & Brown, 108 N. Jefferson St., Chicago, Ill.

Bull Dog — see Freidag Mfg. Co.

Freidag Mfg. Co., Freeport, Ill. "Bull Dog"

Mast-Kit—see U. S. Sales Co.
 Pomona Hardware Co., 227 W. Second St., Pomona, Cal.

Pressed Metal Mfg. Co., Waukesha, Wis. "Redi-Mast"

Redi-Mast — see Pressed Metal Mfg. Co.

Standard Aerial Base Co., 227 W. Second St., Pomona, Cal.

U. S. Sales Co., 19 W. 44th St., New York, N. Y.
 "Mast-Kit"

FIXED CONDENSERS—

see Condensers, Fixed

FIXED GRID-LEAKS—

see Grid-Lenks, Fixed

FIXED RESISTANCES—

see Resistances, Fixed

FIXTURES—

see Jigs, Dies and Fixtures

FLAT COPPER ANTENNA WIRE—

see Wire, Flat or Strip Copper

FLEXIBLE CORD—

see Cord, Flexible Lamp
 also Cord, Flexible Tinsel

FLEXIBLE CORDS—

see Cords, Telephone

FLEXIBLE LAMP CORD—

see Cord, Flexible Lamp

FLEXIBLE TELEPHONE CORD—

see Cord, Flexible Tinsel

FLEXIBLE TINSEL CORD—

see Cord, Flexible Tinsel

FLUID, Soldering—

see Flux, Soldering

FLUX, Soldering

Acid Supply Utilities, 316 W. 24th St., Chicago, Ill.

Allen Co., L. B., 4519 N. Lincoln St., Chicago, Ill.

Amco—see American Solder & Flux Co.

American Solder & Flux Co., 2910 N. 16th St., Philadelphia, Pa. "Amco"

Apex Stamping Co., Riverdale, Ill. "Jiffy" See advertisement, page 199.

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.

Benson Co., Alex. R., S. Bay Rd., Hudson, N. Y. "Yagers"

Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J. "Peerless"

Burnley Battery & Mfg. Co., Clay St., North East, Pa.

Callahan & Co., Geo. 218 Front St., New York, N. Y.

Coast Dry Battery Co., 1327 Rainier Ave., Seattle, Wash. "Whiz"

Crystalite — see Reade Mfg. Co.

Dielectric Mfg. Co., Vandeventer & Duncan Aves. St. Louis, Mo.

Dunton Co., M. W., 670 Eddy St., Providence, R. I. "Nokorode"

Dutch Brand—see Van Cleef Bros.

Electrical Engineers Equipment Co., (Radio Division) 708 W. Madison St., Chicago, Ill. "Solder-Clean"

Essex Mfg. Co., 40 Lawrence St., Newark, N. J.

Eureka—see Grasselli Chemical Co.

Fahlberg Mfg. Co., E. D. Madison, Wis. "Reddy Stik"

Firth Radio Corp., 25 Beaver St., New York, N. Y. "Perfecto"

Fres-Co Chemical Co., Fort Wayne, Ind.

Garden City Laboratory, 38 S. Dearborn St., Chicago, Ill.

Another Illinois Jobber says:

"We find it necessary to use this Directory from five to ten times a day."

READE'S RADIO SOLDERING FLUX

A Perfect Flux in Liquid Form For Radio Work

NO ACID—NO FUMES—NO
CORROSION—NO GREASE—
NO AFTER CLEANING

Put up in small bottles for the retail trade. READE'S FLUXES used by leading manufacturers in every line of work.

READE MFG. CO., Jersey City, N.J.

FLUX, Soldering Continued

- Grasselli Chemical Co., Guardian Bldg., Cleveland, Ohio. "Eureka"
- Imperial Soldering Fluid Co., 81 Cortlandt St., New York, N. Y.
- Incomparable — see Reade Mfg. Co.
- Jiffy—see Apex Stamping Co.
- Jones Solder-Eze Co., 105 Tipton St., Johnson City, Tenn.
- Killark Electric Mfg. Co., 3940 Easton Ave., St. Louis, Mo.
- Lukens Metal Co., Thomas F., 1105 Fairmount Ave., Philadelphia, Pa.
- McGill Mfg. Co., Valparaiso, Ind.
- Nokorode—see Dunton Co.
- Oakwood — see Weaver Specialty Co.
- Paragon Insulating Co., 5716 Euclid Ave., Cleveland, Ohio
- Peerless—see Brach Mfg. Co.
- Perfecto—see Firth Radio
- ✓ Reade Mfg. Co., Jersey City, N. J. "Incomparable" "Readina" "Crystallite" "Rendenna" See advertisement, page 71.
- Readeana — see Reade Mfg. Co.

- Readina—see Reade Mfg. Co. Corp.
- Reddy Stik—see Fahlberg Mfg. Co.
- Ruby Chemical Co., 68 McDowell St., Columbus, Ohio
- Solder-Clean—see Electrical Engineers Equipment Co.
- Special Chemicals Co., Highland Park, Ill. "Speco"
- Speco—see Special Chemicals Co.
- Van Cleef Bros., Woodlawn Ave. & 77th St., Chicago, Ill. "Dutch Brand"
- Weaver Specialty Co., 6344 Aurelia St., Pittsburgh, Pa. "Oakwood"
- Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
- Whiz—see Coast Dry Battery Co.
- Yagers—see Benson Co.

FOIL, Aluminum

- Aluminum Co., of America, Oliver Bldg., Pittsburgh, Pa.

FOIL, Tin

- Grauert, R. W., 64 W. Broadway, New York, N. Y.

- Johnston Tin Foil & Metal Co., 6106 South Broadway, St. Louis, Mo.
- Lehmaier, Schwartz & Co., 215 W. 22d St., New York, N. Y.

FORMS, Coil Winding

- ✓ Arrow Hardware Corp., 27 Vestry St., New York, N.Y. See advertisement, page 118.
- Crescent Radio Mfg. Co., 35 W. 19th St., New York, N. Y.
- De Luxe Sales Co., 163 Greene St., New York, N.Y.
- Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio

FRAMES, Hack Saw

- For Hack Saw Blades—see Blades, Hack Saw
- AAA—See Atkins & Co.
- Atkins & Co., E. C., S. Meridan St., Indianapolis, Ind. "AAA"
- Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric"
- Buffum Tool Co., Louisiana, Mo.
- Consolidated Tool Works, 296 Broadway, New York, N. Y. "Pilot"

**FRAMES, Hack Saw
Continued**

- Diamond Saw & Stamping Works, 357 Seventh St., Buffalo, N. Y. "Sterling"
- Disston & Sons, Henry (Tac-ony), Philadelphia, Pa.
- Goodell-Pratt Co., Wells St., Greenfield, Mass.
- Midget—see Stevens & Co.
- Millers Falls Co., Millers Falls, Mass.
- Pilot—see Consolidated Tool Works
- Radio-Lectric—see Bridgeport Hardware Mfg. Corp.
- Red Devil—see Smith & Hemenway.
- Smith & Hemenway, Jamestown, N. Y. "Red Devil"
- Starrett Co., L. S., 165 Crescent St., Athol, Mass.
- Sterling—see Diamond Saw & Stamping Works
- ✓Stevens & Co., 375 Broadway New York, N. Y. "Midget" Cataloged on page 198.

FRICION TAPE—

see Tape, Insulating

FURNACES, Soldering

- Fahlberg Mfg. Co., E. D., Madison, Wis. "Reddy Hot"
- Reddy Hot—see Fahlberg Mfg. Co.

FUSES, Enclosed

- Bussman Mfg. Co., 3819 N. 23d St., St. Louis, Mo.
- Chase-Shawmut Co., Newburyport, Mass.
- Chicago Fuse Mfg. Co., 1507 W. 15th St., Chicago, Ill. "Union"
- D & W Fuse Works of General Electric Co., Bridgeport, Conn.
- Johns-Pratt Co., Hartford, Conn. "Noark"
- Killark Electric Mfg. Co., 3940 Easton Ave., St. Louis, Mo.
- Noark—see Johns-Pratt Co.
- Union—see Chicago Fuse Mfg. Co.

FUSES, Tube

- Chicago Fuse Mfg. Co., 1507 W. 15th St., Chicago, Ill. "Gem"
- Davis Electric Co., Springfield, Ohio "Sentinel"
- Durad—see Duraplate Co.

- Duraplate Co., Summerdale Ave. & Roosevelt Rd., Philadelphia, Pa., "Durad"
- Gem—see Chicago Fuse Mfg. Co.
- ✓Gray Products, Inc., Poughkeepsie, N. Y. See advertisement, page 15.
- Radeco—see Radio Equipment Co.
- Radio Equipment Co., 20 Stuart St., Boston, Mass. "Radeco"
- Radio Television Co., 9410 St. Catherine Ave., Cleveland, Ohio
- Sentinel—see Davis Electric Co.
- Stanley Radio Co., 2947 Lorain Ave., Cleveland, Ohio

GAGES, Mounting—

see Jigs, Mounting

**GALENA
CRYSTALS—**

see Crystals

**GALVANOMETERS,
Testing**

- Cambridge & Paul Instrument Co. of America, Grand Central Terminal, New York N. Y.
- Thermo—see Weston Electrical Instrument Corp.
- ✓Weston Electrical Instrument Corp., 157 Weston Ave., Newark, N. J. "Thermo." See advertisement, page 12.

**GAPS, Adjustable
Spark**

- Amrad Corp., Medford Hillside, Mass.
- Beeko—see Bunnell & Co.
- Bunnell & Co., J. H., 32 Park Pl., New York, N. Y. "Beeko", "Mascot", "Dandy", "Jove"
- Dandy—see Bunnell & Co.
- Jove—see Bunnell & Co.
- Mascot—see Bunnell & Co.
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.

GAPS, Rotary Spark

- Beeko—see Bunnell & Co.
- Bunnell & Co., J. H., 32 Park Pl., New York, N. Y. "Beeko", "Dandy", "Jove", "Mascot"
- Dandy—see Bunnell & Co.
- Jove—see Bunnell & Co.
- Mascot—see Bunnell & Co.

**GARSITE
CRYSTALS—**

see Crystals

**GENERATORS, High
Frequency**

- Electric Specialty Co., 215 South St., Stamford, Conn. "Esco"
- Esco—see Electric Specialty Co.
- Western Electric Co., 100 E. 42d St., New York, N. Y.

GERMAN SILVER—

see Brass and Copper, Sheet and Rod

**GLASS BATTERY
JARS—**

see Jars, Glass Battery

**GLASS BATTERY
TRAYS—**

see Trays, Glass Battery

GLASS CABINETS

see Cabinets, Glass

**GLASS
INSULATORS—**

see Insulators, Glass

GLASS PANELS—

see Panels, Glass

GLASS SOCKETS—

see Sockets, Vacuum Tube

GLASS TEST TUBES—

see Tubes, Glass B Battery

GLASS TUBING—

see Tubing, Glass

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

**GOLD PLATED
ANTENNA WIRE—**

see Wire, Gold Plated
Antenna

GRID CONDENSERS—

see Condensers, Fixed

GRID-LEAK CLIPS—

see Holders, Grid-Leak

**GRID-LEAK
HOLDERS—**

see Holders, Grid-Leak

**GRID-LEAK
MOUNTINGS—**

see Holders, Grid-Leak

**GRID-LEAKS,
Adjustable—**

see Grid-Leaks, Variable

GRID-LEAKS, Fixed

✓Aerovox Wireless Corp., 489-
93 Broome St., New York,
N. Y. See advertisement,
page 43.

Ajax—see Philmore Mfg. Co.

✓Apco Mfg. Co., (Radio Divi-
sion), Providence, R. I.
See advertisement, page
108.

✓Arbee Mfg. Co., 68 Spring-
field Ave., Newark, N. J.
See advertisement, page
114.

Brach Mfg. Co., L. S., 127
Sussex Ave. Newark, N. J.

Cole Radio Mfg. Corp., 635
Bloomfield Ave., Bloom-
field, N. J. "Meggit"

Daven Radio Corp., 158
Summit St., Newark, N. J.

✓DeJur Products Co., Lafay-
ette & Broome Sts., New
York, N. Y. See advertise-
ment, page 50.

✓Dubilier Condenser & Radio
Corp., 4377 Bronx Blvd.,
New York, N. Y. "Meta-
leak" See advertisement,
page 42.

Durham—see International
Resistance Co.

Eagle Electric Mfg. Co., 59
Hall St., Brooklyn, N. Y.

Electrad, Inc., 428 Broadway,
New York, N. Y.

Faradon—see Wireless
Specialty Apparatus Co.

Federal Telephone Mfg.
Corp., Buffalo, N. Y.

Forman & Co., 366 Green-
wich St., New York, N. Y.
"Un-X-Ld"

Freshman Co., Chas., 240 W.
40th St., New York, N. Y.

Gem—see Wireless Products
Corp.

Goerdes Co., Fred M., 81 Mt.
Prospect Ave., Newark,
N. J.

Gotham Radio Corp., 96
Church St., New York,
N. Y.

Haydon & Haydon, 73 War-
ren St., New York, N. Y.

✓International Resistance Co.,
Philadelphia, Pa. "Dur-
ham" See page 115.

Kenman Electric Co., 296
Broadway, New York, N. Y.

Magnus Electric & Radio
Mfg. Corp., 787 E. 138th
St., New York, N. Y.

Master Radio Instrument
Co., 153 Wright St., New-
ark, N. J. "Masto"

Masto—see Master Radio In-
strument Co.

Meggit—see Cole Radio Mfg.
Corp.

Metaleak—see Dubilier Con-
denser & Radio Corp.

Metro Electric Mfg. Co., 123
Prince St., New York, N. Y.

Micamold Radio Corp., 1087
Flushing Ave., Brooklyn,
N. Y.

Morris Register Co., 29th St.
& Broadway, Council
Bluffs, Iowa

Mountford, C. E., 463 Green-
wich St., New York, N. Y.

Muter Co., Leslie F., 76th
& Greenwood Ave., Chi-
cago, Ill.

Pacent Electric Co., 91
Seventh Ave., New York,
N. Y.

Philmore Mfg. Co., 105
Chambers St., New York,
N. Y. "Ajax"

Poly—see Polymet Mfg.
Corp.

Polymet Mfg. Corp., 599
Broadway, New York, N. Y.
"Poly"

Remler Radio Mfg. Co., 182
Second St., San Francisco,
Cal.

Royalty—see Wireless Prod-
ucts Corp.

Swan-Haverstick, Inc., 143
E. State St., Trenton, N. J.

Tridot Electric Co., 16 Hud-
son St., New York, N. Y.

Un-X-Ld—see Forman & Co.
Wireless Products Corp.,
362 Broadway, New York,
N. Y. "Gem" "Royalty"

GRID-LEAKS, Variable

Allen-Bradley Co., 286 Green-
field Ave., Milwaukee, Wis.
"Bradleyleak"

Amplex Instrument Labora-
tories, 88 W. Broadway,
New York, N. Y.

Audiohm—see Electrad, Inc.
Boone Radio Corp., J. F.,
3469 E. Jefferson Ave.,
Detroit, Mich.

Bradleyleak—See Allen-Brad-
ley Co.

Brady Co., A. C., 240 W.
40th St., New York, N. Y.

Bretwood—see North Ameri-
can Bretwood Co.

✓Burton - Rogers Co., 26
Brighton Ave., Boston,
Mass. "Volt-X" See ad-
vertisement, page 11.

Central Radio Laboratories,
14 Keefe Ave., Milwaukee,
Wis., "Centralab"

Centralab—see Central Radio
Laboratories

C-H—see Cutler-Hammer
Mfg. Co.

Chelton Electric Co., 4861
Stenton Ave., Philadelphia,
Pa.

✓Colytt Laboratories, R. T.,
565 Washington Blvd., Chi-
cago, Ill. See advertise-
ment, page 74.

Cutler-Hammer Mfg. Co.,
Milwaukee, Wis. "C-H"

De Forest Radio Tel. & Tel.
Co., 124 Sherman Ave.,
Jersey City, N. J.

✓DeJur Products Co., Lafay-
ette & Broome Sts., New
York, N. Y. See advertise-
ment, page 50.

Durham & Co., 1936 Market
St., Philadelphia, Pa.

Eagle Electric Mfg. Co., 59
Hall St., Brooklyn, N. Y.

Electrad, Inc., 428 Broad-
way, New York, N. Y.
"Varlohm" "Audiohm"

Electrical Research Labora-
tories, 2500 Cottage Grove
Ave., Chicago, Ill. "Erla"

Erla—see Electrical Research
Laboratories

Essex Mfg. Co., 40 Lawrence
St., Newark, N. J. "Pall
Mall"

Firth Radio Corp., 25 Beaver
St., New York, N. Y.

Forman & Co., 366 Green-
wich St., New York, N. Y.
"Un-X-Ld"

Freshman Co., Chas., 240 W.
40th St., New York, N. Y.

Hart & Hegeman Mfg Co.,
342 Capitol Ave., Hartford,
Conn. "H & H"

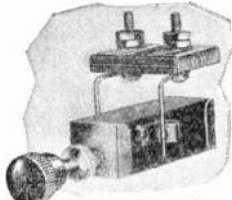
Haydon & Haydon, 73 War-
ren St., New York, N. Y.

H & H—see Hart & Hege-
man Mfg. Co.

Jones Radio Mfg. Co., Jos.
W., 40 W. 25th St., New
York, N. Y.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

Increase Distance, Volume and Clarity



(3301)

\$1.00 Complete

"Colytt" adjustable grid leak improves receiving. Gives proper value of leak in grid circuit, and holds it. Simple, compact, easy to install, only one hole in panel. Tunes any tube perfectly. Try the "Colytt" on money-back guarantee, \$1.00 complete, with full directions.

R. T. Colytt Laboratories
565 Washington Blvd., Chicago

GRID-LEAKS, Variable Continued

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Mar-Co — see Martin-Copeland Co.

Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Marco"

Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa

Mountford, C. E., 465 Greenwich St., New York, N. Y.

New York Coil Co., 338 Pearl St., New York, N. Y.

Nonoise—see Radio Foundation, Inc.

North American Bretwood Co., 145 W. 45th St., New York, N. Y. "Bretwood"

Pull Mall — see Essex Mfg. Co.

Radio Foundation, Inc., 25 W. Broadway, New York, N. Y. "Nonoise" See advertisement, page 184.

Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.

Royalty—see Wireless Products Corp.

Strand Electrical Apparatus, 170 Pleasant St., Malden, Mass.

Turn-It Radio Sales, Inc., 71 Murray St., New York, N. Y.

Un-X-Id—see Forman & Co.

Variohm—see Electrad, Inc.

Volt-X — see Burton-Rogers Co.

Walnart Electric Mfg. Co., 308 Green St., Chicago, Ill.

Wireless Products Corp., 362 Broadway, New York, N. Y. "Royalty"

GRINDERS, Electric—

see Drills, Electric

GROMMETS, Brass—

see Eyelets, Brass

GROUND CLAMPS—

see Clamps, Ground

GROUND FITTINGS—

see Rods, Ground

GROUND RODS—

see Rods, Ground

GROUND WIRE—

see Wire, Rubber Covered

GROUNDING BOXES—

see Boxes, Ground

GROUNDS, Drive—

see Rods, Ground

GUY ANCHORS—

see Anchors, Guy

HACK SAW BLADES—

see Blades, Hack Saw

HACK SAW FRAMES—

see Frames, Hack Saw

HAMMERS, Machinists

Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric"

Buffum Tool Co., Louisiana, Mo.

Maydole Hammer Co., David, 45 Lackawanna Ave., Norwich, N. Y.

Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"

Pexto—see Peck, Stow & Wilcox Co.

Radio-Lectric — see Bridgeport Hardware Mfg. Corp.

Smith & Co., H. D., Plantsville, Conn.

Stanley Rule & Level Co., 111 Elm St., New Britain, Conn.

Warner Hammer Co., Cromwell, Conn.

HAND DRILLS—

see Drills, Hand & Breast

HAND VISES—

see Vises, Hand

HARD RUBBER—

see Rubber, Hard

HARD RUBBER DIALS—

see Dials, Rubber

HARD RUBBER INSULATORS—

see Rubber, Hard

HARD RUBBER VARIOCOUPERS—

see Variocouplers

HARD RUBBER VARIOMETERS—

see Variometers

HARNESSES—

see Cables, Multiple Battery

HEAD BAND COVERS—

see Covers, Leather or Fabric Head Band

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

HEAD BANDS—

see Bands, Head

“Pennsylvania” Radio Products

HEAD-SETS, Complete

Advance Radio Mfg. Co., 1420 S. Michigan Ave., Chicago, Ill.

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Ambassador Sales Co., 108 Greenwich St., New York, N. Y.

American Electric Co., 6401 S. State St., Chicago, Ill.
“Army and Navy” “Keystone” “Victor” “Swedish-American”

American Mechanical Laboratories, 285 N. Sixth St., Brooklyn, N. Y. “AML”

AML—see American Mechanical Laboratories

Ampl-Tone—see Union Fabric Co.

Aristocrat — see Dictograph Products Corp.

Army and Navy—see American Electric Co.

Baker-Smith Co., New Call Bldg., San Francisco Cal., (Sole Distributors for Bel-Canto Radio & Telephone Equipment Co., New York, N. Y.)

Baldwin, Nathaniel, 3474 S. 23d East St., Salt Lake City, Utah

Bee-Zee Products Co., 511 Chapel St., New Haven, Conn.

Bel-Canto Radio & Telephone Equipment Co.—see Baker-Smith Co.

Bemco Mfg. Co., 243 W. 55th St., New York, N. Y.

Benwood-Linze Co., 1129 Olive St., St. Louis, Mo.

Berstan Radio Products Co., 329 Dwight St., Springfield, Mass.

Berwick—see Triangle Electric Trading Co.

Best Mfg. Co., 75 Hudson St., Newark, N. J.

Bestone—see Hyman & Co.

Big Three Radio Corp., 16 Hudson St., New York, N. Y.

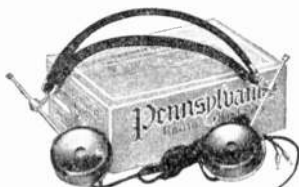
Brandes Products Corp., 233 Broadway, New York, N.Y.

Branston, Chas. A., 813 Main St., Buffalo, N. Y.

Camco Cannon-Ball — see Cannon & Miller Co.



Type E-25. List \$3.50



Type B-20 Pennsylvania Harmonized Head-Set. List \$2.75



Type A with non-adjustable unit. List \$0.00

Type AA with adjustable unit. List \$10.00

HAMBURG BROS.

420-422 Seventh Ave., Pittsburgh, Pa.

Camco Grand—see Cannon & Miller Co.

Cannon & Miller Co., Springwater, N. Y. “Camco Cannon-Ball” “Camco Grand”

CIC—see Connecticut Instrument Co.

Connecticut Instrument Co., 219 South St., Stamford, Conn. “CIC”

Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn.

Cory & Son, Chas., 183 Varlick St., New York, N. Y.

De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.

De Luxe — see International Radio Telephone Apparatus Co.

Delta Electric Co., Nebraska & 33d Sts., Marion, Ind. “Gold Stripe”

Dependable — see Trimm Radio Mfg. Co.

Dictograph Products Corp., 220 W. 42d St., New York, N. Y. “Aristocrat”

Duraphones — see Warren Radio Phone Mfg. Co.

Dymac — see Electrical Products Mfg. Co.

Elsemann Magneto Corp., 165 Broadway, New York, N. Y.

Electrical Apparatus Co., 5922 Commonwealth Ave., Detroit, Mich.

Electrical Products Mfg Co., 69 Sprague St., Providence, R. I. “Dymac”

Elwood Electric Co., 990 Housatonic Ave., Bridgeport, Conn.

Essex Mfg. Co., 40 Lawrence St., Newark, N. J.

Everytone—see Pacent Electric Co.

Excello — see Rex Radio Works

Federal Telephone Mfg. Corp., Buffalo, N. Y.

Friedlander-Kopple Radio Service, 149 Church St., New York, N. Y. “Welbilt”

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

Globe Phone Mfg. Co., Reading, Mass.

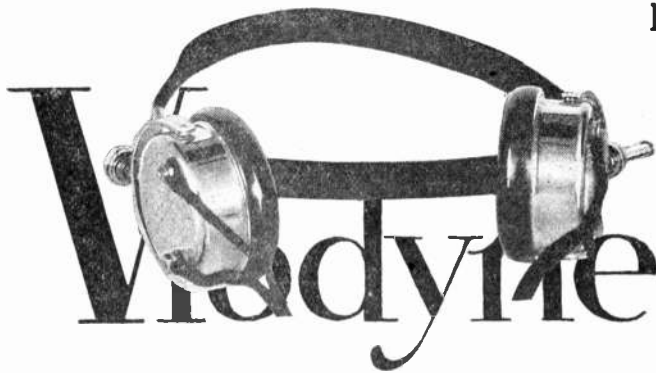
Gold Stripe—see Delta Electric Co.

Hamburg Bros., 420-22 Seventh Ave., Pittsburgh, Pa. “Pennsylvania” See advertisement, page 75.

Hart & Hegeman Mfg Co., 342 Capitol Ave., Hartford, Conn. “H & H”

Hartford Metal Products Co., 112 Allyn St., Hartford, Conn.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



Balanced Headsets

This exceptionally fine product built by a past master on phone design achieves the most perfectly balanced headset ever attained.

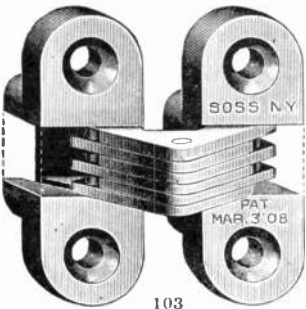
Write for particulars on attractive proposition for jobbers and dealers.

T.B.H. RADIO CO.
Dansville, N. Y.

HEAD-SETS, Complete

- H & H—see Hart & Hege-
man Mfg. Co.
- Holtzer-Cabot Electric Co.,
125 Amory St., Boston,
Mass. "National"
- Hyman & Co., Henry, 220
W. 14th St., New York,
N. Y. "Bestone"
- International Radio Tele-
phone Apparatus Co., 17
Gramercy Park, New York,
N. Y. "De Luxe"
- Jaeger-Carlson Mfg. Co., 161
Jamaica Ave., Brooklyn,
N. Y.
- Jolley Radio Co., 279 Sixth
Ave., New York, N. Y.
- ✓Kellogg Switchboard & Sup-
ply Co., 1066 W. Adams
St., Chicago, Ill. See In-
side Back Cover.
- Kennedy Co.—see Kennedy
Corp.
- Kennedy Corp., Colin B., 2017
Locust St., St. Louis, Mo.
(Sole Selling Agents for
Colin B. Kennedy Co., St.
Louis, Mo.)
- Keystone — see American
Electric Co.
- Kismet — see Radio Tele-
phone & Telegraph Corp.
- Kodel Radio Corp., 507 E.
Pearl St., Cincinnati, Ohio
"Quality"
- Lark—see Leich Electric Co.
- Leich Electric Co., Genoa,
Ill. "Lark"
- Litewate — see Premier Elec-
tric Co.
- Little Gem — see Triangle
Electro Trading Co.
- Little Spitfire — see Tower
Mfg. Corp.
- Little Tattler—see Marinette
Electric Co.
- Magnus Electric & Radio
Mfg. Corp., 787 E. 138th
St., New York, N. Y.
- Manhattan Electrical Supply
Co., 17 Park Pl., New
York, N. Y. "Red Seal"
- Marinette Electric Corp.,
Marinette Wis. "Little
Tattler"
- Metro—see Pal Sales Corp.
- Moss-Schury Mfg. Co., 2015
Franklin St., Detroit, Mich.
- Mozart-Grand Co., 235 Eliza-
beth St., Newark, N. J.
- ✓Murdock Co., Wm. J., Dept.
98, Chelsea, Mass. See ad-
vertisement, page 128.
- Music Master Corp., 128 N.
Tenth St., Philadelphia,
Pa.
- National — see Holtzer-Cabot
Electric Co.
- Newman-Stern Co., 1744 E.
12th St., Cleveland, Ohio.
"Red-Head"
- Newton Pressed Steel Co.,
13 Hawthorne St., Newton,
Mass. "New-Tone" "Su-
perette"
- New-Tone — see New-ton
Pressed Steel Co.
- Ohio Radio Mfg. Co., 312
High Ave., Cleveland, Ohio
- Pacent Electric Co., 91
Seventh Ave., New York,
N. Y. "Everytone"
- Pal Radio Co.—see Pal Sales
Corp.
- Pal Sales Corp., Tube Con-
course Bldg., Jersey City,
N. J. (Sole Sales Represen-
tatives for Pal Radio Co.,
Jersey City, N. J.) "Metro"
- Peerless — see United Radio
Corp.
- Penberthy Injector Co., De-
troit, Mich. "Pico"
- Pennsylvania—see Hamburg
Bros.
- Perfectone — see Teleradio
Engineering Corp.
- Philmore Mfg. Co., 105
Chambers St., New York,
N. Y. "Wonderphone"
- Pico—see Penberthy Injector
Co.
- Ports Mfg. Co., 3305 E. Bel-
mont Ave., Fresno, Cal.
"Prmco"
- Potter Tool & Machine
Works, 79 E. 130th St.,
New York, N. Y.
- Premier Electric Co., 3805
Ravenswood Ave., Chicago,
Ill. "Litewate"
- Prmco—see Ports Mfg. Co.
- Professional — see Trimm
Radio Mfg. Co.
- Quality — see Kodel Radio
Corp.
- ✓Radio Corp. of America,
New York, N. Y. See ad-
vertisements, pages 134,
135, Inside Front Cover
and Opposite Inside Back
Cover.
- Radio Industries Corp., 131
Duane St., New York, N. Y.
"Riophone"
- Radio Telephone & Telegraph
Corp., 25 W. 45th St., New
York, N. Y. "Kismet"
- Radiocelve Mfg. Co., 368 Jel-
liff Ave., Newark, N. J.
- Radiotive Corp., 5317 21st
Ave., Brooklyn, N. Y.
"Silken Voice"
- Red-Head — see New-man-
Stern Co.
- Red Seal — see Manhattan
Electrical Supply Co.
- Rex Radio Works, 1820
Montrose Ave., Chicago, Ill.
"Excello"
- Ricophone — see Radio In-
dustries Corp.
- Roller-Smith Co., 233 Broad-
way, New York, N. Y.
- Royal Electrical Labora-
tories, 109 Tichenor St.,
Newark, N. J. "Royalphone"
- Royalphone—see Royal Elec-
trical Laboratories
- Schwarze Electric Co., E
Church St., Adrian, Mich.
- Scientific — see Tower Mfg
Corp.
- Silken Voice — see Radiotiv
Corp.
- Spartan Electric Corp., 91
Chambers St., New York
N. Y.
- Splitdorf Electrical Co., 39
High St., Newark, N. J.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



103

SOSS Invisible Hinges

for fine Radio Cabinet Work!

SOSS Hinges add beauty to fine hardwood cabinets by their very unobtrusiveness. Built to the same standards that have made SOSS Die Castings a byword for quality in many industries.

Samples gladly submitted to set or cabinet manufacturers. Catalog also on request.

110

Detroit Office, 1051 Book Bldg., Wash. Blvd.
Cleveland Office, 1835 Noble Blvd. Cleveland, Ohio.

HEAD-SETS, Complete Continued

- Sraco — see Standard Radio Corp.
- Standard Radio Corp., 227 W. Madison St., Chicago, Ill. "Sraco"
- Stelnmetz Wireless Mfg. Co. 5968 Baum Blvd., Pittsburgh, Pa.
- Stoddard Telephone Construction Co., Front & Bridge Sts., Monroe, Mich.
- Stromberg-Carlson Telephone Mfg. Co., 1060 University Ave., Rochester, N. Y.
- Summit Radio Products, Inc., 30 Hague St., Jersey City, N. J.
- Sunlight Lamp Co., Newton Falls, Ohio
- Superette — see Newton Pressed Steel Co.
- Swedish-American—see American Electric Co.
- ✓T. B. H. Radio Co., Dansville, N. Y. "Vlodync" See advertisement, page 76.
- ✓Teleradio Engineering Corp., 490 Broome St., New York, N. Y. "Perfectone" Cataloged on page 152.
- Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.
- Tower Mfg. Corp., 98 Brookline Ave., Boston, Mass. "Little Spitfire" "Scientific"
- Triangle Electro Trading Co., 4077 Park Ave., New York, N. Y. "Berwick" "Little Gem"
- Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ill. "Dependable" "Professional"
- True Tone Radio Mfg. Co., 186 N. La Salle St., Chicago, Ill.
- Union Fabric Co., Derby, Conn., "Ampl-Tone"
- United Radio Corp., 115 Caledonia St., Rochester, N. Y. "Peerless"
- Victor — see American Electric Co.
- Vlodync—see T. B. H. Radio Co.

- Warren Radio Phone Mfg. Co., S. Main St., Warren, R. I. "Durophones"
- Wayland Radio Mfg. Co., Wayland, N. Y.
- Welbilt — see Friedlander — Kopple Radio Service
- Western Electric Co., 100 E. 42d St., New York, N. Y.
- White Beauty Electric Co., 4418 N. Western Ave., Chicago, Ill.
- Wonderphone—see Philmore Mfg. Co.

HEAD TELEPHONES—

see Head-Sets

HEXAGON NUTS—

see Nuts, Brass

HIGH FREQUENCY BUZZERS—

see Buzzers, High Frequency

HIGH FREQUENCY GENERATORS—

see Generators, High Frequency.

HINGES—

see Hinges, Cabinet
also Hinges, Continuous

HINGES, Cabinet

- ✓Soss Mfg. Co., Grand Ave. & Bergen St., Brooklyn, N. Y. See advertisement, page 77.
- Stanley Works (Special Productions Dept.), Grove & Hill Sts., New Britain, Conn.

HINGES, Continuous

- Bronson Co., Homer D., Beacon Falls, Conn.
- Ramsay Co., Charles, Kingstons, N. Y.
- Root Co., Briston, Conn.
- ✓Seovill Mfg. Co., Waterbury Conn. See advertisement, page 161.
- Waterbury Brass Goods Corp., Waterbury, Conn.

HOLDERS, Coil—

see Mountings, Coil

HOLDERS, Crystal

- ✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
- Hearwell Electric Co., 53 Devonshire St., Boston, Mass.
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"
- Miller Radio Co., A. H., 1259 W. Grand Blvd., Detroit, Mich.
- Muzada — see Mazda Radio Mfg. Co.
- United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio
- Waterbury Mfg. Co., Waterbury, Conn.
- Wonder State Crystal Co., Bathurst Bldg. Little Rock, Ark.

HOLDERS, Grid-Leak

- ✓Aerovox Wireless Corp., 489-93 Broome St., New York, N. Y. See advertisement, page 43.
- Ajax—see Philmore Mfg. Co.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

We design and build loud speaker horns to fit the radio set

We have designed and built loud speaker horns for—

Stewart-Warner,
Baldwin,
Stromberg-Carlson,
Kellogg,
Atlas,
Zenith,
Pfanstiehl,
and others.

In every case of loud speaker designing, our Audio engineers proceed along scientific lines, carefully analyzing and working out each specific need. We use wood pulp, cane fibre, and a hardening compound for the walls of the horn. We effect the utmost in tonal clarity, entirely eliminating vibratory interference. *Correspondence is invited.*

Newcombe-Hawley, Inc.
160 N. LaSalle St., CHICAGO.
Factory: St. Charles, Ill.

HEADQUARTERS FOR QUALITY REPRODUCTION

Compressed Wood Horns

Wood fibre, compressed under twelve tons pressure, develops tone qualities far superior to ordinary wood or various compounds. Manufactured in any design for cabinet and bell-type loud speakers. We will gladly prove our claims with any unit.

"A set is no better than its loud speaker."

COMPRESSED WOOD CORP.
345 W. Austin Ave., CHICAGO



HOLDERS, Grid-Leak Continued

Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.

Cole Radio Mfg. Corp., 535 Bloomfield Ave., Bloomfield, N. J. "Meggit"

Daven Radio Corp., 158 Summit St., Newark, N. J.

DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.

Durham & Co., 1936 Market St., Philadelphia, Pa.

Eagle Electric Mfg. Co., 59 Hall St., Brooklyn, N. Y.

Electrad, Inc., 428 Broadway, New York, N. Y.

Federal Telephone Mfg. Corp., Buffalo, N. Y.

General Mfg. Co., 6637 Cottage Grove Ave., Chicago, Ill.

Goerdes Co., Fred M., 81 Mt. Prospect Ave., Newark, N. J.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

H & H—see Hart & Hegeman Mfg. Co.

Hilco—see Hill Mfg. Co.

Hill Mfg. Co., A. E., 80 Mangum St., Atlanta, Ga. "Hilco"

Kenman Electric Co., 296 Broadway, New York, N. Y.

Magn's Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Meggit—see Cole Radio Mfg. Corp.

Mountford, C. E., 465 Greenwich St., New York, N. Y.

Mucher, John J., 109 Lafayette St., New York, N. Y.

Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill.

Pucent Electric Co., 91 Seventh Ave., New York, N. Y.

Philmore Mfg. Co., 165 Chambers St., New York, N. Y. "Ajax"

Polymet Mfg. Corp., 599 Broadway, New York, N. Y.

Sheffield Trimming & Stamping Corp., 211 Centre St., New York, N. Y. "Stasco"

Stasco—see Sheffield Trimming & Stamping Corp.

Superior Coil Co. Harwichpoint, Mass.

Tridot Electric Co., 16 Hudson St., New York, N. Y.

United Radio Mfg. Co., 191 Greenwich St., New York, N. Y. "Victory"

Victory—see United Radio Mfg. Co.

HOLDERS, Machine Screw—
see Clamps, Machine Screw

HOLDERS, Plate Condenser—
see Holders, Grid Leak

HOLDERS, Resistance—
see Holders, Grid Leak

HONEYCOMB COIL MOUNTINGS—
see Mountings, Coil

HONEYCOMB COILS—
see Coils, Inductance

HONEYCOMB INDUCTANCE COILS—
see Coils, Inductance

HORNS, Composition

Apollo—see Seaman-Jones Fibre Products Co.

Excelsior Radio Sales Co., 97 Wooster St., New York, N. Y.

Fiber Products Co., 235 Elizabeth Ave., Newark, N. J.

Hamburg Bros., 420-22 Seventh Ave., Pittsburgh, Pa. "Pennsylvania" See advertisement, page 75.

Hardscog Mfg. Co., Ottumwa, Iowa

Hawley—see Newcombe-Hawley, Inc.

Lenford, Inc., 408 W. 27th St., New York, N. Y.

Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio "Qualitone" "Muzada"

Muzada—see Mazda Radio Mfg. Co.

Newcombe-Hawley, Inc., 160 N. La Salle St., Chicago, Ill. "Hawley." See advertisement, page 78.

Newhall Chain Forge & Iron Co., 90 West St., New York, N. Y.

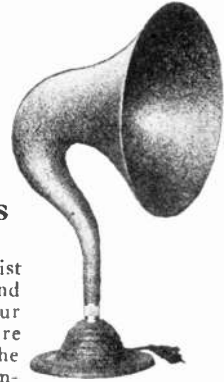
Parells & Co., 68 W. Washington St., Chicago, Ill. "Temple." See advertisement, page 152.

An Ohio Dealer says of the Radio Trade Directory:

"It permits me at a moments notice to look up any radio set or parts that I am unfamiliar with, and enables me to get repair parts, etc."

Speaker and Set Manufacturers

have
RACON
Build Your
Horns to
specifications



LET RACON assist in the design and production of your horns. We are *specialists* in the manufacture of impregnated textile horns, and insure you on schedule deliveries.

Write us.
Let our Engineers assist you.

RACON ELECTRIC CO.

Factory and Sales Office:
14 Greene St., New York
Factories also at Toronto, Can., and Slough, Eng.

HORNS, Composition Continued

- Pennsylvania—see Hamburg Bros.
- Qualitone—see Mazda Radio Mfg. Co.
- Reichmann Co., 1725 W. 74th St., Chicago, Ill. "Thorite"
- Seaman-Jones Fibre Products Co., 800 Weed St., Chicago, Ill. "Apollo"
- Steinite Laboratories, Radio Bldg., Atchison, Kans.
- Temple—see Parcels & Co.
- Thorite—see Reichmann Co.
- Winterrath Composition Amplifier Co., 405 Evergreen Ave., Brooklyn, N.Y. "Wundatone"
- Wundatone—see Winterrath Composition Amplifier Co.

HORNS, Fibre—

see Horns, Composition

HORNS, Impregnated Textile

- Belltone Radio Corp., 81 Crosby St., New York, N. Y.

Maco, Sr.—see Macy Mfg. Corp.

Macy Mfg. Corp., 39 Broadway, New York, N. Y. "Maco, Sr."

✓Racon Electric Co., 14 Greene St., New York, N. Y. See advertisement, page 79.

HORNS, Metal

- Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.
- Daniel Specialty Co., 5232 Melrose Ave., Los Angeles, Cal.
- Standard Metal Mfg. Co., 237 Chestnut St., Newark, N.J.
- Steinen & Co., William, 293 Washington St., Newark, N. J.

HORNS, Rubber

- American Hard Rubber Co., 11 Mercer St., New York, N. Y. "Radion"
- Miller Rubber Co. of N. Y., S. High St., Akron, Ohio
- Radion—see American Hard Rubber Co.

HORNS, Wood

- ✓Compressed Wood Corp., 345 W. Austin Ave., Chicago, Ill. See advertisements, pages 78 and 152.
- Granolite Corp., 223 Fourth St., Milwaukee, Wis.

HYDROMETER SYRINGES—

see Hydrometers, Battery Testing

HYDROMETERS, Battery Testing

- Acid Supply Utilities, 316 W. 24th St., Chicago, Ill. "Sinash Pruf"
- Ala Mfg. Co., 401 S. Sangamon St., Chicago, Ill.
- American Thermo-Ware Co., 16 Warren St., New York, N. Y. "Indestructo"
- Arcoe Thermometer Co., 290 Fifth Ave., New York, N. Y.
- Ayanbee—see Scranton Glass Instrument Co.
- Battery Equipment & Supply Co., 1638 S. Wabash Ave., Chicago, Ill. "Besco"
- Beck Co., Oscar, 230 Maujer St., Brooklyn, N. Y.
- Besco — see Battery Equipment & Supply Co.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

NO-LEAK-O RADIO BATTERY HYDROMETER

Guaranteed to conform to U. S. Bureau of Standards specifications for accuracy.



List Price
\$1.00

ESPECIALLY designed for radio battery use. Extension tip makes it possible to get into cabinet and secure reading without removing battery. Patented Double Trap prevents leak-

ing or spilling of acid, thereby protecting clothing, furniture and floors. Jobbers and Dealers: Write for our attractive proposition.

Alexander Hamilton Glass Inst. Co., Conshohocken, Pa.

Manufacturers of Freezers, Gasoline Testers & Battery Thermometers.

Accuracy since 1776.

HYDROMETERS, Battery Testing Continued

Bilrite Motor Equipment Co., 145 W. 63d St., New York, N. Y. "Topsall"

Break-Not—see Edelman & Co.

Chaslyn Co., 3845 Ravenswood Ave., Chicago, Ill. "S O S"

Drip-pruf—see Hafner Mfg. Co.

Eagle Electric Mfg. Co., 59 Hall St., Brooklyn, N. Y.

Edelmann & Co., E., 2332 Logan Blvd., Chicago, Ill. "Break-Not"

Freas Glass Works, Francis L., Conshohocken, Pa.

Hafner Mfg. Co., 3128 Carroll Ave., Chicago, Ill. "Drip-pruf"

✓Hamilton Glass Instrument Co., Alexander, Conshohocken, Pa. "No-Leak-O" See advertisement, page 80.

Indestructo — see American Thermo-Ware Co.

Industrial & Scientific Instrument Co., 9 N. Fifth St., Philadelphia, Pa. "Reliance"

Kant-Stick — see Scranton Glass Instrument Co.

Moeller, A. E., 263 Sumpter Ave., Brooklyn, N. Y.

Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.

No-Leak-O — see Hamilton Glass Instrument Co.

Reliance — see Industrial & Scientific Instrument Co.

Rieker Instrument Co., 1919 Fairmount Ave., Philadelphia, Pa.

Scranton Glass Instrument Co., Scranton, Pa. "Kant-Stick" "Ayanbee" "Sturdy"

Smash Pruf—see Acid Supply Utilities

S O S—see Chaslyn Co.

Sturdy—see Scranton Glass Instrument Co.

Testrite Instrument Co., 108 E. 16th St., New York, N. Y.

Topsall — see Bilrite Motor Equipment Co.

Victor Instrument Mfg. Co., 236 W. 55th St., New York, N. Y.

WorkRite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio

INDUCTANCES—

see Coils, Inductance

INITIALED BINDING POSTS—

see Posts, Lettered Binding

IMPREGNATED HORNS—

see Horns, Impregnated Textile

IMPREGNATING COMPOUNDS—

see Compounds, Impregnating

INSTRUMENTS, Electrical Testing—

see Sets, Electrical Testing

IMPREGNATING MACHINES—

see Machines, Coil Impregnating

INSTRUMENTS, Measuring—

see Ammeters and Voltmeters

INDOOR AERIALS—

see Aerials, Indoor

INSTRUMENTS, Tube Testing

✓Burton-Rogers Co., 26 Brighton Ave., Boston, Mass. See advertisement, page 11.

Collins Co., E. B., Danville, Ill.

✓DeWitt-La France Co., Cambridge, Mass. "Superadio" See advertisement, page 85.

Hickok-Electrical Instrument Co., Cleveland, Ohio

Peffer, R. M., 334 Chestnut St., Harrisburg, Pa.

Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio

Superadio — see De Witt-La France Co.

INDUCTANCE COILS—

see Coils, Inductance

INDUCTANCE SWITCHES—

see Switches, Inductance

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**INSULATED BINDING
POSTS—**

see Posts, Composition

**INSULATED LEADS-
IN—**

see Leads-In, Insulated

**INSULATED
STAPLES—**

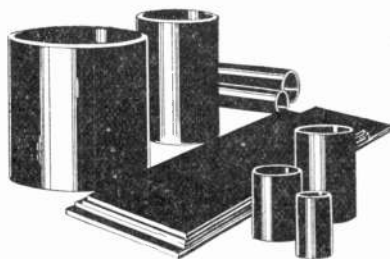
see Staples, Insulated

INSULATED WIRE—see Wire, Bell
also Wire, Magnet
also Wire, Rubber Covered**INSULATING TAPE—**

see Tape, Insulating

**INSULATING
VARNISH—**

see Varnish, Insulating

**INSULATION,
Composition***Sheet, Rod and Tube. For
Molded Shapes—see Insula-
tion. Molders of; for
Hard Rubber—see Rubber,
Hard; for Vulcanized Fibre
—see Fibre, Vulcanized.*✓Bakelite Corp., 247 Park
Ave., New York, N. Y.
"Condensite" "Redmanol"
See advertisement, page
82.Bakelite - Dilecto — see Con-
tinental Fibre Co.Bakelite-Duresto—see Spaul-
ding Fibre Co.Bennington Radio & Electric
Mfg. Co., 522 Main St.,
Bennington, Vt. "Bremco"✓Brand & Co., William, 27 E.
22d St., New York, N. Y.
"Turbonite" See advertise-
ment, page 182.Bremco — see Bennington
Radio & Electric Mfg. Co.Celoron—See Diamond State
Fibre Co.Condensite — see Bakelite
Corp.Continental Fibre Co., New-
ark, Del. "Bakelite-Dilecto"Diamond State Fibre Co.,
Bridgeport, Pa. "Celoron"

Fibroc-Bakelite Panels and Tubes

*meet every
radio need!*

Whether the set builder be manufacturer or amateur FIBROC-BAKELITE PANELS and TUBES will enable him to build a better looking, more efficient set that will serve him for a longer period of time.

For FIBROC-BAKELITE PANELS are beautiful in appearance—unusually so—because of the wide range of their finishes.

They are easily handled without special tools—they can be drilled, cut, and engraved. They eliminate distortion and high frequency losses because of their high dielectric strength. Because FIBROC-BAKELITE will not warp or cold flow—the set is given greater durability.

Naturally with so many exclusive features the sale of FIBROC-BAKELITE PANELS offers the good radio dealer a quick moving, highly profitable item.

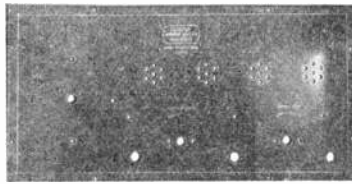
Write for prices and discounts.

FIBROC INSULATION CO.

1023 Lincoln Ave.

VALPARAISO, IND.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

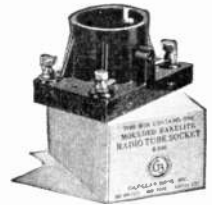


Be sure today's customers will be satisfied a year from now

It is safest to build for the future on the solid rock of customer satisfaction. The thing that really counts is what your customers think after long use of the radio set or parts you sold them.



Clarity of reception, true tonal values, and distance are dependent upon having all the electrical parts of a radio set adequately insulated. The slightest deterioration of the insulating material used means lowered performance.



The insulating value of Bakelite is as high after ten years or more as it is when new. It does not deteriorate. It resists extremes of heat and cold and does not absorb moisture. Its handsome color and finish are lasting — undimmed by time or use.

Ninety-five percent of radio set and parts manufacturers use Bakelite. It is the standard insulation for the radio parts and accessories listed here.



Adapters — Binding Posts — Coils (Forms, Varnish Impregnated, Coil Mounting Brackets) — Condensers, (Fixed, Variable, Grid Condenser Mountings) — Connecting Shafts — Contact Strips — Crystal Detector Mountings — Dials — Grid Leak Mountings — Head Sets, (Caps, Diaphragms, Housing, Spools) — Jack Ferrules — Jacks, Knobs — Lighting Arresters — Loud Speakers, (Bas. S, Cones, Horns, Spools) — Panels — Photograph Attachments (Diaphragm, Housing, Spools) — Plugs — Potentiometer Bases — Rheostat Bases — Sockets — Sub Panels — Tube Bases — Variocouplers — Variometers.



Write for Booklet 37

BAKELITE CORPORATION

247 Park Avenue, New York, N. Y.—Chicago Office: 636 West 22nd Street
BAKELITE CORP. OF CANADA, LTD., 163 Dufferin Street, Toronto, Ont., Canada

BAKELITE

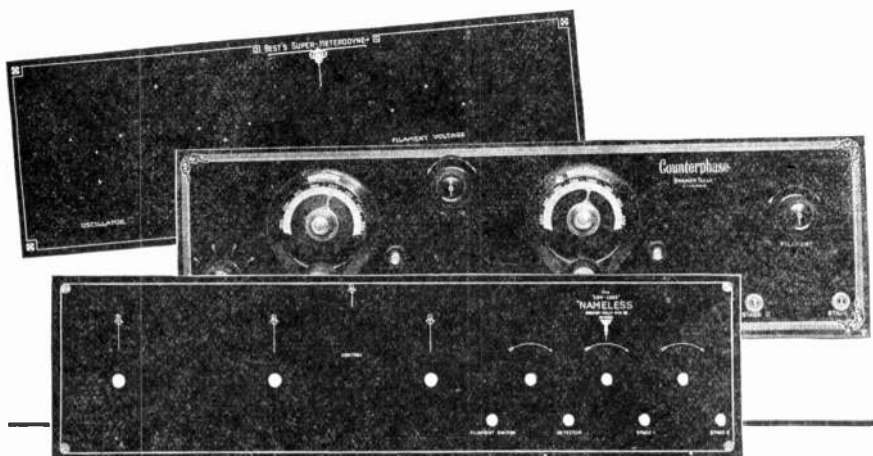
REGISTERED U. S. PAT. OFF.



THE MATERIAL OF A THOUSAND USES

The registered Trade Mark and Symbol shown above may be used only on products made from materials manufactured by Bakelite Corporation. Under the capital "B" is the numerical sign for infinity or unlimited quantity. It symbolizes the infinite number of present and future uses of Bakelite Corporation's products.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



Panels for Famous Kits

Formica panels decorated by the Veri-Chrome process in gold and silver are available for the following well known kits: Bremer Tully Counterphase, Nameless and No. 1; Best's Super Heterodyne, two sizes, 7 x 20 and 7 x 26; Cockaday LC26; Browning Drake of the National Company; Victoreen Super Heterodyne; General Radio Universal Broadcast Receiver.

New Ideas for Manufacturers

New schemes of decoration have been developed by the Veri-Chrome Laboratories for set manufacturers. A wonderful new dull finish panel has been provided with Veri-Chrome decoration. Formica is this year offering completely punched and machined base panels.

Write for literature and prices

The FORMICA INSULATION COMPANY
4662 Spring Grove Avenue
CINCINNATI, OHIO

FORMICA
Made from Anhydrous Bakelite Resins
SHEETS TUBES RODS

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

INSULATION, Composition Continued

- Du Pont de Nemours & Co., E. I., Schuyler Ave. (Pyralin Division) Arlington, N. J. "Pyradliolin"
- ✓ Fibroc Insulation Co., 1023 Lincoln Ave., Valparaiso, Ind. See advertisement, page 81.
- ✓ Formica Insulation Co., 4662 Spring Grove Ave., Cincinnati, Ohio. See advertisement, page 83.
- Micarta — see Westinghouse Electric & Mfg. Co.
- ✓ National Vulcanized Fibre Co., (Phenolic Products Division) Wilmington, Del. "Phenolite" See page opposite Title Page.
- Phenolite—see National Vulcanized Fibre Co.
- Pyradliolin—see Du Pont de Nemours & Co.
- Redmanol — see Bakelite Corp.
- Spaulding Fibre Co., 308 Wheeler St., Tonawanda, N. Y. "Bakelite-Duresto"
- Turbonite—see Brand & Co.
- Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa. "Micarta"
- Bennington Radio & Electric Mfg. Co., 522 Main St., Bennington, Vt. "Bremco"
- Boonton Molding Co., Myrtle Ave., Boonton, N. J.
- Boonton Rubber Mfg. Co., 223 Fanny Rd., Boonton, N. J.
- Bremco — see Bennington Radio & Electric Mfg. Co.
- Bridgeport Die & Machine Co., 166 Elm St., Bridgeport, Conn.
- Cetec—see Connecticut Telephone & Electric Co.
- Cincinnati Molding Co., 2037 Florence Ave., Cincinnati, Ohio
- Compo-site, Inc., 207 Astor St., Newark, N. J.
- Connecticut Hard Rubber Co., New Haven, Conn.
- Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn. "Cetec"
- Diemoulding Production Co., Rasbach St., Canastota, N. Y.
- Dutch Boy — see National Lead Co.
- Franklin Radio Mfg. Co., Ben, 2652 Superior Ave., Cleveland, Ohio
- Garfield Mfg. Co., Garfield, N. J. "Gummon"
- General Insulate Co., 1008 Atlantic Ave., Brooklyn, N. Y. "Insulate" "Hi-Heat" "Star Insulate"
- Gray & Danielson Mfg. Co., 250 First St., San Francisco, Cal.
- Gummon — see Garfield Mfg. Co.
- Hahn Mfg. Co., Harry W., 627 San Pedro St., Los Angeles, Cal.
- Hi-Heat — see General Insulate Co.
- Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
- Insulate — see General Insulate Co.
- ✓ Insulating Company of America (Radio Panel & Parts Corp.), 59 Warren St., New York, N. Y. See advertisement, page 96.
- Insulation Mfg. Co., 60 Washington St., Brooklyn, N. Y.
- Insulation Products Co., (Homewood Sta.) Pittsburgh, Pa.
- Johns - Pratt Co., Hartford, Conn.
- K. B. Mfg. Co., 222 Eighth St., San Francisco, Cal.
- Kurz-Kasch Co., South Broadway & Morris Ave., Dayton, Ohio
- Lacanine—see Scranton Button Co.
- Mack Molding Co., Little Falls, N. J.
- Marlanite — see Sun Rubber Co.
- McDonald Mfg. Co., 202 E. 61st St., Los Angeles, Cal.
- Megohmo — see Waterbury Button Co.
- Moulded Products Corp., 549 W. 52d St., New York, N. Y.
- Nagel Electric Co., W. G., 28 St. Clair St., Toledo, Ohio
- National Lead Co., 111 Broadway, New York, N.Y. "Dutch Boy"
- Niagara Insul-Bake Specialty Co., 483 Delaware Ave., Albany, N. Y.
- Northwestern Radio Mfg. Co., 1556 E. Taylor St., Portland, Ore.
- Pruven Composition Products Corp., Milford, Conn. "Pruvenite"
- Pruvenite—see Pruven Composition Products Corp.
- Rawson Moulding Co., 6 Beacon St., Boston, Mass.
- Real Equity Shop, 1331 N. Wells St., Chicago, Ill.
- Reynolds Spring Co., Jackson, Mich. "Renolite" "Renomold" "Renold"
- Renolite — see Reynolds Spring Co.
- Renold — see Reynolds Spring Co.
- Renomold—see Reynolds Spring Co.
- Ridgely Trimmer Co., Springfield, Ohio
- Scranton Button Co., Scranton, Pa. "Lacanine"
- Seattle Radio Mfg. Co., 300 Lakeside Ave., S., Seattle, Wash.
- Siemon Co., State St. & Baum Blvd., Bridgeport, Conn.
- Specialty Insulation Mfg. Co., Hoosick Falls, N. Y.
- Splitdorf Electrical Co., 392 High St., Newark, N. J.
- Star Insulate — see General Insulate Co.
- Sun Rubber Co., Barberton, Ohio "Marlanite"
- Union Insulation Co., Parkersburg, W. Va.
- Waterbury Button Co., Waterbury, Conn. "Megohmo"
- Watertown Mfg. Co., Watertown, Conn.

INSULATION, Fibre— see Fibre, Vulcanized

INSULATION, Hard Rubber— see Rubber, Hard

INSULATION, Molders of

- Alco—see American Insulator Corp.
- American Electric Co., 22 Prospect St., Newark, N. J. "Ameroid"
- American Insulator Corp., 52 Vanderbilt Ave., New York, N. Y. "Alco"
- American Metal Works, Stenton Ave., & Rockland St., Philadelphia, Pa.
- Ameroid—see American Electric Co.
- Asbestos Shingle, Slate & Sheating Co., Ambler, Pa.
- Auburn Button Works, 48 Canoga St., Auburn, N. Y.
- Ballsite—see Ballston Insulating & Composition Co.
- Ballston Insulating & Composition Co., Ballston Spa, N. Y. "Ballsite."
- Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.
- Bell Mfg. Co., 11 Elkins St., Boston, Mass.

INSULATION MOLD- ING MACHINES—

see Machines, Plastic Molding

INSULATION, Rubber—

see Rubber, Hard

INSULATION STRIPPERS—

see Tools, Wire Stripping

**INSULATION,
Synthetic Quartz**

Insolantite Co. of America,
Belleville, N. J.

**INSULATOR
BRACKETS,
Antenna—**

see Brackets, Antenna In-
sulator

INSULATORS, Aerial—

see Insulators, Composition
also Insulators, Porcelain

**INSULATORS,
Composition
and Hard Rubber**

see also Insulation, Mold-
ers of

also Rubber, Hard

American Hard Rubber Co.,
11 Mercer St., New York,
N. Y. "Radion"

Antenna Insulator Co., 15
Bagley St., Pawtucket, R.I.
"Dry Gap"

Brach Mfg. Co., L. S., 127
Sussex Ave., Newark, N. J.

Deal Electric Co., 453
Broome St., New York,
N. Y.

Dry Gap — see Antenna In-
sulator Co.

General Insulate Co., 1008
Atlantic Ave., Brooklyn,
N. Y.

Hart & Hegeman Mfg. Co.,
342 Capitol Ave., Hartford,
Conn. "H & H"

H & H—see Hart & Hegeman
Mfg. Co.

Hoosick Falls Radio Parts
Mfg. Co., Hoosick Falls,
N. Y.

Insulating Company of
America (Radio Panel &
Parts Corp.), 59 Warren
St., New York, N. Y. See
advertisement, page 96.

Johns - Pratt Co., Hartford,
Conn.

Kellogg Switchboard & Sup-
ply Co., 1066 W. Adams
St., Chicago, Ill. See In-
side Back Cover.

Parker-Aeolus Corp., 161
Grand St., New York, N. Y.

Radio Receptor Co., 106 Sev-
enth Ave., New York, N.Y.
"R.R"

Radion—see American Hard
Rubber Co.

This Dynamometer can reproduce the dynamic tests of a tube equal to a laboratory test at the rate of 3 tubes per minute

Any Clerk Can Operate It

What the SUPERADIO Vacuum Tube Dynamometer will do:

1. Tells whether or not a tube is a good R. F. Amplifier, A. F. Amplifier or Detector and how good.
2. Tubes may be matched.
3. Measures the performance of the tube before it is placed in the set.
4. Gives definite measure of the power of the tube.
5. Tells whether or not tubes should be reactivated.
6. Discloses tubes that have been operated with excessive filament voltages.
7. Tells if tubes have been roughly handled.
8. Compares tubes of different manufacturers.
9. Gives Relative Efficiency of any number of tubes.
10. Tells if grid is exercising proper control of plate current.

The following defects in manufacture may be disclosed:

11. Under ageing.
 12. Poor filament wire.
 13. Low vacuum.
 14. Improper size of tube element.
 15. Improperly spaced elements.
- The Amplification constant, Plate Impedance and Mutual Conductance are obtained directly without calculation or curves.



SALES REPRESENTATIVES

Martin, Hartley & DeWitt
Sales Co., 99 Bedford Street,
Boston, Mass.

William A. Welty & Co., 36
S. State St., Chicago, Ill.

Manufactured by

**DEWITT-LAFRANCE
CO., INC.**

Cambridge, Mass., U. S. A.

R. R.—see Radio Receptor
Co.
Waterbury Button Co.,
Waterbury, Conn.

**INSULATORS, Hard
Rubber—**

See Rubber, Hard

INSULATORS, Fibre—
see Fibre, Vulcanized

INSULATORS, Lava

American Lava Corp., 24
William St., Chattanooga,
Tenn.

Kirchberger & Co., M., 1425
37th St., Brooklyn, N. Y.
"Lavarock"

Lavarock—see Kirchberger &
Co.

Tennessee Burner Mfg. Co.,
Chattanooga, Tenn. "XL"

XL—see Tennessee Burner
Mfg. Co.

INSULATORS, Glass

Alpha Radio Supply Co., 621
Broadway, New York, N. Y.

Benzer Corp., 87 Cooper Ave.,
Brooklyn, N. Y.

Corning Glass Works, Corn-
ing, N. Y. "Pyrex"

P'eron & Son, M. M., 110 N.
Broad St., Trenton, N. J.

Heningray Glass Co., Mace-
donia Ave., Muncie, Ind.

Lynchburg Glass Corp.,
Lynchburg, Va.

Marsden Glass Works, J. E.,
Ambler, Pa. "Tufglass"

McKee Glass Co., Jeannette,
Pa.

Pyrex — see Corning Glass
Works

Spencer Lens Co., Hamburg,
N. Y.

Tufglas—see Marsden Glass
Works

Wheaton Co., T. C., Millville,
N. J.

**INSULATORS,
Porcelain**

Adamant Porcelain Co., East
Liverpool, Ohio

A. J.—see Cook Pottery Co.

A. J. Jr.—see Cook Pottery
Co.

American Porcelain Co., 220
Second St., East Liverpool,
Ohio

Armstrong & White, Pitts-
burgh, Pa.

Carey Ohio Porcelain Co.,
Carey, Ohio

Circle F Mfg. Co., 10 Prince
St., Trenton, N. J. "Little
Joe"

**INSULATORS,
Porcelain****Continued**

- Colonial Insulator Co., Akron, Ohio
- Cook Pottery Co., Prospect St. & P. R. R., Trenton, N. J. "Red Devil" "A. J." "A. J., Jr."
- Davidson Porcelain Co., East Liverpool, Ohio
- Eagle Electric Mfg. Co., 59 Hall St., Brooklyn, N. Y.
- Fedco—see Federal Porcelain Co.
- Federal Porcelain Co., Carey, Ohio. "Fedco"
- Findlay Electric Porcelain Co., Findlay, Ohio
- Fleron & Son, M. M., 110 N. Broad St., Trenton, N. J.
- General Porcelain Co., Camden Ave., S. S., Parkersburg, W. Va. "G. P. Co."
- General Radio Co., Cambridge, Mass. See advertisement, page 47.
- G. P. Co.—see General Porcelain Co.
- Hubbard & Co., 6301 Butler St., Pittsburgh, Pa. "Petrc"
- Illinois Electric Porcelain Co., Macomb, Ill.
- Imperial Porcelain Works, Mulberry St. & New York Ave., Trenton, N. J.
- Little Joe—see Circle F Mfg. Co.
- Mogadore Insulator Co., Mogadore, Ohio
- Parker-Aeolus Corp., 161 Grand St., New York, N. Y.
- Pearl Co., Wm. H., 425 Harmon St., Indianapolis, Ind.
- Pierce—see Hubbard & Co.
- Red Devil—see Cook Pottery Co.
- Sensory—see Heinemann Electric Co.
- Square D Co., Detroit, Mich.
- Swan-Haverstick, Inc., 143 E. State St., Trenton, N. J.
- Thomas & Sons Co., R., East Liverpool, Ohio
- Trenle Porcelain Co., East Liverpool, Ohio
- Twinantleak Aerial Insulator Mfg. Co., 87 W. Main St., New Britain, Conn.
- Union Electrical Porcelain Works, Trenton, N. J.
- Wirt Co., 5221 Greene St., Philadelphia, Pa.

**INSULATORS,
Rubber—**

see Rubber, Hard

**IRONS, Copper
Soldering—**

see Coppers, Soldering

**IRONS, Electric
Soldering**For Copper Soldering Irons
—see Copper, Soldering

- Adroit, Jr.—see Adroit Tool Co.
- Adroit Tool Co., 14 Front St., New York, N. Y. "Adroit, Jr."
- Alco Electric Co., 234 Bloomfield Ave., Caldwell, N. J.
- Ambu—see American Bureau of Engineering
- American Beauty—see American Electrical Heater Co.
- American Bureau of Engineering, 2632 Prairie Ave., Chicago, Ill. "Ambu"
- American Electrical Heater Co., Woodward, Cass & Burroughs Aves., Detroit, Mich. "American Beauty"
- Apex Stamping Co., Riverdale, Ill. "Jiffy" See advertisement, page 199.
- Baco Electric Co., Bode, Iowa
- B-D—see Bleadon-Dun Co.
- Beehler Steel Products Co., 1439 N. 13th St., St. Louis, Mo. "Solderette"
- Bleadon-Dun Co., 213 S. Peoria St., Chicago, Ill. "B-D"
- Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.
- Central Flatiron Mfg. Co., Johnson City, N. Y.
- Chapman Machine Co., Terryville, Conn.
- Drake Electric Works, 3943 Lincoln Ave., Chicago, Ill. "Junior"
- Dymac—see Electrical Products Mfg. Co.
- Eagle Electric Mfg. Co., 59 Hall St., Brooklyn, N. Y.
- Electrahot Appliances, Inc., 301 Fifth Ave., S., Minneapolis, Minn.
- Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"
- Everhot Mfg. Co., Tenth Ave. & Seventh St., Maywood, Ill.
- General Electric Co., 1 River Rd., Schenectady, N. Y.
- Gold Seal Electric Co., 2110 Woodland Ave., Cleveland, Ohio
- Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
- H & H—see Hart & Hegeman Mfg. Co.
- Jiffy—see Apex Stamping Co.
- Junior—see Drake Electric Works
- Lake—see Westwyre Co.
- Landers, Frary & Clark, New Britain, Conn.
- Lenk Mfg Co., 34 Portland St., Boston, Mass. "Little Handy"
- Liberty Works, 200 Fifth Ave., New York, N. Y.
- Little Handy—see Lenk Mfg. Co.
- Metaelectric—see Post Electric Co.
- Metro—see Pal Sales Corp.
- Northern Electric Co., 2835 Northwestern Ave., Chicago, Ill.
- Pal Radio Co., — see Pal Sales Corp.
- Pal Sales Corp., Tube Concourse Bldg., Jersey City, N. J. (Sole Sales Representatives for Pal Radio Co., Jersey City, N. J.) "Metro"
- Pennsylvania Instrument Co., 616 Chestnut St., Philadelphia, Pa.
- Post Electric Co., 30 E. 42d St., New York, N. Y. "Metaelectric"
- Radiogem Corp., 66 West Broadway, New York, N.Y.
- Rhainstine, J. Thos., 508 E. Woodbridge St., Detroit, Mich.
- Russell Electric Co., 340 W. Huron St., Chicago, Ill.
- Security Electric Mfg. Co., 2635 Canton St., Chicago, Ill.
- Simplex Electric Heating Co., 85 Sidney St., Cambridge, Mass.
- Solderette—see Beehler Steel Products Co.
- Splitdorf Electrical Co., 392 High St., Newark, N. J.
- Sterling Electrical Corp., 2711 Church Ave., Cleveland, Ohio
- Superior Electric Products Co., 2208 Pine St., St. Louis, Mo.
- Torrid—see Wolcott Mfg. Co.
- United Products Mfg. Co., 159 W. Larned St., Detroit, Mich.
- Unity Mfg. Co., 224 N. Halsted St., Chicago, Ill.
- Varick Electric Mfg. Co., 324 W. 42d St., New York, N. Y.
- Vulcan Electric Heating Co., 107 W. 13th St., New York, N. Y.
- Ward Co., 937 Wellington Ave., Chicago, Ill.
- Watlow Electric Mfg. Co., 1320 N. 23d St., St. Louis, Mo.
- Wellmade Electric Co., Torrington, Conn.
- Westwyre Co., 283 Elm St., Westfield, Mass. "Lake"
- White Beauty Electric Co., 4416 N. Western Ave., Chicago, Ill.
- Wolcott Mfg. Co., Frank E., Hartford, Conn. "Torrid"

JACK BINDING POSTS—

see Posts, Jack Binding

JACK SWITCHES—

see Switches, Cam

JACK WRENCHES—

see Wrenches, Jack

JACKS, Closed Circuit—

see Jacks, Phone

JACKS, Cord Tip

For Phone Tips—see Tips, Cord

✓Alden Manufacturing Co., Dept. D-6, Springfield, Mass. "Na-ald" Cataloged on page 145.

Carter Radio Co., 300 S. Racine Ave., Chicago, Ill. "Imp"

Doran & Sons, James C., 150 Chestnut St., Providence, R. I.

Imp—see Carter Radio Co.

King Quality Products, Inc., Rano St., Buffalo, N. Y.

Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio

Na-ald—see Alden Manufacturing Co.

Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ill.

JACKS, Double Circuit—

see Jacks, Phone

JACKS, Extension or Portable

Birnbach Radio Co., 370 Seventh Ave., New York, N. Y.

Carter Radio Co., 300 S. Racine Ave., Chicago, Ill.

Four Way Co., 29 Worthington St., Springfield, Mass.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ill.

JACKS, Filament Control—

see Jacks, Phone

JACKS, Open Circuit—

see Jacks, Phone

JACKS, Phone

Adams Radio Mfg. Co., 1044 W. Van Buren St., Chicago, Ill.

Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio. "Green Seal"

Ajax—see Philmore Mfg. Co.

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Algo—see Algonquin Electric Co.

Algonquin Electric Co., Poughkeepsie, N. Y. "Algo"

American Electric Co., 6401 S. State St., Chicago, Ill.

Anticap—see Electric City Novelty & Mfg. Co.

Barnes Co., Wallace, Bristol, Conn.

Bennington Radio & Electric Mfg. Co., 522 Main St., Bennington, Vt. "Brenco"

Bestone—see Hyman & Co.

Bisby Mfg. Co., 54 Warren St., New York, N. Y.

✓Blake & Johnson Co., Waterbury, Conn. See advertisement, page 119.

B. M. S.—see Brooklyn Metal Stamping Co.

✓Bockin Electric Mfg. Co., 71 E. Olive Blvd., Freeport, N. Y. Cataloged on page 45.

Branston, Chas. A., 813 Main St., Buffalo, N. Y.

Breo Radio Corp., 687 Courtlandt Ave., New York, N. Y.

Bremco—see Bennington Radio & Electric Mfg. Co.

✓Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. "Tri-Jack," B. M. S." Cataloged on page 63.

Cardinal—see Fisher Spring Co.

Carter Radio Co., 300 S. Racine Ave., Chicago, Ill. "Hold-Tite"

Chelton Electric Co., 4861 Stenton Ave., Philadelphia, Pa.

Cico—see Consolidated Instrument Co. of America.

Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn.

Consolidated Instrument Co. of America, 41 E. 42d St., New York, N. Y. "Cico"

✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.

Doran & Sons, James C., 150 Chestnut St., Providence, R. I.

Dymac—see Electrical Products Mfg. Co.

Electric City Novelty & Mfg. Co., 120 Odell St., Schenectady, N. Y. "Anticap"

Electrical Products Mfg. Co., 59 Sprague St., Providence, R. I. "Dymac"

Federal Telephone Mfg. Corp., Buffalo, N. Y.

Fenton, N., 57 Murray St., New York, N. Y.

Fischer Spring Co., Chas., 240 Kent Ave., Brooklyn, N. Y. "Cardinal"

Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio

Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

Giffilan Bros., 1815 W. 16th St., Los Angeles, Cal.

Globe Phone Mfg. Co., Reading, Mass.

Green Seal—see Air-Way Electric Appliance Corp.

Grosser So. & Co., B., 55 Sudbury St., Boston, Mass.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

H & H—see Hart & Hegeman Mfg. Co.

Hold-Tite—see Carter Radio Co.

Hyman & Co., Henry, 220 W. 14th St., New York, N. Y. "Bestone"

Jones Radio Mfg. Co., Jos. W., 40 W. 25th St., New York, N. Y.

✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See inside Back Cover.

King Quality Products, Inc., Rano St., Buffalo, N. Y.

Kings Mfg. Co., 32 33d St., Brooklyn, N. Y.

Leich Electric Co., Genoa, Ill.

Liberty Screw Products Co., 383 Shrewsbury St., Worcester, Mass.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Mar-Co—see Martin-Copeland Co.

Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"

Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"

Metro Electric Mfg. Co., 123 Prince St., New York, N. Y. "Ne-Plus-Ultra"

Millimeter Machine Works, 542 W. 22d St., New York, N. Y.

Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.

**JACKS, Phone
Continued**

Montrose Radio Laboratories,
1333 Fulton St., Brooklyn,
N. Y. "M. R. L."

M. R. L. — see Montrose
Radio Laboratories

Muzada — see Mazda Radio
Mfg. Co.

Ne - Plus - Ultra — see Metro
Electric Mfg. Co.

Pacent Electric Co., 91
Seventh Ave., New York,
N. Y.

Paterson Radio Co., 213 Mar-
keter St., Paterson, N. J.

Philmore Mfg. Co., 105
Chambers St., New York.
N. Y. "Ajax"

Pilot Electric Mfg. Co., 323
Berry St., Brooklyn, N. Y.

Prall Co., B. W., 160 College
Ave., West New Brighton,
S. I., N. Y.

Preferred Radio Products
Corp., 408 E. 93d St., New
York, N. Y.

Premier Electric Co., 3805
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Ill.

Reliance Die & Stamping
Co., 501 N. La Salle St.
Chicago, Ill.

Saturn Mfg. & Sales Co., 48
Beekman St., New York,
N. Y.

Schiff Laboratories, 283
Glenwood Ave., Bloomfield,
N. J.

Sharp Spark Plug Co., Ben-
nett St., Wellington, Ohio
"Anticap"

Stromberg-Carlson Telephone
Mfg. Co., 1060 University
Ave., Rochester, N. Y.

Tri-Jack—see Brooklyn Metal
Stamping Corp.

Union Radio Corp., 124
Sussex Ave., Newark, N. J.

Un-X-Ld—see Forman & Co.

Warner Bros. Co., Metal Di-
vision, Bridgeport, Conn.
See advertisement, page
161.

White Beauty Electric Co.,
4418 N. Western Ave., Chi-
cago, Ill.

**JACKS, Wall
Receptacle**

*For use in wiring building
for Radio Service*

Carter Radio Co., 300 S.
Racine Ave., Chicago, Ill.

Yaxley Mfg. Co., 217 N.
Desplaines St., Chicago, Ill.

JAPANS, Black—

see Lacquers, Crystallizing

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Batteries—see Tubes, Glass
Test*

Atlas—see Hazel-Atlas Glass
Co.

Hazel-Atlas Glass Co., Wheel-
ing, W. Va. "Atlas"

JARS, Rubber Battery

Rub-Tex Products, Inc., W.
14th & N. West Sts., In-
dianapolis, Ind.

United States Rubber Co.,
1790 Broadway, New York,
N. Y.

JIGS, Coil Winding

Visto Products Co., 14
150th St., Jamaica, N. Y.

JIGS, Dies and Fixtures

D. & B. Radio Service, 419
Riopelle St., Detroit, Mich.

Fenton Machine Tool & Die
Co., Fenton, Mich.

Freeport Metal Products
Mfg. Co., 71 E. Olive Blvd.,
Freeport, L. I., N. Y.

Hershey Metal Products Co.,
Seymour Ave. & Hawkins
St., Derby, Conn.

Kings Mfg. Co., 32 33d St.,
Brooklyn, N. Y.

Lamb Co., F. Jos., 1938
Franklin St., Detroit, Mich.

Lundquist Tool & Mfg. Co.,
144 Green St., Worcester,
Mass.

Metalcraft & Tool Co., 202
Pennsylvania Ave., Hill-
side, N. J.

Moeller Machine Co., 2714 S.
Canal St., Chicago, Ill.

Mucher, John J., 109
Lafayette St., New York,
N. Y.

Nielson & Wilson Tool Co.,
133 Sheldon St., Hartford,
Conn.

United Metal Stamping &
Radio Co., 411 E. Pearl St.,
Cincinnati, Ohio

JIGS, Mounting

Able Tool & Engineering Co.,
536 Elm St., Chicago, Ill.
"Atec"

Atec—see Able Tool & Engi-
neering Co.

Bridgeport Hardware Mfg.
Corp., Bridgeport, Conn.
"Radio-Lectric"

Radio-Lectric — see Bridge-
port Hardware Mfg. Corp.

KEYS, Anti-Capacity—

see Switches, Cam

KEYS, Telegraph—

see Keys, Transmitting

KEYS, Transmitting

Ajax Electric Co., 18 Palmer
St., Cambridge, Mass.

Beeko—see Bunnell & Co.

Bunnell & Co., J. H., 32 Park
Pl., New York, N. Y.
"Beeko"

Cootie—see Leach Relay Co.

Leach Relay Co., San Fran-
cisco, Cal. "Cootie"

Signal Electric Mfg. Co.,
1915 Broadway, Menom-
inee, Mich.

KITS, Antenna—

see Aerials

also Wire

KITS, B Battery**Eliminator—**

see Rectifiers, Knockdown
Plate Current Supply

KITS, Neutrodyne—

see Sets, Knockdown

KITS, Superdyne—

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**KITS,
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see Sets, Knockdown

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Square D Co., Detroit, Mich.

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see Switches, Baby Knife also Switches, Standard Knife

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see Dials, Rubber also Insulation, Molders of

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Panelite—see Walbert Mfg. Co.

Walbert Mfg. Co., 945 Wrightwood Ave., Chicago, Ill. "Panelite"

Yaxley Mfg. Co., 217 N Desplaines St., Chicago, Ill.

KNOBS, Composition—

see Dials, Rubber also Insulation, Molders of

KNOCKDOWN BATTERY ELIMINATOR KITS—

see Rectifiers, Knockdown Plate Current Supply

LAVA INSULATORS—

see Insulators, Lava

KNOBS, Dial—

see Dials, Rubber also Insulation, Molders of

KNOCKDOWN CABINETS—

see Cabinets, Knockdown

KNOBS, Porcelain Wiring

Bull Dog—see Illinois Electric Porcelain Co.

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Emily—see Findlay Electric Porcelain Co.

Ever-Ready—see Davidson Porcelain Co.

Fedco—see Federal Porcelain Co.

Federal Porcelain Co., Carey, Ohio. "Fedco"

Findlay Electric Porcelain Co., Findlay, Ohio. "Emily"

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KNOCKDOWN PLATE CURRENT SUPPLY RECTIFIERS—

see Rectifiers, Knockdown Plate Current Supply

KNOCK DOWN STORAGE BATTERIES—

see Batteries, Knockdown Storage

LACQUERS, Crystallizing

Hilo Varnish Corp., Gerry St., Brooklyn, N. Y.

LAMINATED PANELS—

see Insulation, Composition

LEAD-IN CONNECTORS, Solderless—

see Connectors, Solderless Lead-in

LEAD-IN WIRE—

see Wire, Rubber Covered

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Boston—see Hearwell Electric Co.

Delgro Electric Mfg. Co., 11 S. Eighth Ave., New Brunswick, N. J. See advertisement, page 16.

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- Electrad, Inc., 428 Broadway,
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- ✓Fahnestock Electric Co., Long
Island City, N. Y. See
advertisement, page 38.
- Forbes—see Hearwell Elec-
tric Co.
- Gem—see Wireless Products
Corp.
- Hargraves, C. E. & H. T.,
Lakewood, R. I.
- Hart & Hegeman Mfg. Co.,
342 Capitol Ave., Hartford,
Conn. "H & H"
- Hearwell Electric Co., 53
Devonshire St., Boston,
Mass. "Boston" "Forbes"
- H & H—see Hart & Hegeman
Mfg. Co.
- Lenz — see Permanco Mfg.
Corp.
- Mast Lightning Rod Co.,
(Radio Accessory Dept.),
West Milton, Ohio
- M & M Co., 500 Prospect
Ave., Cleveland, Ohio
- Mohawk Corp. of Illinois,
2222 Diversey Parkway,
Chicago, Ill.
- Mucher, John J., 109 Lafay-
ette St., New York, N. Y.
- Muter Co., Leslie P., 76th &
Greenwood Ave., Chicago,
Ill.
- New Way—see Ajax Electric
Co.
- Nifty—see Amoroso Mfg. Co.
- ✓Permanco Mfg. Corp., 814-
16 Prospect Ave., Brook-
lyn, N. Y. "Premo,"
"Lenz" See advertisement,
page 89.
- Premo—see Permanco Mfg.
Corp.
- Swan-Haverstick, Inc., 143 S.
State St., Trenton, N. J.
- Tillman Products Co., 187 W.
Ninth St., Brooklyn, N. Y.
- Tridot Electric Co., 16 Hud-
son St., New York, N. Y.
- Winsor & Whitford, Wolcott,
N. Y.
- Wireless Products Corp., 362
Broadway, New York, N. Y.

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**LEVER SWITCH
CONTACTS—**

see Contacts, Switch

LEVER SWITCHES—

see Switches, Panel Lever

**LIGHT SWITCHES,
Combination Pilot—**

see Switches, Combination
Pilot Light

**LIGHTERS, Electric
Cigar**

Cuno Engineering Corp.,
Meriden, Conn.

Hance-Parker Mfg. Co.,
Meriden, Conn. "Smoker-
lite"

Metal Specialties Mfg. Co.,
338 N. Kedzie Ave., Chi-
cago, Ill. "Presto"

Presto—see Metal Specialties
Mfg. Co.

Remo Corp., Meriden, Conn.
"Remoliter"

Remoliter—see Remo Corp.

Smokerlite — see Hance-
Parker Mfg. Co.

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ARRESTERS—**

see Arresters, Lightning In-
door

also Arresters, Lightning
Outdoor

**LIGHTNING
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see Varnish, Insulating

LITZ WIRE—

see Wire, Stranded Enamel

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see Switches, Lock****LOCK WASHERS—
see Washers, Lock****LOCKING BATTERY
SWITCH—**

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see Aerials, Loop****LOOPS—**

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Screw**

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& Broadway, Council
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Co., 212 Centre St., New
York, N. Y.Radio Research Corp., 15
Park Row, New York,
N. Y.Universal Winding Co., 95
South St., Boston, Mass.
"Leesona"Weehawken Electric & Mfg.
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Weehawken, N. J. "Wem-
co"Wemco — see Weehawken
Electric & Mfg. Co.**MACHINES, Engraving**Branch Tool Co., Forestdale,
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N. Y.Engravograph Corp., 90
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1107 13th St., Racine, Wis.Williams Engraving Machine
Co., C. F., 38 Chardon St.,
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see Wire, Magnet

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see Modulators, Magnetic

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Chicago, Ill.Jaeger-Carlson Mfg. Co., 161
Jamaica Ave., Brooklyn,
N. Y.Thomas & Skinner Steel Pro-
ducts Co., Empire & Har-
mo. Sts., Indianapolis,
Ind.**MARKERS,
Metal Cable**✓ Crowe Name Plate & Mfg.
Co., 1749 Grace St., Chi-
cago, Ill. See advertise-
ment, page 91.✓ General Etching & Mfg. Co.,
3070-82 W. Grand Blvd.,
Chicago, Ill. See advertise-
ment, page 61.Radio Co., 4003 N. Tripp
Ave., Chicago, Ill. "Safety
First"

Safety First—see Radio Co.

✓ Whitehead & Hong Co., 272
Sussex Ave., Newark, N. J.
See advertisement, page 97.**MASTS, Steel—**see Poles, Steel
also Towers, Steel**MATS, Rubber Battery**Ajax—see Philmore Mfg. Co.
Alpha Radio Supply Co., 621
Broadway, New York, N. Y.Goodrich Rubber Co., B. F.,
Akron, OhioPhilmore Mfg. Co., 105
Chambers St., New York,
N. Y. "Ajax"**MEASURING
INSTRUMENTS—**see Ammeters and Volt-
meters**MECHANICAL
RECTIFIERS—**

see Rectifiers, Vibrator

**METAL BINDING
POSTS—**

see Posts Metal

**METAL CABLE
MARKERS—**

see Markers, Metal Cable

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see Dials, Metal

**METAL
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see Diaphragms, Metal

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Metal**METAL SOCKETS—**

see Sockets

METAL STAMPINGS—

see Stampings, Metal

METERS, Ohm—

see Ohmmeters

METERS, WaveEnsign—see Hayes Products
Co.Firth Radio Corp., 25 Beaver
St., New York, N. Y.
"Selbt"✓General Radio Co., Cam-
bridge, Mass. See adver-
tisement, page 47.Hayes Products Co., 1301
Fulton St., Grand Haven,
Mich. "Ensign"Jewell Electrical Instrument
Co., 1640 Walnut St., Chi-
cago, Ill.Radio Engineering Labora-
tories, 27 Thames St., New
York, N. Y. "REL"REL—see Radio Engineer-
ing Laboratories.

Selbt—see Firth Radio Corp.

MICA CONDENSERS—

see Condensers, Fixed

MICA DIAPHRAGMS—

see Diaphragms, Mica

MICA, Sheet and TubeAmerican Mica Works, 47
West St., New York, N. Y.
Asheville Mica Co., Biltmore,
N. C.✓Brand & Co., William, 27 E.
22d St., New York, N. Y.
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182.Chicago Mica Co., Lincoln &
Campbell Sts., Valparaiso,
Ind. "Micabond"Dielectric Mfg. Co., Van-
deventer & Duncan Aves.,
St. Louis, Mo.Granite State Mica Co., 63
Gorham St., West Somer-
ville, Mass.Hirsch Mica Co., 1087 Flush-
ing Ave., Brooklyn, N. Y.Huse-Liberty Mica Co., 73
Long Wharf, Boston, Mass.Imico — see International
Mica Co.International Mica Co., 37th
& Brandywine Sts., Phila-
delphia, Pa. "Imico"Meirowsky Bros., 11 McPher-
son Pl., Jersey City, N. J.Mica Co. of Canada, Massena,
N. Y.Mica Insulator Co., 68 Church
St., New York, N. Y.
"Micanite"Mica Mfg. Co., 135 Johnson
St., Brooklyn, N. Y.Micabond—see Chicago Mica
Co.Micanite—see Mica Insulator
Co.Munsell & Co., Eugene, 68
Church St., New York,
N. Y.New England Mica Co.,
Waltham, Mass.New England Minerals Co.,
52 Devonshire St., Boston,
Mass.Richmond Mica Co., 323 S.
Ninth St., Richmond, Va.
"Silver Sheen"Schoonmaker Insulation Co.,
A. O., 30 University Pl.,
New York, N. Y.Silver Sheen—see Richmond
Mica Co.

Storrs Mica Co., Owego, N. Y.

Tar Heel Mica Co., Plum-
tree, N. Car.**MICROMETER
CONTROLS—**see Attachments, Vernier
also Dials, Vernier**MICROMETER
DIALS—**

see Dials, Vernier

**MICROPHONE
TRANSFORMERS—**see Transformers, Micro-
phone**MICROPHONES,
Transmitting**American Electric Co., 6401
S. State St., Chicago, Ill.Federal Telephone Mfg.
Corp., Buffalo, N. Y.Frost, Herbert H., 314 W.
Superior St., Chicago, Ill.Globe Phone Mfg. Co., Read-
ing, Mass.✓Kellogg Switchboard & Sup-
ply Co., 1066 W. Adams
St., Chicago, Ill. See In-
side Back Cover.Magnavox Co., 2725 E. 14th
St., Oakland, Cal.Stromberg-Carlson Telephone
Mfg. Co., 1060 University
Ave., Rochester, N. Y.Western Electric Co., 100 E.
42d St. New York, N. Y.**MILLIAMMETERS—**see Ammeters and Volt-
meters**MINERALS, Crystal—**

see Crystals

MINIATURE JACKS—

see Jacks, Phone Tip

**MINIATURE KNIFE
SWITCHES—**

see Switches, Baby Knife

**MODULATION
TRANSFORMERS—**see Transformers, Modula-
tion**MODULATORS,
Magnetic**✓Radio Corp. of America,
New York, N. Y. See ad-
vertisements, pages 134,
135, Inside Front Cover
and Opposite Inside Back
Cover.**MOLDED DIALS—**

see Dials, Rubber

**MOLDED
INSULATION—**

see Insulation, Molders of

**MOLDED
VARIOCOUPERS—**

see Variocouplers

MOLDED VARIOMETERS—

see Variometers

MOLDING MACHINES—

see Machines, Plastic Molding

MOLYBDENITE CRYSTALS—

see Crystals

MOTOR GENERATORS, BATTERY CHARGING—

see Rectifiers, Motor Generator

MOUNTING ADAPTERS—

see Adapters, Mounting

MOUNTING JIGS—

see Jigs, Mounting

MOUNTINGS, Coil

Eranston, Chas. A., 813 Main St., Buffalo, N. Y.

Bruno Radio Corp., 221 Fulton St., New York, N. Y.

Columbia Radio Corp., 155 N. Union St., Chicago, Ill.

Coto-Coil Co., 87 Willard Ave., Providence, R. I.

Curkold Corp., 100 Charles St., New York, N. Y.

K. B. Mfg. Co., 222 Elghth St., San Francisco, Cal.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Pacent Electric Co., 91 Seventh Ave., New York, N. Y.

Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.

Wireless Electric Co., 204 Stanwix St., Pittsburgh, Pa.

MOUNTINGS, Crystal—

see Holders, Crystal

MOUNTINGS, Fan Coil

Goodman, L. W., 436 Forrest Ave., Drexel Hill, Pa.

MOUNTINGS, Grid-Leak—

see Holders, Grid-Leak

MOUNTINGS, Honeycomb Coil—

see Mountings, Coil

MOUNTINGS, Plate Condenser—

see Holders, Grid-Leak

MOUNTINGS, Resistance—

see Holders, Grid Leak

MOUNTS, Panel Socket

✓Alden Manufacturing Co., Dept. D-6, Springfield Mass. "Na-ald" Cataloged on page 145.

Na-ald — see Alden Manufacturing Co.

MULTIPLE BATTERY CABLES—

see Cables, Multiple Battery

MULTIPLE CABLE—

see Cable, Multiple

MULTIPLE COMPARING SWITCHES—

see Switches, Multiple Speaker Testing

MULTIPLE CONNECTION BINDING POSTS—

see Posts, Multiple Connection

MULTIPLE CONNECTOR PLUGS—

see Plugs, Multiple Connector.

MULTIPLE PHONE BLOCKS—

see Boxes, Multiple Phone

MULTIPLE PHONE CONNECTORS—

see Boxes, Multiple Phone also Plugs, Multiple Phone also Posts, Multiple Connection Binding

MULTIPLE PHONE PLUGS—

see Plugs, Multiple Phone

MULTIPLE SPEAKER TESTING SWITCHES—

see Switches, Multiple Speaker Testing

MULTIPOINT VOLTMETER SWITCHES—

see Switches, Multipoint Voltmeter

NAME PLATES—

see Plates, Name

NEUTRALIZING CONDENSERS—

see Condensors, Neutralizing

NUTS, Brass

✓Arrow Hardware Corp. 27 Vestry St., New York, N.Y. See advertisement, page 118.

✓Blake & Johnson Co., Waterbury, Conn. See advertisement, page 119.

Bridgeport Brass Co., Bridgeport, Conn.

Chicago Nut Mfg. Co., 2513 W. Cullerton St., Chicago, Ill.

Economy Screw Corp., 5215 Ravenswood Ave., Chicago, Ill.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

H & H—see Hart & Hegeman Mfg. Co.

Namco — see National Acme Co.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

NUTS, Brass**Continued**

National Acme Co., E. 131st St. & Coit Ave., Cleveland, Ohio. "Namco"

✓Pheoll Manufacturing Co., 5710 Roosevelt Rd., Chicago, Ill. See advertisement, page 120.

✓Seovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.

Screw Machine Specialty Co., 314 29th St., Pittsburgh, Pa.

Steele & Johnson Mfg. Co., 779 S. Main St., Waterbury, Conn.

Waterbury Mfg. Co., Waterbury, Conn.

NUTS, Hexagon—

see Nuts, Brass

OHMMETERS

Biddle, James G., 1211 Arch St., Philadelphia, Pa. "Meg"

Illinois Testing Laboratories, 141 W. Austin Ave., Chicago, Ill.

Meg—see Biddle, James G. Queen-Gray Co., 70 W. Johnson St., (Germantown), Philadelphia, Pa.

Standco—see Sticht & Co.

Sticht & Co., Herman H., 15 Park Row, New York, N. Y. "Standco"

OPEN CIRCUIT JACKS—

see Jacks, Phone

OPEN END WRENCHES—

see Wrenches, Open End

OSCILLATION TRANSFORMERS—

see Transformers, Oscillation

OSCILLATOR COUPLERS—

see Couplers, Oscillator

OUTDOOR AERIALS—

see Aerials, Outdoor

OUTFITS, Testing—

see Sets, Electrical Testing

PADS, RUBBER—

see Cushions, Rubber Set

PAINT, Storage Battery

American Di-Electric, Ltd., 466 E. Seventh St., Brooklyn, N. Y.

Barber Asphalt Co., Land Title Bldg., Philadelphia, Pa. "Genasco"

Genasco—see Barber Asphalt Co.

PANCAKE COILS—

see Coils, Inductance

PANEL CUTTERS—

see Cutters, Panel Hole

PANEL ENGRAVING MACHINES—

see Machine, Engraving

PANEL ENGRAVINGS—

see Transfers, Decalomania

PANEL KNIFE SWITCHES—

see Switches, Baby Knife

PANEL LAMPS—

see Lamps, Panel

PANEL LEVER SWITCHES—

see Switches, Panel Lever

PANEL SAWS—

see Saws, Panel

PANEL SHIELDING—

see Shielding, Panel

PANEL SOCKET MOUNTS—

see Mounts, Panel Socket

PANEL SWITCHES—

see Switches, Baby Knife also Switches, Inductance also Switches, Panel Lever also Switches, Push-Pull

PANELING—

see Fibre, Vulcanized also Insulation, Composition also Rubber, Hard

PANELS, Composition—

see Insulation, Composition

PANELS, Cutters, Drillers and Engravers of

Accurate Panel Engraving Corp., 12 Elm St., New York, N. Y.

Aetna Radio Panel Co., 30 Park Pl., New York, N. Y. "D X Ité"

Allied Radio Co., 108 Greenwich St., New York, N. Y.

American Radio Panel Co., 50 Commercial St., Newark, N. J.

✓Art Decorating Radio Panel Co., 174 Wooster St., New York, N. Y. See advertisement, page 95.

Bay State Panel Co., 16 Hudson St., New York, N. Y.

Boston Radio Mfg. Co., 117 Water St., Boston, Mass.

Calvert Specialty Co., 141 N. 11th St., Philadelphia, Pa.

Chicago Radio Apparatus Co., 415 S. Dearborn St., Chicago, Ill.

Cleddinning Radio Products Inc., 72 Park Pl., New York, N. Y.

Conway Mfg. Co., 153 Jefferson St., Philadelphia, Pa.

Cortlandt Panel Engraving Co., 81 Cortlandt St., New York, N. Y.

✓Crescent Radio Supply Co., 7 Liberty St., Jamaica, N. Y. Cataloged on page 115.

Dejco—see Johnson Co.

ART DECORATING—*at a saving* over engraving, etching or process methods

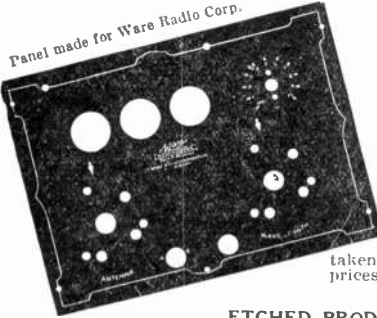
SET MANUFACTURERS AND PANEL CUTTERS—
LET US QUOTE ON YOUR DECORATING WORK

Faithful reproductions of intricate designs and hair line details on your panels, pointers, name plates, etc.


Gold and Silver effects that add elegance to your radio assembly.

ART DECORATING RADIO PANEL CO., INC.

174 Wooster Street, New York City
Phone Spring 6255.

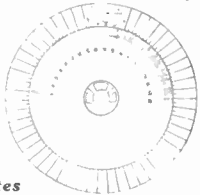


Panels and Pointers for Thermodyne Radio Corp.



Westinghouse Name Plate

Dials for Mydar Radio Company



Etched Panels—Dials—Name Plates

Metal panels made of brass, bronze and aluminum have taken the Radio Industry by storm by reason of their lower prices and much more attractive appearance.

Let us quote on your requirements.

ETCHED PRODUCTS CORP., 90 10th Street, Long Island City, N. Y.

PANELS, Cutters, Drillers and Engravers of Continued

- D X Ite—see Aetna Radio Panel Co.
- Excell Radio Mfg. Co., 711 W. Jefferson St., Los Angeles, Cal.
- Foradio—see Goldstein & Co.
- Formica Insulation Co., 4662 Spring Grove Ave., Cincinnati, Ohio. "Verl Chrome." See advertisement, page 83.
- Goldstein & Co., Paul, 54 Franklin St., New York, N. Y. "Foradio"
- Imperial Economy Radio Co., 81 Cortlandt St., New York, N. Y.
- Insulating Company of America (Radio Panel & Parts Corp.), 59 Warren St., New York, N. Y. See advertisement, page 96.
- Johnson Co., D. E., 221 Fulton St., New York, N. Y. "Dejco"
- Kimo Panel Engraving Co., 237 Greenwich St., New York, N. Y.
- Marine Radio Mfg. & Electric Co., 1044 St. Nicholas Ave., New York, N. Y.
- Moeller Machine Co., 2714 S. Canal St., Chicago, Ill.
- National Radio Panel Co., 319 Broadway, New York, N. Y.
- Neocraft Co., 1482 Broadway, New York, N. Y.

- Ness, Jr., Geo. M., 61 Fulton St., New York, N. Y.
- New York Hard Rubber Turning Co., 212 Centre St., New York, N. Y.
- Northwestern Radio Mfg. Co., 1556 E. Taylor St., Portland, Ore.
- Oeters Co., Edgar O., 605 Arch St., Philadelphia, Pa.
- Panelyte Board Co., Enterprise Ave., Trenton, N. J.
- Peffer, R. M., 334 Chestnut St., Harrisburg, Pa.
- Poster & Co., 26 Barclay St., New York, N. Y.
- Poster & Co. of Illinois, 727 Fulton St., Chicago, Ill.
- Radio Laboratories & Mfg. Co., 1125 Wall St., Los Angeles, Cal.
- Radio Owners Service Co., 660 12th St., Oakland, Cal.
- Radio Panel & Tubing Co., 514 Orange St., Newark, N. J.
- Roselle Mfg. Co., 215 E. Ninth Ave., Roselle, N. J.
- Rosto Radio Engraving Plant, 50 Commercial St., Newark, N. J.
- Schmidt, Inc., Geo. T., 1800 Belle Plaine Ave., Chicago, Ill. See advertisement, page 98.
- Schnetzer-Hagen & Co., 83 Washington Pl., Passaic, N. J.
- Schwenke Machine Engraving Co., 2036 Woodward Ave., Detroit, Mich.

- Starrett Mfg. Co., 519 S. Green St., Chicago, Ill.
- United Radio Mfg. Co., 191 Greenwich St., New York, N. Y.
- Universal Insulation Co., 215 Emmet St., Newark, N. J.
- Veri Chrome—see Formica Insulating Co.
- Victor Radio Parts Co., 104 Portland St., Boston, Mass.

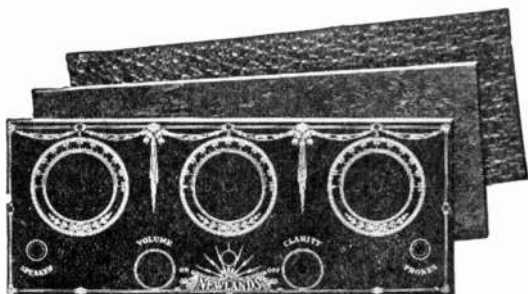
PANELS, Drillers of—see Panels, Cutters, Drillers and Engravers of

PANELS, Engravers of—see Panels, Cutters, Drillers and Engravers of

PANELS, Fibre—see Fibre, Vulcanized

- Hornig, August W., 3921 Dickens Ave., Chicago, Ill.
- Radio Shop, Batesville, Ark.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



INSULINE

Standard for
PANELS and SUB-PANELS

Leading manufacturers use Insuline because it is the only panel material that meets every radio requirement in the fullest degree. Highest in dielectric strength. Can be worked with ordinary tools. Does not chip, crack, warp, or become soft. Permanent high-lustre finish. In three finishes, as shown: "Frieze" finish; Mahogany; and Black Etch-O-Gravure. All standard and special sizes; also drilled and engraved for the most popular circuits.

We Save You Money on Panel Work

We are the world's largest Panel House. Because of our enormous facilities we are in a position to execute orders for cutting, drilling and decorating at lowest trade prices.

Insuline Aerial Insulators; heat-resisting; strain resistance 1,000 lbs.

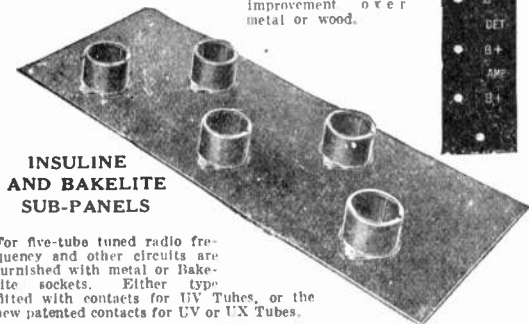


For the Most Beautiful Effects Use the Etch-O-Gravure Method of Panel Decoration

Our exclusive process of panel decoration. Produces beautiful etched effects in gold or white, impossible to secure by any other method. Costs less than ordinary engraving. Estimates submitted on receipt of sketch.



Insulating Brackets of 1/2 in. Bakelite, 2x6 1/2 in. with drilled and tapped holes. Mountable to front or sub-panel. A big improvement over metal or wood.



INSULINE AND BAKELITE SUB-PANELS

For five-tube tuned radio frequency and other circuits are furnished with metal or Bakelite sockets. Either type fitted with contacts for UV Tubes, or the new patented contacts for UV or UX Tubes.

INSULATING COMPANY OF AMERICA, Inc.

(Radio Panel & Parts Corp.)
Insuline Building, 59 Warren St.
New York, U. S. A.

Branches in Principal Cities

PANELS, Hard Rubber—

see Panels, Cutters, Drillers and Engravers of also Rubber, Hard

PANELS, Laminated—

see Insulation, Composition

PANELS, Metal

Aluminum Co. of America, Oliver Bldg., Pittsburg, Pa.

B. M. S.—see Brooklyn Metal Stamping Corp.

✓Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. "B. M. S." Catalogued on page 63.

✓Crowe Name Plate & Mfg. Co., 1749 Grace St., Chicago, Ill. See advertisement, page 91.

Etch-Art—see Grammes & Sons.

✓Etched Products Corp., Queens Blvd. & Harold Ave., Long Island City, N. Y. See advertisement, page 95.

Etching Co. of America, 1520 Montana St., Chicago, Ill.

✓General Etching & Mfg. Co., 3070-82 W. Grand Ave., Chicago, Ill. See advertisement, page 61.

✓Grammes & Sons, L. F., 310 Union St., Allentown, Pa. "Etch-Art" See advertisement, pages 97 and 159.

Hanson Co., C. H., 178 N. Clark St., Chicago, Ill.

✓Litho-Etching Corp., 52 Vanderbilt Ave., New York, N. Y. See advertisement, page 64.

✓Premier Metal Etching Co., 300-30 Van Alst Ave., Long Island City, N. Y. See advertisement, page 98.



PANELS, Phonograph Adapting—

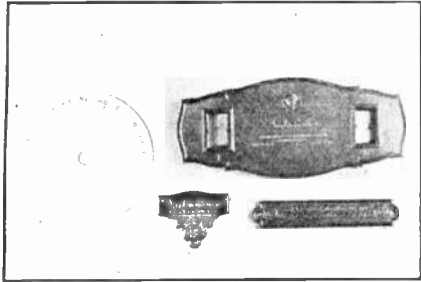
see Sets, Phonograph Adapting

PANELS, Rubber—

see Panels, Cutters, Drillers and Engravers of also Rubber, Hard

PANELS, Wired Sub—

see Boards, Wired Base

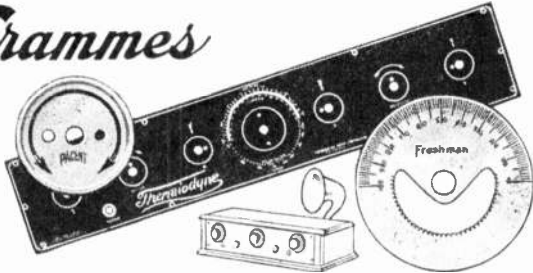


Escutcheon Plates and Name Plates of all metals ¶ Dials in celluloid and metal ¶ Celluloid Windows for panels ¶ Fine Gold Decorating on panels of any material ¶ Artistic Signs for dealers ¶ Celluloid Tags for marking wires.

WHITEHEAD & HOAG CO.
272 Sussex Ave., Newark, N. J.

made by *Grammes*

Art-Metal Panels, Dials and Name Plates



Established 1875

Grammes PRODUCTS

METAL SPECIALTIES

- Stampings
- Wire Formings
- Etched Metal Products
- Name Plates
- Advertising Specialties
- Indoor Advertising Signs
- Checks and Badges
- Card Holders
- Calendar Supplies
- Cabinet Hardware
- Small Nails
- Machinery

GRAMMES specializes in the creation and production of etched, embossed and stamped radio work in such special finishes as "Etch-Art"—"Chemi-color"—"Glas-Lyk"—and "Vari-Tint."

Metal Panels with dial markings and holes in distinctive and novel color effects. You will like them.

Dials and Name Plates that are made to harmonize with panel and cabinet. Unusual possibilities.

We will work out your ideas. No obligation of course.

Kit set mfrs. write us about special metal panels.

L. F. Grammes & Sons
INCORPORATED

310 Union St., Allentown, Pa.
New York Office—25 West 43rd St.

(See Also Our Ad, on Page 159.)



Eureka Dial Pointers

A jewelry product. Heavily nickel plated. Gilt if desired. Screw up tight to panel and stay.

Two sizes on colored display cards. "Eureka" 51 to a card. "Eureka, Jr." 52 to a card. List, \$5. Dealer's price, \$3.25.



Eureka D-X Owls

Once these lapel buttons are introduced in a community they sell like wildfire. 34 on colored display card. List \$3.40 in Nickel and \$5.00 in Gold Plate. Dealer's prices, \$2.1 and \$3.25. Also used as dial pointers.

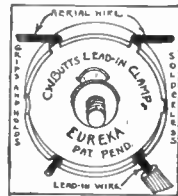
D-X OWL

Three fast selling specialties

If your jobber doesn't carry these mail your trial order direct.

C. W. Butts, Inc., 44 Hedden Pl., East Orange, N. J.

Representatives: Weber Distributing Company, 222 Fulton St., New York. Saml. S. Dalls, 1723 North Franklin St., Philadelphia, Pa. Walsh & Hill, 608 Wainwright Bldg., St. Louis. Factory Sales Agencies Co., 693 Mission St., San Francisco. Representatives wanted in all large centers.



Solderless Aerial Lead-In Clamp

9 out of 10 connections between aerial and lead-in are poor. The Eureka makes a connection superior to most soldered jobs with one-tenth the trouble. Standard package of 20, \$5.00 per package

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ENGRAVED & DRILLED

CELORON
BAKELITE

RADIO PANELS

Get our quotation

GEO. T. SCHMIDT, Inc.

1800 Belle Plaine Ave.

CHICAGO, ILL.

***Production Need Not Be Held Up
For PANEL DELIVERIES***

Manufacturers have been quick to take advantage of the attractive finishes of etched name plates, dials and pointers, and now are turning to complete ETCHED PANELS as well.

Your panel can be rapidly and inexpensively produced by this process whether it be simple or elaborate in design.

Etched panels keep pace with your production—they are unbreakable—come to you ready for immediate assembly.

WRITE FOR SAMPLES AND PRICES

PREMIER METAL ETCHING CO.

300-330 Van Alst Avenue
Long Island City, N. Y.

Panels	}	Makers of	}	Brass		
Dials				Etched	Bronze	
Pointers					in	Aluminum
Name Plates						Etc.

Another New York Dealer says:

“We patronize many of your advertisers and get great help from the Directory.”

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- Armour Sand Paper Works, 1355 W. 31st St., Chicago, Ill.
- B-A—see Baeder, Adamson & Co.
- Baeder, Adamson & Co., Richmond St. & Allegheny Ave., Philadelphia, Pa. "B-A"
- Barton & Son Co., H. H. (Holmesburg), Philadelphia, Pa.
- Behr & Co., Herman, 33 Tiffany Pl., Brooklyn, N. Y. "Brooklyn"
- Brooklyn—see Behr & Co.
- Carborundum Co., Buffalo & 18th Sts., Niagara Falls, N. Y.
- Crystal Bay—see Minnesota Mining & Mfg. Co.
- Durite—see Manning Abrasive Co.
- Manning Abrasive Co., Troy, N. Y. "Metalite," "Durite"
- Metalite—see Manning Abrasive Co.
- Minnesota Mining & Mfg. Co., St. Paul, Minn. "Three-Mite," "Crystal Bay"
- Ruff-Stuff—see Wausau Abrasives Co.
- Three-M-ite—see Minnesota Mining & Mfg. Co.
- Union—see American Glue Co.
- Wausau Abrasive Co., 1017 Harrison Blvd., Wausau, Wis. "Ruff-Stuff"

PAPER, Resistance

O'Meara Co., Maurice, 448 Pearl St., New York, N. Y.

PAPER TUBES—

see Tubes, Paper

PARTS,

Composition—

see Composition, Insulating

PARTS, Die Cast—

see Castings, Die

PARTS, Molded—

see Insulation, Molded

PASTE, Soldering—

see Flux, Soldering

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

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BEADERS—**see **Tools**, Bezel Beading**PERMANENT
MAGNETS—**see **Magnets**, Permanent**PHONE ADAPTERS—**see **Adapters**, Phonograph**PHONE CORD—**see **Cord**, Flexible Tinsel**PHONE CORD TIPS—**see **Tips**, Cord**PHONE CORDS—**see **Cord**, Telephone**PHONE JACKS—**see **Jacks**, Phone**PHONE PLUGS—**see **Plugs**, Multiple
also **Plugs**, Single**PHONE TIP JACKS—**see **Jacks**, Cord Tip**PHONES, Head—**see **Heads**-Sets**PHONES, Single—**see **Units**, Loud Speaker**PHONOGRAPH
ADAPTERS—**see **Adapters**, Phonograph**PHONOGRAPH
PANELS—**see **Sets**, Phonograph
Adapting**PHONOGRAPH SETS,
Combination Radio—**see **Sets**, Combination
Radio-Phonograph**PHONOGRAPH
UNITS—**see **Units**, Loud Speaker**PHOSPHOR
BRONZE—**see **Brass** and **Copper**,
Sheet and Rod**PIANO HINGES—**see **Hinges**, Continuous**PILOT LIGHT
SWITCHES,
Combination—**see **Switches**, Combination
Pilot Light**PIPE CLAMPS—**see **Clamps**, Ground**PLASTIC MOLDING
MACHINES—**see **Machines**, Plastic Mold-
ing**PLATE CONDENSER
HOLDERS—**see **HOLDERS**, Grid-Leak**PLATE CONDENSER
MOUNTINGS—**see **HOLDERS**, Grid-Leak**PLATE CURRENT
GENERATORS—**see **Generators**, High Fre-
quency**PLATE CURRENT
SUPPLY KITS,
Knockdown—**see **Rectifiers**, Knockdown
Plate Current Supply**PLATE CURRENT
SUPPLY RECTI-
FIERS—**see **Rectifiers**, Filament
Current Supplyalso **Rectifiers**, Plate Cur-
rent Supplyalso **Rectifiers**, Filament
and Plate Current Sup-
ply**PLATE CURRENT
SUPPLY
RECTIFIERS,
Knockdown—**see **Rectifiers**, Knockdown
Plate Current Supply**PLATE REACTORS—**see **Reactors**, Plate**PLATE
VOLTMETERS—**see **Ammeters** and **Volt-**
meters, Panel**PLATES, Battery—**see **Batteries**, Storage**PLATES, Jack Name**Adams Radio Mfg. Co., 1044
W. Van Buren St., Chi-
cago, Ill.Carter Radio Co., 300 S.
Racine Ave., Chicago, Ill.✓Crowe Name Plate & Mfg.
Co., 1749 Grace St., Chi-
cago, Ill. See advertise-
ment, page 91.Etching Co. of America, 1520
Montana St., Chicago, Ill.Paent Electric Co., 91 Sev-
enth Ave., New York, N. Y.Yaxley Mfg. Co., 217 N.
Desplaines St., Chicago,
Ill.**PLATES,
MOUNTING—**see **Adapters**, Mounting**PLATES, Name**Auld Co., D. L., Fifth Ave. &
Fifth St., Columbus, Ohio✓Crowe Name Plate & Mfg.
Co., 1749 Grace St., Chi-
cago, Ill. See advertise-
ment, page 91.*When writing concerns listed, please mention THE RADIO TRADE DIRECTORY*

PLATES, Name Continued

- Detroit Name Plate Etching Co., 648 E. Congress St., Detroit, Mich.
- Electro Chemical Engraving Co., 52 Vanderbilt Ave., New York, N. Y.
- ✓Etched Products Corp., Queens Blvd. & Harold Ave., Long Island City, N. Y. See advertisement, page 95.
- Etching Co. of America, 1520 Montana St., Chicago, Ill.
- ✓General Etching & Mfg. Co., 3070-82 W. Grand Ave., Chicago, Ill. See advertisement, page 61.
- ✓Grammes & Sons, L. F., 310 Union St., Allentown, Pa. See advertisements, pages 97 and 159.
- Hoggson & Pettis Mfg. Co., 141 Brewery St., New Haven, Conn.
- ✓Litho-Etching Corp., 52 Vanderbilt Ave., New York, N. Y. See advertisement, page 61.
- Matthews & Co., Jas. H., 3942 Forbes St., Pittsburgh, Pa.
- Mayer & Co., Geo. J., 36 S. Meridian St., Indianapolis, Ind.
- Moss & Co., Henry, 113 W. 53d St., Brooklyn, N. Y.
- Murdock Stamp & Specialty Co., 123 W. Pearl St., Cincinnati, Ohio
- ✓Premier Metal Etching Co., 300-30 Van Alst Ave., Long Island City, N. Y. See advertisement, page 98.
- Spencer Mfg. Co., S. M., Washington & Cornhill Sts., Boston, Mass.
- Stafford Co., N., 96 Fulton St., New York, N. Y.
- Stanley Mfg. Co., Dayton Ohio
- Triangle Atlantic Corp., 349 Adams St., Brooklyn, N. Y.
- ✓Whitehead & Hoag Co., 272 Sussex Ave., Newark, N. J. See advertisement, page 97.
- Bergman Tool Mfg. Co., 1573 Niagara St., Buffalo, N. Y.
- Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric."
- Buffum Tool Co., Louisiana, Mo.
- Cronk & Carrier Mfg. Co., Montour Falls, N. Y.
- Dreadnaught—see Kraeuter & Co.
- Erie Tool Works, 11th & French Sts., Erie, Pa.
- Gittatit—see Smith & Co.
- Goodell-Pratt Co., Wells St., Greenfield, Mass.
- ✓Goyer Co., Willimantic, Conn. "Windham" See advertisement, page 50.
- Herbrand Co., 109 E. State St., Fremont, Ohio
- Kilbourne & Bishop Co., 196 Chapel St., New Haven, Conn. "Reliance," "Star"
- Kraeuter & Co., 583 18th Ave., Newark, N. J. "Dreadnaught," "Victor"
- Mayhew Steel Products, Inc., Shelbourne Falls, Mass.
- Mossberg Co., Frank, Lamb St., Attleboro, Mass.
- Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"
- Pexto—see Peck, Stow & Wilcox Co.
- Radio-Lectric—see Bridgeport Hardware Mfg. Corp.
- Red Devil—see Smith & Hemenway
- Reliance—see Kilbourne & Bishop Co.
- Schollhorn Co., Wm., 414 Chapel St., New Haven, Conn.
- Smith & Co., H. D., Plantsville, Conn. "Gittatit"
- Smith & Hemenway, Jamestown, N. Y. "Red Devil"
- Star—see Kilbourne & Bishop Co.
- Starrett Co., L. S., 165 Crescent St., Athol, Mass.
- Utica Drop Forge & Tool Co., 2415 Whitesboro St., Utica, N. Y.
- Vesco Radio Co., 6428 E. 14th St., Oakland, Cal.
- Victor—see Kraeuter & Co.
- Windham—see Goyer Co.
- Radlogem Corp., 66 W. Broadway, New York, N. Y. "Rageco"
- Rageco—see Radlogem Corp.
- Red Devil—see Smith & Hemenway Co.
- Schollhorn Co., Wm., 414 Chapel St., New Haven, Conn., "Bernard" "Paragon"
- Smith & Hemenway Co., Jamestown, N. Y. "Red Devil"
- ✓Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.
- Utica Drop Forge & Tool Co., 2800 Whitesboro St., Utica, N. Y.

PLUGS, Antenna or Socket

- Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
- Antenella—see Freshman Co.
- D. & B. Radio Service, 419 Riopelle St., Detroit, Mich.
- ✓Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York, N. Y. "Ducon" See advertisement, page 42.
- Ducon—see Dubilier Condenser & Radio Corp.
- Electrad, Inc., 428 Broadway, New York, N. Y.
- Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"
- Freshman Co., Chas., 240 W. 40th St., New York, N. Y. "Antenella"
- Globe Phone Mfg. Co., Reading, Mass.
- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
- Un-X-Ld—see Forman & Co.
- Webb Electric Mfg. Co., 2498 Kingston Rd., Cleveland, Ohio "W. W."
- W. W.—see Webb Electric Mfg. Co.
- PLUGS, Coil Mounting—
see Mountings, Honeycomb Coil
- PLUGS, Cord Tip
- Carter Radio Co., 300 S. Racine Ave., Chicago, Ill. "Imp"
- Frost, Herbert H., 314 W. Superior St., Chicago, Ill.
- Imp—see Carter Radio Co.
- Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ill.

PLATINUM, Sheet, Rod and Wire

see also Points, Contact

- American Platinum Works, N. J. R.R. Ave. & Olive St., Newark, N. J.
- Baker & Co., 54 Austin St., Newark, N. J.
- R & H Platinum Works, 709 Sixth Ave., New York, N. Y.
- Wilco—see Wilson Co.
- Wilson Co., H. A., 97 Chestnut St., Newark, N. J. "Wilco"

PLIERS, Combination

- Athol Machine Co., Athol, Mass.

PLIERS, Round Nose

- Bernard—see Schollhorn Co.
- Cronk & Carrier Mfg. Co., Montour Falls, N. Y.
- Paragon—see Schollhorn Co.
- Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"
- Pexto—see Peck, Stow & Wilcox Co.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

A Radio Dealer in Kentucky says:

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Jobbers—Dealers—Write

PLUGS, Multiple Connector

Complete Cable and Plug-in Connector for battery leads; for Multiple Battery Cables—see Cables, Multiple Battery

✓ Jones, Howard B., 618 S. Canal St., Chicago, Ill. See advertisement, page 101.

PLUGS, Multiple Phone

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Ajax—see Philmore Mfg. Co.

American Electric Co., 6401 S. State St., Chicago, Ill.

Barkeley Electric Mfg. Co., Middletown, Ohio

Beacon Radio Mfg. Co., 323 Berry St., Brooklyn, N. Y.

Bestone—see Hyman & Co.

Bull Dog—see Firth Radio Corp.

Carter Radio Co., 300 S. Racine Ave., Chicago, Ill. “Tu-Way”

Cico — see Consolidated Instrument Co.

Consolidated Instrument Co. of America, 41 E. 42d St., New York, N. Y. “Cico.”

✓ Eby Mfg. Co., H. H., 4710 Stanton Ave., Philadelphia, Pa., “Tip Top.” See advertisement, page 144.

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. “Erla”

Erla — see Electrical Research Laboratories.

Firth Radio Corp., 25 Beaver St., New York, N. Y. “Bull Dog”

Four Way Co., 29 Worthington St., Springfield, Mass.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

G. W.—see Walker Co.

✓ Hamburg Bros., 420-22 Seventh Ave., Pittsburgh, Pa. “Pennsylvania” See advertisement, page 128.

Howard Radio Co., 269 E. Ohio St., Chicago, Ill.

Hyman & Co., Henry, 220 W. 14th St., New York, N. Y. “Bestone”

King Quality Products, Inc., Rano St., Buffalo, N. Y.

Leich Electric Co., Genoa, Ill.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Mar-Co—see Martin-Copeland Co.

Martin-Copeland Co., 101 Sabin St., Providence, R. I. “Mar-Co”

✓ Murdock Co., Wm. J., Dept. 98, Chelsea, Mass. See advertisement, page 128.

Pacent Electric Co., 91 Seventh Ave., New York, N. Y.

Philmore Mfg. Co., 105 Chambers St., New York, N. Y. “Ajax”

Pilot Electric Mfg. Co., 323 Berry St., Brooklyn, N. Y.

Preferred Radio Products Corp., 408 E. 93d St., New York, N. Y.

Tip Top—see Eby Mfg. Co.

Tu-Way—see Carter Radio Co.

Walker Co., G. E., 1926 Chestnut St., St. Louis, Mo. “G. W.”

Yaxley Mfg. Co., 217 N. Desplains St., Chicago, Ill.

PLUGS, Single Phone

Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio. “Green Seal”

Ajax—see Philmore Mfg. Co.

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Barnes Co., Wallace, Bristol Conn.

Beacon Radio Mfg. Co., 323 Berry St., Brooklyn, N. Y.

Bell Mfg. Co., 11 Elkins St., Boston, Mass.

Birnbach Radio Co., 370 Seventh Ave., New York, N. Y.

B. M. S.—see Brooklyn Metal Stamping Corp.

**PLUGS, Single Phone
Continued**

Brach Mfg. Co., L. S., 127
Sussex Ave., Newark, N. J.

Branston, Chas. A., 813 Main
St., Buffalo, N. Y.

✓**Brooklyn Metal Stamping
Corp.**, 718 Atlantic Ave.,
Brooklyn, N. Y. "Tri-Plug"
"B. M. S." "Jero" Cata-
loged on page 63.

Bull Dog—see Firth Radio
Corp.

Carter Radio Co., 300 S.
Racine Ave., Chicago, Ill.

Chelton Electric Co., 4861
Stenton Ave., Philadelphia,
Pa.

Cico — see Consolidated In-
strument Co.

Connecticut Telephone &
Electric Co., 70 Britannia
St., Meriden, Conn.

Consolidated Instrument Co.
of America, 41 E. 42d St.,
New York, N. Y. "Cico".

✓**DeJur Products Co.**, Lafay-
ette & Broome Sts., New
York, N. Y. See advertise-
ment, page 50.

Doran & Sons, James C., 150
Chestnut St., Providence,
R. I.

Dymac—see Electrical Prod-
ucts Mfg. Co.

Electrical Products Mfg. Co.,
69 Sprague St., Providence,
R. I. "Dymac"

E-Z—see Polymet Mfg. Corp.

Federal Telephone Mfg.
Corp., Buffalo, N. Y.

Fenton, N., 57 Murray St.,
New York, N. Y.

Firth Radio Corp., 25 Beaver
St., New York, N. Y. "Bull
Dog"

Forman & Co., 366 Green-
wich St., New York, N. Y.
"Un-X-Ld"

Four Way Co., 29 Worthing-
ton St., Springfield, Mass.

Frost, Herbert H., 314 W.
Superior St., Chicago, Ill.

Gilfillan Bros., 1815 W. 16th
St., Los Angeles, Cal.

Green Seal — see Air-Way
Electric Appliance Corp.

Hart & Hegeman Mfg. Co.,
342 Capitol Ave., Hartford,
Conn. "H & H"

H & H—see Hart & Hege-
man Mfg. Co.

Jero — see Brooklyn Metal
Stamping Corp.

Jones Radio Mfg. Co., Jos.
W., 40 W. 25th St., New
York, N. Y.

✓**Kellogg Switchboard & Sup-
ply Co.**, 1066 W. Adams
St., Chicago, Ill. See in-
side Back Cover.

Leich Electric Co., Genoa,
Ill.

Magnus Electric & Radio
Mfg. Corp., 787 E. 138th
St., New York, N. Y.

Mar-Co — see Martin-Cope-
land Co.

Martin-Copeland Co., 101
Sabin St., Providence,
R. I. "Mar-Co"

Mazda Radio Mfg. Co., 3405
Perkins Ave., Cleveland,
Ohio "Muzada"

Millimeter Machine Works,
542 W. 22d St., New York,
N. Y.

Mohawk Corp. of Illinois,
2222 Diversey Parkway,
Chicago, Ill.

Morse Co., Frank W., 289
Congress St., Boston, Mass.

Music Master Corp., 128 N.
Tenth St., Philadelphia,
Pa.

Muter Co., Leslie F., 76th &
Greenwood Ave., Chicago,
Ill.

Muzada — see Mazda Radio
Mfg. Co.

National Electric Co., 165
Broadway, New York, N. Y.

Pacent Electric Co., 91 Sey-
enth Ave., New York, N. Y.

Philmore Mfg. Co., 105
Chambers St., New York,
N. Y. "Ajax"

Pilot Electric Mfg. Co., 323
Berry St., Brooklyn, N. Y.

Poly — see Polymet Mfg.
Corp.

Polymet Mfg. Corp., 599
Broadway, New York, N. Y.
"Poly" "E-Z"

Premier Electric Co., 3805
Ravenswood Ave., Chicago,
Ill.

Presto Machine Products Co.,
70 Washington St., Brook-
lyn, N. Y.

Saturn Mfg. & Sales Co., 48
Beekman St., New York,
N. Y.

Schiff Laboratories, 283
Glenwood Ave., Bloomfield,
N. J.

Spartan Electric Corp., 99
Chambers St., New York,
N. Y.

Splitdorf Electrical Co., 392
High St., Newark, N. J.

Stromberg-Carlson Telephone
Mfg. Co., 1060 University
Ave., Rochester, N. Y.

Stuart Products Corp., 663
W. Washington Blvd., Chi-
cago, Ill.

Tri-Plug — see Brooklyn
Metal Stamping Corp.

Un-X-Ld—see Forman & Co.

Waterbury Button Co.,
Waterbury, Conn.

✓**Weston Electrical Instrument
Corp.**, 157 Weston Ave.,
Newark, N. J. See adver-
tisement, page 12.

"X" Laboratories, 25 W.
45th St., New York, N. Y.

Yaxley Mfg. Co., 217 N. Des-
plaines St., Chicago, Ill.

PLUGS, Socket—
see Plugs, Antenna or
Socket

**POCKET
AMMETERS—**

see Ammeters and Volt-
meters

**POCKET
INSTRUMENTS—**

see Ammeters and Volt-
meters

POCKET METERS—

see Ammeters and Volt-
meters

**POCKET
VOLTMETERS—**

see Ammeters and Volt-
meters

POINT FILES—

see Files, Contact Point

POINTERS, Dial

✓**Butts, C. W.**, 44 Hedden Pl.,
East Orange, N. J.
"Eureka" "Eureka, Jr."
See advertisement, page
97.

Eureka—see Butts, C. W.

Hoosick Falls Radio Parts
Mfg. Co., Hoosick Falls,
N. Y.

Haller, W. B., 2100 Sarah
St., S. S., Pittsburgh, Pa.

Howard Radio Corp., 469 E.
Ohio St., Chicago, Ill.

Marle Engineering Co.,
Orange, N. J.

✓**Premier Metal Etching Co.**,
300-30 Van Alst Ave., Long
Island City, N. Y. See ad-
vertisement, page 98.

Radio Specialty Co., 98 Park
Pl., New York, N. Y.
"Rasco"

Rasco — see Radio Specialty
Co.

POINTS, Contact*see also Platinum*

- Ajax—see Philmore Mfg. Co.
 American Platinum Works,
 N. J. R. R. Ave. & Olive St.,
 Newark, N. J.
 Baker & Co., 54 Austin St.,
 Newark, N. J.
 Bishop & Co. Platinum
 Works, J. Malvern, Pa.
 Elkton Works, 515 Gregory
 Ave., Weehawken, N. J.
 ✓Kellogg Switchboard & Sup-
 ply Co., 1066 W. Adams
 St., Chicago, Ill. See In-
 side Back Cover.
 Philmore Mfg. Co. 105 Cham-
 bers St., New York, N. Y.
 "Ajax"
 R. & H. Platinum Works, 709
 Sixth Ave., New York,
 N. Y.
 Triangle Atlantic Corp., 349
 Adams St., Brooklyn, N. Y.
 Wilco—see Wilson Co.
 Wilson Co., H. A., 97 Chest-
 nut St., Newark, N. J.
 "Wilco"

POINTS, Switch—*see Contacts, Switch***POLE FITTINGS—***see Fittings, Iron Antenna
Pole***POLES, Aerial—***see Poles, Steel
also Towers, Steel***POLES, Steel**

- Archbold Brady Co., Syra-
 cuse, N. Y.
 Bates Expanded Steel Truss
 Co., East Chicago, Ind.
 Truscon Steel Co., Youngs-
 town, Ohio
 United States Wind Engine
 & Pump Co., Batavia, Ill.
 Whittlesey Engineering Co.,
 Cleveland, Ohio

**POLISHERS,
ELECTRIC—***see Drills, Electric***PORCELAIN
CLEATS—***see Cleats, Porcelain***PORCELAIN
INSULATORS—***see Insulators, Porcelain***PORCELAIN KNOBS—***see Knobs, Porcelain***PORCELAIN
SOCKETS—***see Sockets, Vacuum Tube***PORCELAIN
WIRING TUBES—***see Tubes, Porcelain***PORTABLE ELECTRIC
DRILLS—***see Drills, Electric Port-
able***PORTABLE JACKS—***see Jacks, Extension***PORTABLE SETS—***see Sets, Vacuum Tube***POSTS, Composition
Binding***A. C. H.—see Hayden Radio
& Research Co.*

✓Aerovox Wireless Corp., 489-
 93 Broome St., New York,
 N. Y. See advertisement,
 page 43.

Air-Way Electric Appliance
 Corp., 618 Broadway, To-
 ledo, Ohio "Green Seal"

Ajax—see Philmore Mfg. Co.

Ajax Electric Specialty Co.,
 1926 Chestnut St., St.
 Louis, Mo.

Bennington Radio & Electric
 Mfg. Co., 522 Main St.,
 Bennington, Vt. "Fremco"

Brenco — see Bennington
 Radio & Electric Mfg. Co.
 Chapman Machine Co., Ter-
 rville, Conn.

✓DeJur Products Co., Lafay-
 ette & Broome Sts., New
 York, N. Y. See advertise-
 ment, page 50.

✓Eby Mfg. Co., H. H., 4710
 Stenton Ave., Philadelphia,
 Pa. "Ensign" See adver-
 tisement, page 114.

Ensign—see Eby Mfg. Co.

Essex Mfg. Co., 40 Lawrence
 St., Newark, N. J.

Firth Radio Corp., 25 Beaver
 St., New York, N. Y.

Forest City Rubber Co., 1276
 Ontario St., Cleveland,
 Ohio.

Ganio-Kramer Co., 238 W.
 53d St., New York, N. Y.
 "G-K."

General Insulate Co., 1008
 Atlantic Ave., Brooklyn,
 N. Y.

✓General Radio Co., Cam-
 bridge, Mass. See adver-
 tisement, page 47.

Gilfillan Bros., 1815 W. 16th
 St., Los Angeles, Cal.

G-K—see Ganio-Kramer Co.

Green Seal — see Air-Way
 Electric Appliance Corp.

Hart & Hegeman Mfg. Co.,
 342 Capitol Ave., Hartford,
 Conn. "H & H"

Hayden Radio & Research
 Co., A. C. Brockton, Mass.
 "A. C. H."

H & H—see Hart & Hege-
 man Mfg. Co.

Hoosick Falls Radio Parts
 Mfg. Co., Hoosick Falls,
 N. Y.

Howard Radio Co., 469 E.
 Ohio St., Chicago, Ill.

✓Insulating Company of Amer-
 ica (Radio Panel & Parts
 Corp.), 59 Warren St., New
 York, N. Y. See advertise-
 ment, page 96.

Johns-Pratt Co., Hartford,
 Conn.

✓Kellogg Switchboard & Sup-
 ply Co., 1066 W. Adams
 St., Chicago, Ill. See In-
 side Back Cover.

King Quality Products, Inc.,
 Rano St., Buffalo, N. Y.

Mohawk Corp. of Illinois,
 2222 Diversey Parkway,
 Chicago, Ill. "No-Kum-
 Apart"

Morris, Walter C., 168 Rossi-
 ter Ave., Yonkers, N. Y.

Morse Co., Frank W., 289
 Congress St., Boston, Mass.

Mucher, John J., 109
 Lafayette St., New York,
 N. Y.

No-Kum-Apart—see Mohawk
 Corp. of Illinois

Philmore Mfg. Co., 105
 Chambers St., New York,
 N. Y. "Ajax"

**POSTS, Initialed
Binding—***see Posts, Lettered Binding***POSTS, Insulated
Binding—***see Posts, Composition
Binding***POSTS, Jack Binding**

Globe Phone Mfg. Co., Read-
 ing, Mass.

POSTS, Lettered Binding

- Ajax**—see Philmore Mfg. Co.
 Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
 Amsco Products, Inc., 416 Broome St., New York, N. Y.
 Big Three Radio Corp., 16 Hudson St., New York N. Y. "Kantluse"
 Bisby Mfg. Co., 54 Warren St., New York, N. Y.
 DeJur Products Co., Lafayette and Broome Sts., New York, N. Y. See advertisement, page 50.
 Dixie Supply Co., 91 Seventh Ave., New York, N. Y.
 Eby Mfg. Co., H. H., 4710 Stenton Ave., Philadelphia, Pa. "Ensign." See advertisement, page 144.
 Ensign—see Eby Mfg. Co.
 Hipco—see Hipwell Mfg. Co.
 Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa. "Hipco"
 Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
 Kantluse—see Big Three Radio Corp.
 Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
 Morse Co., Frank W., 289 Congress St., Boston, Mass.
 Mucher, John J., 109 Lafayette St., New York, N. Y.
 Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
 Radio Sales Co., 249 W. 34th St., New York, N. Y. "Rit-One"
 Rit-One—see Radio Sales Co.
 Walnut Electric Mfg. Co., 308 Green St., Chicago, Ill.
 Waterbury Button Co., Waterbury, Conn.
- POSTS, Metal Binding**
 Adams Radio Mfg. Co., 1044 W. Van Buren St., Chicago, Ill.
 Aerovox Wireless Corp., 489-93 Broome St., New York, N. Y. See advertisement, page 43.
 A. & F. Electrical Mfg. Co., 2256 N. Keeler Ave., Chicago, Ill.
 Ajax—see Philmore Mfg. Co.
 Aurora Electric Co., 14 Dunham Pl., Brooklyn, N. Y.
 Barnes Co., Wallace, Bristol, Conn.
 Bisby Mfg. Co., 54 Warren St., New York, N. Y.

- Blake & Johnson Co., Waterbury, Conn. See advertisement, page 119.
 Chapman Machine Co., Terryville, Conn.
 De Jur Products Co., Lafayette and Broome Sts., New York, N. Y. See advertisement, page 50.
 Doran & Sons, James C., 150 Chestnut St., Providence, R. I.
 Eby Mfg. Co., H. H., 4710 Stenton Ave., Philadelphia, Pa. See advertisement, page 144.
 Falinestock Electric Co., Long Island City, N. Y. See advertisement, page 38.
 Federal Telephone Mfg. Corp., Buffalo, N. Y.
 General Radio Co., Cambridge, Mass. See advertisement, page 47.
 Grammes & Sons, L. F., 310 Union St., Allentown, Pa. See advertisements, pages 97 and 159.
 Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
 H & H—see Hart & Hegeman Mfg. Co.
 Hipco—see Hipwell Mfg. Co.
 Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa. "Hipco"
 Holmes Electric Mfg. Co., 1810 Leland Ave., Chicago, Ill.
 Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
 King Quality Products, Inc., Rano St., Buffalo, N. Y.
 Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
 Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio "Muzada"
 Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill. "No-Kum-Apart"
 Morris, Walter C., 168 Ros-siter Ave., Yonkers, N. Y.
 Morse Co., Frank W., 289 Congress St., Boston, Mass.
 Muzada—see Mazda Radio Mfg. Co.
 No-Kum-Apart—see Mohawk Corp. of Illinois
 Parkin Mfg. Co., Grand Ave., San Rafael, Cal.
 Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
 Radio Sales Co., 249 W. 34th St., New York, N. Y. "Rit-One"
 Rit-One—see Radio Sales Co.
 Scovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.
 Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.

- United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio
 Waterbury Mfg. Co., 236 Grant St., Waterbury, Conn.

POSTS, Multiple Connection Binding

- Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
 Eby Mfg. Co., H. H., 4710 Stenton Ave., Philadelphia, Pa. "Tip Top." See advertisement, page 144.
 Morris, Walter C., 168 Ros-siter Ave., Yonkers, N. Y.
 Tip Top—see Eby Mfg. Co.

POSTS, Rubber Binding—

- see **Posts, Composition Binding**

POSTS, Strip Binding—

- see **Strips, Binding Post**

POTENTIOMETER WINDINGS—

- see **Windings, Potentiometer**

POTENTIOMETERS, Battery

- A-C Electrical Mfg. Co., Dayton, Ohio
 Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.
 Aerovox Wireless Corp., 489-93 Broome St., New York, N. Y. See advertisement, page 43.
 Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio. "Green Seal"
 Ajax—see Philmore Mfg. Co.
 Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
 Algonquin Electric Co., Poughkeepsie, N. Y. "Algo"
 Algo—see Algonquin Electric Co.
 Allen-Bradley Co., 286 Greenfield Ave., Milwaukee, Wis. "Bradleyometer"
 American Specialty Co., 168 Holland Ave., Bridgeport, Conn. "Kelford"
 Amsco Products, Inc., 416 Broome St., New York, N. Y.

POTENTIOMETERS, Battery Continued

- Aristocrat—see Kurz-Kasch Co.
- Atwater Kent Mfg. Co., 4700 Wissahickon Ave., Philadelphia, Pa.
- Bestone—see Hyman & Co.
- Bisby Mfg. Co., 54 Warren St., New York, N. Y.
- Bradleyometer — see Allen-Bradley Co.
- ✓Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "B. T." See advertisements, pages 49, 127, 133 and 171.
- B. T.—see Bremer - Tully Mfg. Co.
- Carter Radio Co., 300 S. Racine Ave., Chicago, Ill.
- Central Radio Laboratories, 14 Keefe Ave., Milwaukee, Wis. "Centralab"
- Centralab — see Central Radio Laboratories.
- C-H — see Cutler-Hammer Mfg. Co.
- Cico — see Consolidated Instrument Co. of America.
- Consolidated Instrument Co. of America, 41 E. 42d St., New York, N. Y. "Cico"
- Cutler-Hammer Mfg. Co., Milwaukee, Wis. "C-H"
- Day-Fan—see Dayton Fan & Motor Co.
- Dayton Fan & Motor Co., Dayton, Ohio. "Day-Fan"
- De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.
- ✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
- Dymac—see Electrical Products Mfg. Co.
- Elsemann Magneto Corp., 165 Broadway, New York, N. Y.
- Electrad, Inc., 428 Broadway, New York, N. Y.
- Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"
- Erla — see Electrical Research Laboratories.
- E-Z Ometer — see Polymet Mfg. Corp.
- Federal Telephone Mfg. Corp., Buffalo, N. Y.
- Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio
- Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"
- Freed-Elsemann Radio Corp., Manhattan Bridge Plaza, Brooklyn, N. Y.
- Frost, Herbert H., 314 W. Superior St., Chicago, Ill.
- General Instrument Corp., 423 Broome St., New York, N. Y.
- ✓General Radio Co., Cambridge, Mass. See advertisement, page 47.
- Giffillan Bros., 1815 W. 16th St., Los Angeles, Cal.
- Green Seal — see Air-Way Electric Appliance Corp.
- Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
- H & H—see Hart & Hegeman Mfg. Co.
- Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
- Howard Radio Co., 469 E. Ohio St., Chicago, Ill.
- Ilyman & Co., Henry, 220 W. 14th St., New York, N. Y. "Bestone"
- Jones Radio Mfg. Co., Jos. W. 40 W. 25th St., New York, N. Y.
- K. B. Mfg. Co., 222 Eighth St., San Francisco, Cal.
- Kelford—see American Specialty Co.
- Keystone Radio Co., College Ave. & Craig St., Greenville, Pa.
- King Quality Products, Inc., Rano St., Buffalo, N. Y.
- Klosner Radio Corp., 1022 E. 178th St., New York, N. Y.
- Kurz-Kasch Co., South Broadway & Morris Ave., Dayton, Ohio. "Aristocrat"
- Liberty Screw Products Co., 383 Shrewsbury St., Worcester, Mass.
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
- Mar-Co. — see Martin-Copeland Co.
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio "Muzada"
- Mohawk Corp., of Illinois, 2222 Diversey Parkway, Chicago, Ill.
- Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. "M. R. L."
- M. R. L. — see Montrose Radio Laboratories
- Music Master Corp., 123 N. Tenth St., Philadelphia, Pa.
- Muzada — see Mazda Radio Mfg. Co.
- Pacent Electric Co., 91 Seventh Ave., New York, N. Y.
- Parker-Aeolus Corp., 161 Grand St., New York, N. Y.
- Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
- Pilot Electric Mfg. Co., 323 Berry St., Brooklyn, N. Y.
- Polymet Mfg. Corp., 599 Broadway, New York, N. Y. "E-Z Ometer"
- Precise Specialty Mfg. Co., 878 E. 167th St., New York, N. Y.
- Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill.
- Radio Television Co., 9410 St. Catherine Ave., Cleveland, Ohio
- Reliance Die & Stamping Co., 501 N. LaSalle St., Chicago, Ill.
- Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.
- Sheffield Trimming & Stamping Corp., 211 Centre St., New York, N. Y. "Stasco"
- Splittorf Electrical Co., 392 High St., Newark, N. J.
- Stasco — see Sheffield Trimming & Stamping Corp.
- Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio
- Sumter Radio Mfg. Co., Telephone St., Sumter, S. C.
- ✓Teleradio Engineering Corp., 490 Broome St., New York, N. Y. Cataloged on page 152.
- Terrace Radio Mfg. Corp., 26 Dock St., Yonkers, N. Y.
- Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.
- United Scientific Laboratories, Inc., 80 Fourth Ave., New York, N. Y.
- Unity Mfg. Co., 224 N. Halsted St., Chicago, Ill.
- Un-X-Ld—see Forman & Co.
- Victoreen—see Walker Co.
- Walker Co., George W., 6524 Carnegie Ave., Cleveland, Ohio "Victoreen"
- Wilcox Laboratories, 323½ E. Michigan Ave., Lansing, Mich.
- Wireless Shop, 150 Glendale Blvd., Los Angeles, Cal.
- Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ill.

POWER AMPLIFIERS—

see Amplifiers, Power

POWER TRANSFORMERS—

see Transformers, Power

POWER UNITS—

see Rectifiers, Filament Current Supply

also Rectifiers, Filament and Plate Current Supply

also Rectifiers, Plate Current Supply

PRACTICE BUZZERS—

see Buzzers, High Frequency

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

PRACTISERS, Code—

see Transmitters, Automatic Code

PRESSES, Insulation Molding—

see Machines, Plastic

PRICK PUNCHES—

see Punches, Center and Prick

PROTECTIVE SIGNALS—

see Signals, Short Circuit

PROTECTORS, Set—

see Arresters, Lightning Indoor

PROTECTORS, Tube—

see Fuses, Tube

PULL SWITCHES—

see Switches, Push-Pull

PUNCHES, Center and Prick

Braunsdorf-Mueller Co., 205 Madison St., Elizabeth, N. J.

Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric."

Brown & Sharpe Mfg. Co., Promenade St., Providence, R. I.

Buck Bros., Riverln St., Millbury, Mass.

Buffum Tool Co., Louisiana, Mo.

Cronk & Carrier Mfg. Co., Montour Falls, N. Y.

Deuse, J. S., Chester, Conn. Easy Hold — see Millers Falls Co.

Goodell-Pratt Co. Wells St., Greenfield, Mass.

Krauter & Co., 583 18th Ave., Newark, N. Y.

Millers Falls Co., Millers Falls, Mass. "O. K." "Easy Hold"

O. K.—see Millers Falls Co.

Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"

Pexto—see Peck, Stow & Wilcox Co.

Radio-Lectric — see Bridgeport Hardware Mfg. Corp. SharpenEzy—see Smith & Co. Smith & Co., H. D., Plantsville, Conn. "SharpenEzy" Starrett Co., L. S., 165 Crescent St., Athol, Mass.

Syracuse Twist Drill Co., 936 Grape St., Syracuse, N. Y. Union Tool Co., 48 E. River St., Orange, Mass.

PUNCHINGS, Fibre—

see Stampings, Fibre

PUSH-PULL SWITCHES—

see Switches, Push-Pull

PUSH-PULL TRANSFORMERS—

see Transformers, Push Pull

PYRITE CRYSTALS—

see Crystals

QUARTZ INSULATION, Synthetic—

see Insulation, Synthetic Quartz

RADIO CABINETS—

see Cabinets, Fabric also Cabinets, Glass also Cabinets, Knockdown also Cabinets, Wood

RADIO DESKS—

see Tables, Radio

RADIO FREQUENCY AMPLIFIERS—

see Amplifiers, Radio

RADIO FREQUENCY CHOKE COILS—

see Coils, Radio Frequency Choke

RADIO FREQUENCY TRANSFORMERS—

see Transformers, Radio Frequency

RADIO TRANSFORMERS, TUNED—

see Transformers, Tuned Radio Frequency

RADIO TABLES—

see Tables, Radio

RASPS—

see Files and Rasps

REACTIVATORS, Tube

Acme—see Mack Laboratories.

Aetna Machine & Mfg. Co., 426 S. Clinton St., Chicago, Ill.

✓Burton-Rogers Co., 26 Brighton Ave., Boston, Mass. See advertisement, page 11.

Grand Ave. Radio Co., 2218½ S. Grand Ave., Los Angeles, Cal.

Hemco—see Richards & Co. Holmes Electrical Mfg. Co., 1810 Leland Ave., Chicago, Ill.

✓International Resistance Co., 16th & Chestnut Sts., Philadelphia, Pa. See advertisement, page 115.

Jefferson Electric Mfg. Co., 501 S. Green St., Chicago, Ill.

Kierulff & Ravenscroft, 1630 S. Los Angeles St., Los Angeles, Cal.

Mack Laboratories, 724 Cass St., Chicago, Ill. "Acme"

Maxwell Radio Co., 39 Washington St., Steubenville, Ohio

Mohawk Electric Mfg. Co., 60 Howard St., Irvington, N. J.

O'Connor & Co. A., 9704 Euclid Ave., Cleveland, Ohio

Radio Television Co., 9410 St. Catherine Ave., Cleveland, Ohio

Remo Corp., Meriden, Conn.

Rhamstine, J. Thos., 508 E. Woodbridge St., Detroit, Mich.

Richards & Co., George, 557 Monroe St., Chicago, Ill. "Hemco"

Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio

Thomas, Haydn A., 4034 Lexington St., Chicago, Ill.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

REACTORS, Filter

✓Radio Corp. of America, New York, N. Y. See advertisements, pages 131, 135, Inside Front Cover and Opposite Inside Back Cover.

REACTORS, Plate

✓Radio Corp. of America, New York, N. Y. See advertisements, pages 131, 135, Inside Front Cover and Opposite Inside Back Cover

Radio Television Co., 9410 St. Catherine Ave., Cleveland, Ohio

REAMERS, Bushing—

see Reamers, Dial

REAMERS, Dial

✓Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.

REAMERS, Taper

Morse Twist Drill & Machine Co., 163 Pleasant St., New Bedford, Mass.

✓Stevens & Co., 375 Broadway, New York, N. Y. "Utility." Cataloged on page 198.

Utility—see Stevens & Co.

REBUILT TUBES—

see Tubes, Vacuum, Repairers of

RECEIVER CORDS—

see Cords, Telephone

RECEIVERS, Loud Speaking—

see Horns
also Speakers, Loud
also Units, Loud Speaker

RECEPTACLES, Jack—

see Jacks, Wall Receptacle

RECEPTACLES, Vacuum Tube—

see Sockets, Vacuum Tube

RECTIFIER TUBES—

see Tubes, Rectifier

RECTIFIERS, Bulb

Acme Electric & Mfg. Co., 1441 Hamilton Ave., Cleveland, Ohio. "Directo"

Acton—see Altown Corp.

Altown Corp., Ellicott Sq., Buffalo, N. Y. "Acton"

Argon—see Holmes Electrical Mfg. Co.

Auto Mechanical Products Co., 648 N. Robey St., Chicago, Ill. "Autogon"

Autogon—see Auto Mechanical Products Co.

✓Burton-Rogers Co., 26 Brighton Ave., Boston, Mass. See advertisement, page 11.

Chargall—see Gold Seal Electric Co.

Consolidated Equipment Corp., 160 Grand St., New York, N. Y. (Sole Distributors for Heyer Products Co., Newark, N. J.) "Everymans"

Crescent—see Kodol Radio Corp.

Debco—see Detroit Battery Charger Co.

Debco, Jr.—see Detroit Battery Charger Co.

Detroit Battery Charger Co., (Division of Premier Mfg. Co.), 3683 Willis Ave., E., Detroit, Mich. "Debco" "Debco, Jr."

Directo—see Acme Electric & Mfg. Co.

Dynamik—see Wilson Electrical Laboratories

Eagle Charger Corp., 121 N. Eighth St., Philadelphia, Pa. "Leader" "Pioneer"

Electron, Jr.—see King Electric Mfg. Co.

Everymans—see Consolidated Equipment Corp.

Farad Corp., 239 Centre St., New York, N. Y.

Forest Electric Co., 252 New St., Newark, N. J. "Unitron"

✓General Electric Co., (Merchandise Division) Bridgeport, Conn. "Tungar" See advertisement, page 109.

Globe Electric Co., 658 Stinson Blvd., Milwaukee, Wis.

Gold Seal Electric Co., 2110 Woodland Ave., Cleveland, Ohio "Chargall"

Heyer Products Co.—see Consolidated Equipment Corp.

Holmes Electrical Mfg. Co., 1810 Leland Ave., Chicago, Ill. "Argon"

Interstate Electric Co., 4339 Duncan Ave., St. Louis, Mo. "Ultra"

Kalb Electric & Mfg. Co., 7323 Manchester Ave., St. Louis, Mo.

King Electric Mfg. Co., 1681 Fillmore Ave., Buffalo, N. Y. "Electron, Jr."

Kodol Radio Corp., 507 E. Pearl St., Cincinnati, Ohio "Crescent"

Leader—see Eagle Charger Corp.

Pioneer—see Eagle Charger Corp.

Service Battery Co., 704 E. 102d St., Cleveland, Ohio

Silver Beauty—see Triple-A Specialty Co.

Spartan—see Spartana, A. R. Spartana, A. R., 806 N. Gay St., Baltimore, Md. "Spartan"

Standard Transformer Co., Dana Ave., Warren, Ohio

Triple-A Specialty Co., 628 W. Jackson Blvd., Chicago, Ill. "Silver Beauty"

Tungar—see General Electric Co.

Ultra—see Interstate Electric Co.

Unitron—see Forest Electric Co.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

Wilson Electrical Laboratories, 1416 Morse Ave., Chicago, Ill. "Dynamik"

Wolke Electric Co., 618 S. First St., Louisville, Ky.

RECTIFIERS, Chemical—

see Rectifiers, Electrolytic

RECTIFIERS, Electrolytic or Chemical

American Battery Co., 2053 N. Racine Ave., Chicago, Ill. "Big American"

Anderson—see Shermac Radio Sales Co.

Auto Mechanical Products Co., 648 N. Robey St., Chicago, Ill. "Autogon"

Autogon—see Auto Mechanical Products Co.

Balkite—see Fansteel Products Co.

Big American—see American Battery Co.

Cole Battery Sales Corp., 2435 Indiana Ave., Chicago, Ill.

D. A. Radio Co., 30 Hollister St., Buffalo, N. Y.

Durkee-Thomas Products Co., 1228 Folsom St., San Francisco, Cal. "Duthold" "Duotron"

Duotron—see Durkee-Thomas Products Co.

Duthold—see Durkee-Thomas Products Co.

APCO

Radio Equipment

APCO Radio products are nationally advertised and made by an established Company whose successful record as an automotive accessory manufacturer guarantees their workmanship. Stock APCO and you'll sell APCO.

"A" Battery
Charger No. 77



Handsome nickel case. Charges in six hours at few cents' cost. Complete with clips, plug, wire, etc. List, \$18.50.

Rectodyne No. 66



Gives "B" Battery current from the lamp socket. A complete unit in handsome mahogany case. List, \$44.00. D. C. Type, \$32.50.

"B" Battery
Charger No. 89



A self-polarizing, positive mechanical charger using light bulb resistance. To meet demand for a low priced "B" Battery Charger. Charges 100 volts in 8 to 10 hours. List, \$4.00.

"B" Eliminator



For those who prefer to build their own "B" Battery Eliminators. Contains parts used in APCO Rectodyne. List, \$30.00.

Radio Switch,
No. 55



Of the toggle arm type, positive in action, neat in appearance. Brass heavily nicked and polished. List, \$3.55.

APCO Simplex
Dial No. 73



Appeals instantly to owners who wish to improve efficiency and appearance of their sets at minimum cost. Made in one piece without gears or other parts, but extension gives vernier effect without lost motion. Four inches in diameter, and finished in black and gold. Packed in individual cartons. List \$1.00.

"A" Battery
Charger No. 79



A modification of No. 77, with a reduced capacity output of two amperes. Instead of five—but of genuine APCO quality. List \$12.50.

APCO DeLuxe
Dial No. 71



The finest vernier dial on the market regardless of cost. Fits tight against panel, eliminating dusty appearance you get with some dials. Four inches in diameter. Finished in silver gray, and geared ten to one. Packed in individual cartons. List \$1.50.

Battery Clip,
No. 67



Overcomes effect of sulphation of the battery terminals, making a permanent contact. Will fit any battery post and built for many years' service. List, \$1.10.

Send for complete catalog.

APCO MANUFACTURING CO.

Radio Division

Providence, Rhode Island

RECTIFIERS, Electrolytic or Chemical Continued

Eaco—see Economic Appliance Co.

Economic Appliance Co., Irwin, Pa. "Eaco."

Elkon Works, 515 Gregory Ave., Weehawken, N. J.

Fansteel Products Co., North Chicago, Ill. "Balkite"

Farad Corp., 239 Centre St., New York, N. Y.

General Lead Batteries Co., 4 Lister Ave., Newark, N. J. "Titan"

Gould Storage Battery Co., 250 Park Ave., New York, N. Y.

Hawley—see Smith, B. H.

✓Joyce Bros., 71 Chestnut St., Boston, Mass. See advertisement, page 19.

Kic-o—see Kimley Electric Co.

Kimley Electric Co., 2665 Main St., Buffalo, N. Y. "Kic-o"

Philadelphia Storage Battery Co., Ontario & C Sts., Philadelphia, Pa. "Philco"

Philco—see Philadelphia Storage Battery Co.

Rabat—see Radio Rabat Co.

Radio Rabat Co., 1758 St. Clair Ave., Cleveland, Ohio "Rabat"

✓Shermac Radio Sales Co., 1931 Broadway, New York, N. Y. (Sole Distributors for T. T. Radio Co., New York, N. Y.) "Anderson" See advertisement, page 111.

✓Smith, B. H., 39 Washington Ave., Danbury, Conn. "Hawley." See advertisement, page 22.

Stewart Storage Battery Co., 125 N. Peoria St., Chicago, Ill.

Storad Mfg. Co., 2108 Superior Viaduct, N. W., Cleveland, Ohio

Thor—see Thornton & Everest

Thornton & Everest, 1216 S. Olive St., Los Angeles, Cal. "Thor"

Titan—see General Lead Batteries Co.

T. T. Radio Co.—see Shermac Radio Sales Co.

Vesta Battery Corp., 2100 Indiana Ave., Chicago, Ill.

Western Battery & Supply Co., 12th & Lincoln Sts., Denver, Colo. "Westric"

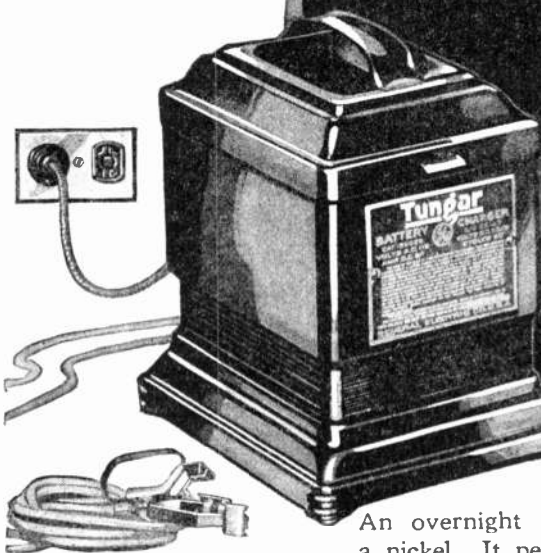
Western Cable & Light Co., Baldwin, Wis.

Westric—see Western Battery & Supply Co.

Willard Storage Battery Co., 246 E. 131th St., Cleveland, Ohio

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**A Tungar keeps
your radio
batteries
always
peppy~**



An overnight charge with a Tungar costs about a nickel. It peps up both "A" and "B" batteries and keeps your radio set at its full-toned best.

Tungar — the original bulb charger — is noiseless. It contains no substance which will spoil furnishings. Just clip it to your set and plug it into the house current. It can't blow out Radiotrons if the battery is left hooked to the set while charging.

Use a Tungar—the charger that needs no attention.



The Tungar is a G-E product, developed in the Research Laboratories of General Electric.

The new Tungar charges any make and size of storage battery; radio "A" and auto batteries, and "B" batteries as high as 96 volts in series.

East of Rockies

Two ampere size \$18.00

Five ampere size \$28.00

60 cycles . . . 110 volts

Tungar
REG. U.S. PAT. OFF.
BATTERY CHARGER

Tungar—a registered trademark—is found only on the genuine. Look for it on the name plate.

Merchandise Division
General Electric Company, Bridgeport, Conn.

GENERAL ELECTRIC

RECTIFIERS, Filament Current Supply

For use in place of A Batteries on receiving sets and taking current from house lighting circuits.

- ✓Apco Mfg. Co., (Radio Division) Providence, R. I. See advertisement, page 108.
- Corona—see Perfect Coil Co.
- Duschnes, Gustave S., 76 W. 47th St., New York, N. Y.
- Electrodyne—see Super-Cell Mfg. Co.
- Hayes Products Co., 1301 Fulton St., Grand Haven, Mich.
- ✓Joyce Bros., 71 Chestnut St., Boston, Mass. See advertisement, page 19.
- Lasco—see Los Angeles Sales Co.
- Los Angeles Sales Co., 1211 W. Sixth St., Los Angeles, Cal. "Lasco"
- Perfect Coil Co., 2208 S. San Pedro St., Los Angeles, Cal. "Corona"
- Philadelphia Storage Battery Co., Ontario & C Sts., Philadelphia, Pa. "Philco"
- Philco — see Philadelphia Storage Battery Co.
- San Pedro Radio Laboratory, 1139 Santa Cruz St., San Pedro, Cal. "Saperal"
- Saperal — see San Pedro Radio Laboratory
- Super-Cell Mfg. Co., Akron, Ohio. "Electrodyne"
- Thomas Battery Corp., 511 W. 50th St., New York, N. Y.

RECTIFIERS, Filament and Plate Current Supply

For use in place of both A and B Batteries on receiving sets and taking current from house lighting circuits

- Cooper Corp., Cincinnati, Ohio
- Duschnes, Gustave S., 76 W. 47th St., New York, N. Y.
- General Instrument Corp., 423 Greene St., New York, N. Y.
- Grigsby-Grunow-Hinds Co., 4540 Armitage Ave., Chicago, Ill. "Majestic"
- Lester's Radio Shoppe, 140 S. Spring St., Los Angeles, Cal.
- Majestic — see Grigsby-Grunow-Hinds Co.
- Mu-Rad Radio Corp., 800 Fifth Ave., Asbury Park, N. J. "Recto-Filter"

Philadelphia Storage Battery Co., Ontario & C Sts., Philadelphia, Pa. "Philco"

Philco — see Philadelphia Storage Battery Co.

Powerdyne—see W. B. Mfg. Co.

Rader Appliance Co., 4912 Hudson Blvd., West New York, N. J. "Run-A-Radio"

Radiogem Corp., 66 West Broadway, New York, N. Y.

Recto-Filter—see Mu-Rad Radio Corp.

Run-A-Radio—see Rader Appliance Co.

Schaeffer Mfg. Co., 226 E. 41st St., Portland, Ore.

U-Flex Mfg. Co., 1 S. 39th St., (West Phila.) Philadelphia, Pa.

Unirad Battery Corp., 250 W. 54th St., New York, N. Y.

W. B. Mfg. Co., 509 W. 56th St., New York, N. Y. "Powerdyne"

RECTIFIERS, Knockdown Plate Current Supply

- ✓All-American Radio Corp., 4201 Belmont Ave., Chicago, Ill. See advertisement, page 161.
- ✓Apco Mfg. Co., Virginia Ave., Providence, R. I. See advertisement, page 108.
- Jacobs, C. E., 2802 N. Kedzie Ave., Chicago, Ill. "Molliformer"
- Mayollan Radio Corp., 1991 Broadway, New York, N. Y.
- Molliformer — see Jacobs, C. E.
- Radio Television Co., 9410 St. Catherine Ave., Cleveland, Ohio
- Timmons Radio Products Corp., 339 E. Tulpehocken St., (Germantown), Philadelphia, Pa.

RECTIFIERS, Mechanical—

see Rectifiers, Vibrator

RECTIFIERS, Motor Generator

- Benwood-Linze Co., 1129 Olive St., St. Louis, Mo.
- Hobart Bros. Co., Canal Locks Sq., Troy Ohio
- Price-Rochester Corp., 640 Driving Park Ave., Rochester, N. Y.
- ✓Radio Corp. of America, New York, N. Y. See advertisements, pages 131, 135, inside Front Cover and Opposite Inside Back Cover.

RECTIFIERS, Plate Current Supply

For use in place of B Batteries on receiving sets and taking current from house lighting circuits.

- Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.
- Acme Electric & Mfg. Co., 1441 Hamilton Ave., Cleveland, Ohio
- Aero B—see Martin Co.
- Alpine Battery Co., 182 Grand St., New York, N. Y.
- Amaco—see American Apparatus Co.
- American Apparatus Co., 30 N. 19th St., Richmond, Ind. "Amaco"
- American Bosch Magneto Corp., Springfield, Mass. "Nobattery"
- Anderson—see Shermac Radio Sales Co.
- ✓Apco Mfg. Co., (Radio Division), Providence, R. I. "Rectodyne" See advertisement, page 108.
- Baker-Smith Co., New Call Bldg., San Francisco, Cal. "Sylfan"
- Balkite—see Fansteel Products Co.
- Bosch Radio Corp., 1674 Broadway, New York.
- Coast Dry Battery Co., Seattle, Wash.
- Cooper Corp., Cincinnati, Ohio
- Davy Electrical Corp., 505 Court St., Brooklyn, N. Y.
- ✓De Witt-La France Co., Cambridge, Mass. See advertisement, page 85.
- Dis-Ton—see Radio Products, Inc.
- ✓Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York, N. Y. "Super-Ducon" See advertisement, page 12.
- Electrodyne—see Super-Cell Mfg. Co.
- Epom Corp., 114 E. 47th St., New York, N. Y.
- Eureka Specialty Co., 1647 Third Ave., New York, N. Y.
- Evernu Eliminator Co., 8 E. 113th St., New York, N. Y.
- Fansteel Products Co., North Chicago, Ill. "Balkite"
- Farad Corp., 239 Centre St., New York, N. Y.
- Ferbend Electric Co., 429 W. Superior St., Chicago, Ill. "Maxmin"
- Ford Radio & Mica Corp., 111 Bleecker St., New York, N. Y.
- Fordec — see Foreign & Domestic Commodities, Inc.
- Fore Electrical Mfg. Co., 5255 N. Market St., St. Louis, Mo.
- Foreign & Domestic Commodities, Inc., 121 N. Eighth St., Philadelphia, Pa. "Fordec"
- Gardner Electric Mfg. Co., 4427 Hollis St., Emeryville, Cal.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

Anderson "B" Unit



Replaces B Batteries on any set 1 to 10 tubes. Operates from A.C. or D.C. Full wave rectifier—absolutely no hum. List \$21.50. Guaranteed equal or superior to any eliminator at any price.

Specifications

CASE—All metal. Crystalline black. WEIGHT—Ten pounds. DIMENSIONS—1x9x5 1/2 high. RECTIFIER—Full wave. Electrolytic. CURRENT—5 watts. 110 v. A.C. or D.C. PLATE—Eight foot cord with plug. CURRENT—Amplifier 90 v., 60 milli amp. Detector var. 10 to 90 v. CORD

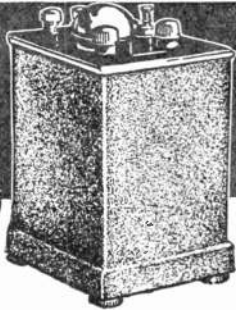
D C Model Eliminator

The most efficient small size eliminator on market. List, \$15.00.

Also inquire about new Trickle Charger now in production.

Mfg. by T. T. Radio Co., New York

Shermac Radio Sales Co., 1931 B'way, New York, Sole Distributors



A perfected "B" Battery Eliminator that works on any set.

No hum, no distortion and needs to be adjusted to the set but once.

Fully guaranteed to work on your set.

THE
GLENN L. MARTIN
COMPANY
Radio Division
CLEVELAND



RADIO PEP B-BATTERY ELIMINATOR

Stops ALL the hum by using EIGHT perfected electrolytic cells and NO TUBES.

Plugged into the standard A.C. house lighting circuit RADIO PEP gives a silent, strong, dependable plate current that improves the performance of your set, due to the effect of its huge condensers.

No more batteries to buy!

135 VOLTS are called for by the modern sets and tubes. RADIO PEP delivers 135 volts year after year without weakening.

Money-back guarantee. Price \$38.00.

PEP MFG. CO., Inc.,

33 West 42nd Street, New York

Manufacturers

are earnestly requested to notify us at once of any new products so that they may be correctly listed in

The Radio Trade Directory

—without charge, of course.

THE RADIO TRADE DIRECTORY

Tenth Avenue at 36th Street, New York City

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

RECTIFIERS, Plate Current Supply Continued

- Halcyon Insulator Co., 168 Front St., New York, N. Y.
Hayes Products Co., 1301 Fulton St., Grand Haven, Mich.
✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. "Trans-B-former." See Inside Back Cover.
Konstant Mfg. Co., 3 W. 29th St., New York, N. Y.
Lane Mfg. Co., 2941 W. Lake St., Chicago, Ill.
Lester's Radio Shoppe, 140 S. Spring St., Los Angeles, Cal.
L & M Supply Co., 285 Huntington Ave., Boston, Mass.
✓Mack Co., 1940 W. Delaney St., Philadelphia, Pa. See advertisement, page 8.
MacFadden & Co., 2202 Arch St., Philadelphia, Pa.
Magnobee—see Magnus Electric & Radio Mfg. Corp.
Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y. "Magnobee"
✓Martin Co., Glenn L., (Radio Division), Cleveland, Ohio "Aero B." See advertisement, page 111.
Maxmin—see Ferbend Electric Co.
Mayolian Radio Corp., 1991 Broadway, New York, N.Y.
Mohawk Electric Mfg. Co., 60 Howard St., Irvington, N. J.
Morrison, Clarence C., 2 Stone St., New York, N. Y.
Mu-Rad Radio Corp., 800 Fifth Ave., Asbury Park, N. J.
N o b a t t r y — see American Bosch Magneto Corp.
Orthodyne Radio Mfg. Co., 24 Wooster St., New York, N. Y.
Paramount Radio Corp., 1482 Broadway, New York, N. Y.
✓Pep Mfg. Co., 33 W. 42d St., New York, N. Y. See advertisement, page 111.
Philadelphia Storage Battery Co., Ontario & C Sts., Philadelphia, Pa. "Philco"
Philco — see Philadelphia Storage Battery Co.
Powr-Bee—see Wolke Electric Co.
Powerdyne—see W. B. Mfg. Co.
Powr Pakt — see Schickering Products Corp.
Precision Electric Mfg. Corp., 712 E. Ninth St., Los Angeles, Cal.
✓Radio Corp. of America, New York, N. Y. See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.
Radio Receptor Co., 106 Seventh Ave., New York, N. Y. "Rectrad"
Radio Television Co., 9410 St. Catherine Ave., Cleveland, Ohio
Rectodyne — see Apco Mfg. Co.
Rectrad — see Radio Receptor Co.
Rectron—see Roentgen Mfg. Co.
Reflex Spark Plug Co., Cleveland, Ohio
Rhamstine, J. Thos., 508 E. Woodbridge St., Detroit, Mich.
Roentgen Mfg. Co., 209 Tehama St., San Francisco, Cal. "Rectron"
Russell Scientific Laboratories, Santa Ana, Cal.
San Pedro Radio Laboratory, 1139 Santa Cruz St. San Pedro, Cal. "Saperal"
Saperal—see San Pedro Radio Laboratory
Schickering Products Corp., 401 Mulberry St., Newark, N. J. "Powr Pakt"
✓Shermac Radio Sales Co., 1931 Broadway, New York, N. Y. (Sole Distributors for T. T. Radio Co., New York, N. Y.) "Anderson" See advertisement, page 111.
Super-Cell Mfg. Co., Akron, Ohio. "Electrodyne."
Super-Ducon — see Dubtler Condenser & Radio Corp.
Sylfan—see Baker-Smith Co.
Timmons Radio Products Corp., 339 E. Tulphoocken St. (Germantown) Philadelphia, Pa.
Trans-B-former — see Kellogg Switchboard & Supply Co.
T. T. Radio Co.—see Shermac Radio Sales Co.
U-Flex Mfg. Co., 1 S. 39th St., (West Phila.) Philadelphia, Pa.
United Radio & Mfg. Co., Gary, Ind.
Valley Electric Co., 3157 S. Kingshighway, St. Louis, Mo.
W. B. Mfg. Co., 509 W. 56th St., New York, N. Y. "Powerdyne"
Webco—see Webster Co.
Webster Co., 3504 W. Lake St., Chicago, Ill. "Webco"
Western Electric Novelty Co., Los Angeles, Cal.
Wolke Electric Co., 618 S. First St., Louisville, Ky. "Powr-Bee"

RECTIFIERS, Vibrator or Mechanical

Advance Electric Co., 1260 W. Second St., Los Angeles, Cal.

✓Apco Mfg. Co., (Radio Division), Providence, R. I. See advertisement, page 108.

F-F—see France Mfg. Co.
Fore Electrical Mfg. Co., 5255 N. Market St., St. Louis, Mo.

France Mfg. Co., 10,321 Berea Rd., Cleveland, Ohio "F-F"

Ful-Wave—see Liberty Electric Corp. of N. Y.

Gold Seal Homcharger — see Kodel Radio Corp.

Handy—see Interstate Electric Co.

Holmes Electrical Mfg. Co., 1810 Leland Ave., Chicago, Ill.

Interstate Electric Co., 4339 Duncan Ave., St. Louis, Mo. "Handy" "Simplex" "Ultra"

Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio "Gold Seal Homcharger" "Star"

Leich Electric Co., Genoa, Ill.

Liberty Electric Corp. of N. Y., 342 Madison Ave., New York, N. Y. "Ful-Wave"

Niles Mfg. Co., Ypsilanti, Mich.

Simplex—see Interstate Electric Co.

Star—see Kodel Radio Corp.

Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio

Ultra—see Interstate Electric Co.

Valley Electric Co., 3157 S. Kingshighway, St. Louis, Mo.

Vibrator Motor Co., Everett, Wash.

REDUCERS, Static

ABC — see Freeport Radio Corp.

Freeport Radio Corp., 11½ W. Stephenson St., Freeport, Ill. "ABC"

General Instrument Corp., 423 Broome St., New York, N. Y. "G-I"

G-I—see General Instrument Corp.

H. & F. Radio Laboratories, 168 Washington St., New York, N. Y.

Hill Radio Co., 100 Summer St., Boston, Mass.

Static Eliminator Co., 101 E. Third St., Cincinnati, Ohio

Tanlake Radio Laboratories, 96 Second Ave., New York, N. Y.

REJUVENATORS, Tube—

see Reactivators, Tube

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

RELAYS, Cut-in

Relay to automatically cut in and out the receiver when transmitting.

Leach Relay Co., 507 Mission St., San Francisco, Cal.

REPAIRED TUBES—

see Tubes, Vacuum, Repairers of

REPRODUCERS—

see Speakers, Loud

RESISTANCE ADAPTERS—

see Adapters, Resistance

RESISTANCE HOLDERS—

see Holders, Grid Leak

RESISTANCE LEAKS—

see Grid-Leaks

RESISTANCE MOUNTINGS—

see Holders, Grid Leak

RESISTANCE PAPER—

see Paper, Resistance

RESISTANCE WIRE—

see Wire, Resistance

RESISTANCES, Audio Transforming—

see Resistors, Audio Frequency

RESISTANCES, Fixed

✓Apco Mfg. Co., (Radio Division) Providence, R. I. See advertisement, page 108.

✓Crescent Radio Supply Co., 7 Liberty St., Jamaica, N. Y. "Lavite" Cataloged on page 115.

Durham—see International Resistance Co.

Eastern Coil Corp., 22 Warren St., New York, N. Y.

Elkay—see Langbein-Kaufman Radio Co.

✓International Resistance Co., Philadelphia, Pa. "Durham" See advertisement, page 115.

✓Langbein-Kaufman Radio Co., Dept. O, 511 Chapel St., New Haven, Conn. "Elkay". See advertisement, page 114.

Lavite—see Crescent Radio Supply Co.

Master Radio Instrument Co., 153 Wright St., Newark, N. J. "Masto"

Masto—see Master Radio Instrument Co.

Pacent Electric Co., 91 Seventh Ave., New York, N. Y.

Royalty—see Wireless Products Corp.

Star Fuse Co., 168 Centre St., New York, N. Y.

Veby Radio Co., 47 Morris Ave., Newark, N. J.

Wireless Products Corp., 362 Broadway, New York, N. Y. "Royalty"

RESISTANCES,**Rheostat Adapting**

Carter Radio Co., 300 S. Racine Ave., Chicago, Ill.

C-H—see Cutler-Hammer Mfg. Co.

Cutler-Hammer Mfg. Co., Milwaukee, Wis. "C-H"

Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill.

Unity Mfg. Co., 224 N. Halsted St., Chicago, Ill.

Yaxley Mfg. Co., 217 N. Desplains St., Chicago, Ill.

RESISTANCES,**Self Adjusting**

Equalizing Resistances in filament circuits to replace variable rheostats; see also Rheostats Battery.

Amperite—see Radiall Co.

Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.

Daven Radio Corp., 158 Summit St., Newark, N. J.

Elkay—see Langbein-Kaufman Radio Co.

✓Langbein-Kaufman Radio Co., Dept. O, 511 Chapel St., New Haven, Conn. "Elkay" See advertisement, page 114.

✓Radiall Co., Dept. RTD3, 50-52 Franklin St., New York, N. Y. "Amperite" See advertisements, pages 61 and 114.

RESISTORS, Audio Frequency

✓Aerovox Wireless Corp., 489-93 Broome St., New York, N. Y. "Resistofomers." See advertisement, page 43.

Allen-Bradley Co., 286 Greenfield Ave., Milwaukee, Wis. "Bradleyunit" "Bradleyohm"

✓Arbee Mfg. Co., 68 Springfield Ave., Newark, N. J. See advertisement, page 114.

Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J.

Bradleyohm—see Allen-Bradley Co.

Bradleyunit—see Allen-Bradley Co.

Cole Radio Mfg. Corp., 535 Bloomfield Ave., Bloomfield, N. J. "Meggit"

✓Crescent Radio Supply Co., 7 Liberty St., Jamaica, N. Y. Cataloged on page 115.

Daven Radio Corp., 158 Summit St., Newark, N. J.

Durham & Co., 1936 Market St., Philadelphia, Pa.

Haddaway, Inc., 1806 S. Hoover St., Los Angeles, Cal.

Heath Radio & Electric Mfg. Co., 207 First St., Newark, N. J. "Radiant Resistoformer"

Meggit—see Cole Radio Mfg. Corp.

Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill.

Poley—see Polymet Mfg. Corp.

Polymet Mfg. Corp., 599 Broadway, New York, N. Y. "Poley"

Radiant Resistoformer—see Heath Radio & Electric Mfg. Co.

Resist-O-Former—see Spartan Electric Corp.

Resistofomers—see Aerovox Wireless Corp.

Spartan Electric Corp., 99 Chambers St., New York, N. Y. "Resist-O-Former."

Veby Radio Co., 47 Morris Ave., Newark, N. J.

RESISTORS—

see Grid-Leaks

also Resistances, Fixed

also Resistors, Audio Frequency

RESONATORS, Reproducing—

see Horns

also Speakers, Loud

REVIVORS, Tube—

see Reactivators, Tube

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ELKAY Tube Equalizers
*enable you to use any combination
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The Elkay Equalizer is a 2-in. glass-enclosed pre-adjusted resistor that slips into a clip. It replaces the variable rheostat in any stage of any circuit except the R. F. stages, where it is best used in series with the regular rheostat.

Elkay Equalizers come in values to suit every tube made. And any tube + the correct Equalizer = 6 volts. Simply equip your set with Elkay clips and all you have to do to change from one kind of tube to another is to insert the corresponding Equalizer. These Equalizers can also be used for any ballasting need. List Price, 50c. each; with clip, 75c. Write for complete folder.

Manufacturers, equip your sets with ELKAY Tube Equalizer System. Ask us how.

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Used in Every Popular Construction Set



AMPERITE eliminates hand rheostats and simplifies set wiring. Used as standard equipment by numerous set manufacturers.

There is an AMPERITE for every type of tube.

Unconditionally Guaranteed

Write to Dept. RTD 3 for information that will mean continuous profit for you.

Gives perfect automatic tube control. List price \$1.10.

Manufactured by

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ADAPTING
RESISTANCES—**

see Resistances, Rheostat Adapting

RHEOSTAT DIALS—

see Dials

**RHEOSTAT
WINDINGS—**

see Windings, Potentiometer and Rheostat

RHEOSTAT WIRE—

see Wire, Resistance

RHEOSTATS, Battery

A-C Electrical Mfg. Co., Dayton, Ohio

Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.

Acrovox Wireless Corp., 489-93 Broome St., New York, N. Y. See advertisement, page 43.

Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio. "Green Seal"

Ajax—see Philmore Mfg. Co.

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Allen-Bradley Co., 286 Greenfield Ave., Milwaukee, Wis. "Bradleystat"

Amaco — see American Apparatus Co.

American Apparatus Co., 30 N. 19th St., Richmond, Ind. "Amaco"

American Mechanical Laboratories, 285 N. Sixth St., Brooklyn, N. Y. "Claro-stat"

American Specialty Co., 168 Holland Ave., Bridgeport, Conn. "Kelford"

Amsco Products, Inc., 416 Broome St., New York, N. Y.

Aristocrat—see Kurz-Kasch Co.

Beacon Radio Mfg. Co., 323 Berry St., Brooklyn, N. Y.

Bestone—see Hyman & Co.

Bisby Mfg. Co., 54 Warren St., New York, N. Y.

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Ask the manufacturer of quality sets—he knows.

500 ohms to 10 megohms.

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A Laboratory Product



CRESCENT LAVITE RESISTANCES

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NON-INDUCTIVE

Made under laboratory conditions for exacting Radio use. Endorsed by leading Radio Experts.

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Write for quantity prices. Special resistances to order.

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Satisfactory personal service.

Crescent Radio Supply Co.
Established 1905

7 Liberty St., Jamaica, N. Y.

RHEOSTATS, Battery Continued

Bradleystat—see Allen-Bradley Co.

Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.

Bruno Radio Corp., 221 Fulton St., New York, N. Y.

Carter Radio Co., 300 S. Racine Ave., Chicago, Ill.

Central Radio Laboratories, 14 Keefe Ave., Milwaukee, Wis. "Centralab"

Centralab — see Central Radio Laboratories

C-H — see Cutler-Hammer Mfg. Co.

Chelsea Radio Co., 150 Fifth St., Chelsea, Mass.

Chelton Electric Co., 4861 Stenton Ave., Philadelphia, Pa.

Cico—see Consolidated Instrument Co. of America.

Clarostat — see American Mechanical Laboratories.

Consolidated Instrument Co. of America, 41 E. 42d St., New York, N. Y. "Cico"

Cutler-Hammer Mfg. Co., Milwaukee, Wis. "C-H"

D. A. Radio Co., 30 Hollister St., Buffalo, N. Y. "Socostat."

Day-Fan—see Dayton Fan & Motor Co.

Dayton Fan & Motor Co., Dayton, Ohio. "Day-Fan".

D. & B. Radio Service, 419 Rlopelle St., Detroit, Mich.

De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.

✓De Jur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.

Doran & Sons, James C., 150 Chestnut St., Providence, R. I.

Duostat—see Premier Electric Co.

Dymac—see Electrical Products Mfg. Co.

Electrad, Inc., 428 Broadway, New York, N. Y.

Electrical Engineers Equipment Co. (Radio Division), 708 W. Madison St., Chicago, Ill.

Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"

English-Whitman Products, 250 W. 57th St., New York, N. Y. "En-Whit"

En-Whit—see English-Whitman Products.

Erla — see Electrical Research Laboratories

E-Z Stat—see Polymet Mfg. Corp.

Federal Telephone Mfg. Corp., Buffalo, N. Y.

F-F—see France Mfg. Co.

Fischer Spring Co., Chas., 240 Kent Ave., Brooklyn, N. Y.

Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio

Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"

France Mfg. Co., 10321 Berea Rd., Cleveland, Ohio. "F-F"

Freed-Elseman Radio Corp., Manhattan Bridge Plaza, Brooklyn, N. Y.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

General Instrument Corp., 423 Broome St., New York, N. Y.

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

Gillfillan Bros., 1815 W. 16th St., Los Angeles, Cal.

✓Goyer Co., Willimantic, Conn. "Windham." See advertisement, page 50.

Green Seal — see Air-Way Electric Appliance Co.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

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- Hartman Electrical Mfg. Co., 34 E. Fifth St., Mansfield, Ohio
- Haydon & Haydon, 73 Warren St., New York, N. Y. "Velvetuch"
- H. & H.—see Hart & Hegeman Mfg. Co.
- Hipco—see Hipwell Mfg. Co.
- Hipwell Mfg. Co., 825 North Ave., N. S. Pittsburgh, Pa. "Hipco"
- Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
- Howard Radio Co., 469 E. Ohio St., Chicago, Ill.
- Hyman & Co., Henry, 220 W. 14th St., New York, N. Y. "Bestone"
- Inter-State Radio Co., 98 Park Pl., New York, N. Y.
- Jones Radio Mfg. Co., Jos. W., 40 W. 25th St., New York
- K. B. Mfg. Co., 222 Eighth St., San Francisco, Cal.
- Kelford—see American Specialty Co.
- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Keystone Radio Co., College Ave. & Craig St., Greenville, Pa.
- King Quality Products, Inc., Rano St., Buffalo, N. Y.
- Klosner Radio Corp., 1022 E. 178th St., New York, N. Y.
- Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio "Quality"
- Kurz - Kasch Co., South Broadway & Morris Ave., Dayton, Ohio. "Aristocrat"
- Liberty Screw Products Co., 383 Shrewsbury St., Worcester, Mass.
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
- Mar-Co—see Martin-Copeland Co.
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio "Muzada"
- Metro Electric Mfg. Co., 123 Prince St., New York, N. Y.
- Microstat—see Premier Electric Co.
- Mohawk Corp., of Illinois, 2222 Diversey Parkway, Chicago, Ill.
- Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. "M. R. L."
- Morris, Walter C., 168 Rossiter Ave., Yonkers, N. Y.
- Morse Co., Frank W., 289 Congress St., Boston, Mass.
- M. R. L.—see Montrose Radio Laboratories
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.
- Muzada—see Mazda Radio Mfg. Co.
- National Electric Co., 165 Broadway, New York, N. Y.
- Paent Electric Co., 91 Seventh Ave., New York, N. Y.
- Parker-Aeolus Corp., 161 Grand St., New York, N. Y.
- Parkin Mfg. Co., Grand Ave., San Rafael, Cal.
- Paterson Radio Co., 213 Market St., Paterson, N. J.
- Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
- Pilot Electric Mfg. Co., 323 Berry St., Brooklyn, N. Y.
- Polymet Mfg. Corp., 599 Broadway, New York, N. Y. "E-Z Stat"
- Precise Specialty Mfg. Co., 878 E. 167th St., New York, N. Y.
- Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill. "Microstat" "Duo-stat"
- Quality—see Kodel Radio Corp.
- ✓Radio Corp. of America, New York, N. Y. See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.
- Radio Engineering Co., 16 Union Ave., New Rochelle, N. Y.
- Reco Radio Engineering Co., 16 Union Ave., New Rochelle, N. Y.
- Reichmann Co., 1725 W. 74th St., Chicago, Ill.
- Rellance Die & Stamping Co., 501 N. LaSalle St., Chicago, Ill.
- Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.
- Schiff Laboratories, 283 Glenwood Ave., Bloomfield, N. J.
- Seiss Mfg. Co., Phillips Ave. & N. Y. C. R.R., Toledo, Ohio
- Sheffield Trimming & Stamping Corp., 211 Centre St., New York, N. Y. "Stasco"
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.
- Socostat — see D. A. Radio Co.
- Splittorf-Bethlehem Electrical Co., 392 High St., Newark, N. J.
- Standard Radio Co., Hoboken, N. J.
- Stasco—see Sheffield Trimming & Stamping Corp.
- Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio
- Sumter Radio Mfg. Co., Telephone St., Sumter, S. C.
- ✓Teleradio Engineering Corp., 490 Broome St., New York, N. Y. Cataloged on page 152.
- Terrace Radio Mfg. Corp., 26 Dock St., Yonkers, N. Y.
- Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.
- United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio
- United Scientific Laboratories, Inc., 80 Fourth Ave., New York, N. Y.
- Unlty Mfg. Co., 224 N. Halstead St., Chicago, Ill.
- Un-X-Ld—see Forman & Co.
- Velvetuch — see Haydon & Haydon.
- Victoreen—see Walker Co.
- Walker Co., George W., 6524 Carnegie Ave., Cleveland, Ohio "Victoreen"
- White Beauty Electric Co., 4416 N. Western Ave., Chicago, Ill.
- Wilcox Laboratories 323½ E. Michigan Ave., Lansing, Mich.
- Windham—see Goyer Co.
- "X" Laboratories, 25 W. 46th St., New York, N. Y.
- Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ill.

RHEOSTATS,**Filament—**

see Rheostats, Battery

RIBBON ANTENNA**WIRE—**

see Wire, Flat or Strip Copper

RIVETS,**Brass and Copper**

- ✓Blake & Johnson Co., Waterbury, Conn. See advertisement, page 119.
- Bridgeport Brass Co., Bridgeport, Conn.
- Champlon Brass Works, 260 Division St., Coldwater, Mich.
- Eagle—see Plume & Atwood Mfg. Co.
- ✓Grammes & Sons, L. F., 310 Union St., Allentown, Pa. See advertisements, pages 97 and 159.
- Hassal, John, 42 Oakland St., Brooklyn, N. Y.
- Plume & Atwood Mfg. Co., 470 Bank St., Waterbury, Conn. "Eagle"

RIVETS,

**Brass and Copper
Continued**

- Progressive Mfg. Co., 52 Norwood St., Torrington, Conn.
- Rome Brass & Copper Co., Bouck St., Rome, N. Y.
- Steele & Johnson Mfg. Co., 779 S. Main St., Waterbury, Conn.
- Stimpson Co., Edwin B., 74 Franklin Ave., Brooklyn, N. Y.
- Waterbury Mfg. Co., 236 Grant St., Waterbury, Conn.

ROD ALUMINUM—

see Aluminum, Sheet

ROD FIBRE—

see Fibre, Vulcanized

RODS,

Brass and Copper—

see Brass and Copper, Sheet

RODS, Glass—

see Tubing, Glass

RODS, Ground

- Burn-Boston Battery & Mfg. Co., 80 Boylston St., Boston, Mass.
- Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
- Copperweld Steel Co., Rankin, Pa.
- Electrad, Inc., 428 Broadway, New York, N. Y. "Hydroground"
- Electric Service Supplies Co., 17th & Cambria Sts., Philadelphia, Pa. "Keystone." See advertisement, page 15.
- Hubbard & Co., 6301 Butler St., Pittsburgh, Pa.
- Hydroground—see Electrad, Inc.
- Keystone—see Electric Service Supplies Co.
- Liberty Metal Products Corp., Berea, Ohio
- Paragon Electric Co., 409 S. Dearborn St., Chicago, Ill.



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see Choppers, Rotary

**RUBBER
BINDING POSTS—**

see Posts, Composition Binding

**ROTARY
HACK SAWS—**

see Cutters, Panel Hole

**RUBBER
COVERED WIRE—**

see Wire, Rubber Covered

**ROUND NOSE
PLIERS—**

see Pliers, Round Nose

RUBBER DIALS—

see Dials, Rubber

**RUBBER
BATTERY JARS—**

see Jars, Rubber Battery

**RUBBER
BATTERY MATS—**

see Mats, Rubber Battery

RUBBER, Hard

- Sheet, Rod and Tube*
- Aetna Rubber Co., 811 E. 79th St., Cleveland, Ohio. "Aetnalite"
- Aetnalite—see Aetna Rubber Co.
- American Hard Rubber Co., 11 Mercer St., New York, N. Y. "Radion"
- Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio
- Goodrich Rubber Co., B. F., Akron, Ohio

**RUBBER
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see Trays, Rubber Battery

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SPRINGS*Send Blue Prints or Samples for Our Prices***ARROW HARDWARE CORP.**

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**RUBBER, Hard
Continued**

✓Hood Rubber Co. (Hard Rubber Dept.), Watertown, Mass. See advertisement, page 117.

Radion—see American Hard Rubber Co.

Sun Rubber Co., Barberton, Ohio

United States Rubber Co., 1790 Broadway, New York, N. Y.

Vulcanized Rubber Co., 251 Fourth Ave., New York, N. Y. "Vulco"

Vulco—See Vulcanized Rubber Co.

RUBBER HORNS—

see Horns, Rubber

RUBBER PANELS—

see Panels, Cutters, Drillers and Engravers of also Rubber, Hard

**RUBBER PHONE
CUSHIONS—**

see Cushions, Rubber Phone

RUBBER, Rod—

see Rubber, Hard

**RUBBER SET
CUSHIONS—**

see Cushions, Rubber Set

RUBBER, Sheet—

see Rubber, Hard

**RUBBER SOCKET
CUSHIONS—**

see Cushions, Rubber Socket

RUBBER TUBES—

see Rubber, Hard

RUBBER TUBING—

see Tubing, Soft Rubber

**RUBBER
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see Varlocouplers

**RUBBER
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see Variometers

SADDLE STAPLES—

see Staples, Insulated

SALTS, Soldering—

see Flux, Soldering

SAND PAPER—

see Paper, Emery and Sand

**SATURATING
MACHINES—**

see Machines, Coil Impregnating

SAWS, Panel

Barker & Co., R. L., 642 W. Washington Blvd., Chicago, Ill.

SAWS, Rotary Hack—

see Cutters, Panel Hole

SCREW DRIVERS—

see Drivers, Screw

SCREW HOLDERS—

see Clamps, Machine Screw

**SCREW MACHINE
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Automatic**

Ajax—see Philmore Mfg. Co.

Aluminum Co. of America, Oliver Bldg., Pittsburgh, Pa.

American Metal Works, Stenton Ave. & Rockland St., Philadelphia, Pa.

Ansonia Mfg. Co., Ansonia, Conn.

✓Arrow Hardware Corp., 27 Vestry St., New York, N. Y. See advertisement, page 118.

Atlantic Mfg. Co., 20 New Haven Ave., Milford, Conn.

Automotive Electric Service Corp., 210 Paterson Turnpike, North Bergen, N. J.

Autoscrew Co., 355 W. Broadway, New York, N. Y.

Barnes Co., William, Bristol, Conn.

✓Blake & Johnson Co., Waterbury, Conn. See advertisement, page 119.

Bridgeport Brass Co., Bridgeport, Conn.

Brown-McLaren Mfg. Co., 5853 Fort St., W., Detroit, Mich.

Cap Screw & Nut Co. of America, 290 Hudson St., New York, N. Y.

Carey & Son, F. W., Warren, Mass.

Chicago Nut Mfg. Co., 2513 W. Cullerton St., Chicago, Ill.

Chicago Screw Co., 1026 S. Honan Ave., Chicago, Ill.

Christiansen & Co., N. M., 261 Franklin St., Boston, Mass.

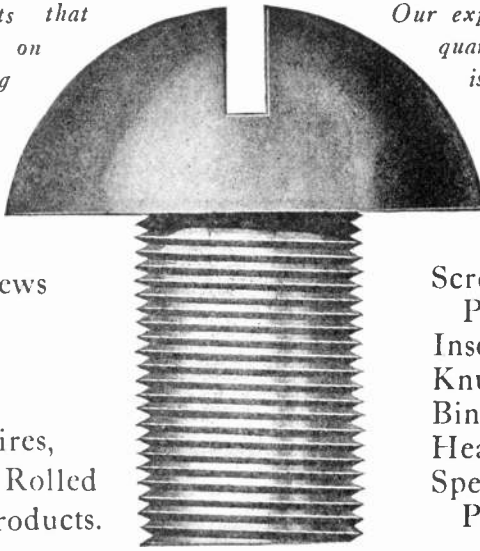
Cincinnati Automatic Machine Co., Cincinnati, Ohio

Columbia Metal Products Co., 357 E. Ohio St., Chicago, Ill.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Quality Products that
save you money on
your assembling
costs.

Our experience of three-
quarters of a century
is at your com-
mand.



Machine Screws
and Nuts,
Rivets,
Studs,
Threaded Wires,
Headed and Rolled
Thread Products.

Screw Machine
Products,
Inserts, Bushings,
Knurled Nuts,
Binding Posts,
Headless Screws,
Special Turned
Parts.

Send samples or blueprints for prices.

THE BLAKE & JOHNSON CO.

WATERBURY

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CONN.

SCREW MACHINE PRODUCTS, Automatic Continued

- Conrad Bros., 1069 Cooper Ave., Evergreen, L. I., N.Y.
- Corbin Screw Corp., 227 High St., New Britain, Conn.
- Davis & Hemphill, Elkridge, Md.
- Dayton Automatic Specialty Co., 310 N. Second St., Dayton, Ohio
- Doran & Sons, James C., 150 Chestnut St., Providence, R. I.
- Eclipse Machine Co., 15th & River Sts., Hoboken, N. J.
- Eloc Radio Corp., 88 B. Kinney St., Newark, N. J.
- Eureka Tin Ware Mfg. Co., 629 E. 16th St., New York, N. Y.
- Fisher Spring Co., Chas., 240 Kent Ave., Brooklyn, N. Y.
- Gray & Danielson Mfg. Co., 250 First St., San Francisco, Cal.
- Hartford Machine Screw Co., Capitol Ave., Hartford, Conn.
- Hartford Metal Products Co., 112 Allyn St., Hartford, Conn.
- Hershey Metal Products Co., Seymour Ave. & Hawkins St., Derby, Conn.
- ✓Hubbell, Harvey, Bridgeport, Conn. See advertisement, page 121.

- Hudson Metal Products Co., 120 N. Green St., Chicago, Ill.
- Instant Electric Water Heater Co., 304 E. Washington Ave., Bridgeport, Conn.
- Kings Mfg. Co., 32 33d St., Brooklyn, N. Y.
- Lebanon Machine Screw Co., Fourth Ave. & Weidman St., Lebanon, Pa.
- Liberty Screw Products Co., 383 Schrewsbury St., Worcester, Mass.
- Lovejoy Chaplet Co., Hoosick Falls, N. Y.
- Mattatuck Mfg. Co., E. Main St., Waterbury, Conn.
- Millimeter Machine Works, 542 W. 22d St., New York, N. Y.
- Motor Specialties Corp., Ft. of Elliott Ave., Detroit, Mich.
- Namco—see National Acme Co.
- National Acme Co., E. 131st St. & Coit Ave., Cleveland, Ohio. "Namco"
- New England Screw Co., 44 Farnsworth St., Boston, Mass.
- New York Mica & Mfg. Co., Auburn, N. Y.
- Olson Mfg. Co., 56 Commercial St., Worcester, Mass.
- Osland, Inc., 132 Fifth Ave., New York, N. Y.
- Peck Spring Co., Plainville, Conn.

- Perry-Fay Co., Elyria, Ohio
- ✓Pheoll Manufacturing Co., 5710 Roosevelt Rd., Chicago, Ill. See advertisement, page 120.
- Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
- ✓Poorman, J. E., 1827 W. Bristol St., Philadelphia, Pa. See advertisement, page 120.
- Precision Machine Co., 404 W. Tenth St., Indianapolis, Ind.
- Progressive Mfg. Co., 52 Norwood St., Torrington, Conn.
- Rex Products Co., 5606 Euclid Ave., Cleveland, Ohio
- Royersford Screw Machine Works, Royersford, Pa.
- ✓Seovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.
- Screw Machine Products Corp., 1012 Eddy St., Providence, R. I.
- Screw Machine Specialty Co., 314 29th St., Pittsburgh, Pa.
- Simmons Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio
- Sittmann & Sons, G., 105 Liberty St., Brooklyn, N.Y.
- Steele & Johnson Mfg. Co., 779 S. Main St., Waterbury, Conn.
- Steinen & Co., William, 293 Washington St., Newark, N. J.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



Machine Screws





Machine Screw Nuts



We specialize in the manufacture of brass machine screws, nuts and washers (both standard and special) used for Radio equipment. These products supplied in plain or plated finish.

Standard sizes carried in stock.
Catalog will be sent on request.

PHEOLL MANUFACTURING COMPANY
5710 Roosevelt Road, Chicago

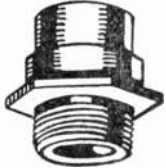
286 Broadway
NEW YORK CITY

205 Kresge Bldg.
DETROIT

117 N. Second St.
MINNEAPOLIS

703 Market St.
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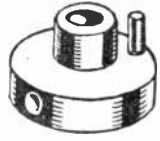
Radio Screw Machine Parts



We specialize in radio screw machine parts and offer a dependable service.

Closest limits, prompt delivery, at a price made possible by long experience.

Special attention to rush orders.

J. E. POORMAN, 1827 W. Bristol St., Philadelphia, Pa.

SCREW MACHINE PRODUCTS, Automatic Continued

- Stuckeman Bros., 204 Warrington Ave., Pittsburgh, Pa.
- Thomaston Mfg. Co., Thomaston, Conn.
- Torrington Mfg. Co., 5 Franklin St., Torrington, Conn.
- Trumbull Electric Mfg. Co., Plainville, Conn.
- Union Radio Corp., 124 Sussex Ave., Newark, N. J.
- Unity Mfg., Co., 224 N. Halsted St., Chicago, Ill.
- ✓Warner Bros., Co., Metal Division, Bridgeport, Conn. See advertisement, page 161.
- Waterbury Brass Goods Corp., Waterbury, Conn.
- Waterbury Mfg. Co., 236 Grant St., Waterbury, Conn.
- Western Brass Mfg. Works, Marshall Blvd. & 21st St., Chicago, Ill.
- Westwyre Co., 283 Elm St., Westfield, Mass.
- Wheeler & Son, Frank, Meriden, Conn.
- Wicaco Screw & Machine Works, Stenton Ave. & Loudon St., Philadelphia, Pa.

SCREWS, Brass Machine

- American Screw Co., 21 Stevens St., Providence, R. I.
- ✓Arrow Hardware Corp., 27 Vestry St., New York, N.Y. See advertisement, page 118.
- ✓Blake & Johnson Co., Waterbury, Conn. See advertisement, page 119.
- Bridgeport Screw Co., Williston St. & Union Ave., Bridgeport, Conn.
- Chicago Nut Mfg. Co., 2513 W. Cullerton St., Chicago, Ill.
- Chicago Screw Co., 1026 S. Homan Ave., Chicago, Ill.
- Continental Wood Screw Co., Mt. Pleasant St., New Bedford, Mass. "Holtite"
- Corbin Screw Corp., 227 High St., New Britain, Conn.
- Economy Screw Corp., 5215 Ravenswood Ave., Chicago, Ill.
- Hartford Machine Screw Co., Capitol Ave., Hartford, Conn.
- Holtite — see Continental Wood Screw Co.
- ✓Hubbell, Harvey, Bridgeport, Conn. See advertisement, page 121.
- New England Screw Co., 44 Farnsworth St., Boston, Mass.

Pawtucket Screw Co., Pawtucket, R. I.

- ✓Pheoll Manufacturing Co., 5710 Roosevelt Rd., Chicago, Ill. See advertisement, page 120.
- Progressive Mfg. Co., 52 Norwood St., Torrington, Conn.
- Reading Screw Co., Norristown, Pa.
- Reede & Prince Mfg. Co., Duncan Ave., Worcester, Mass.
- ✓Scovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.
- Screw Machine Specialty Co., 314 29th St., Pittsburgh, Pa.
- ✓Warner Bros. Co., Metal Division, Bridgeport, Conn. See advertisement, page 161

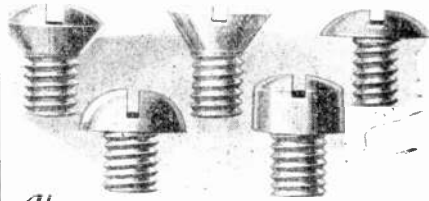
SCREWS, Brass Wood

- American Screw Co., 21 Stevens St., Providence, R. I.
- ✓Arrow Hardware Corp., 27 Vestry St., New York, N.Y. See advertisement, page 118.
- Bridgeport Screw Co., Williston St. & Union Ave., Bridgeport, Conn.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

A Michigan Dealer says:

"I find the Directory most complete in every respect. It should be prized by every radio dealer as it tells him at a glance where he can secure anything he has a call for."



About
better machine screws
—standard and special

HUBBELL MACHINE SCREWS are "exactly right"—whether the order is one gross or several millions—they're true to specifications in length, gauge, thread, pitch and finish. Standard sizes from 1/8 in. to 4 in. long and from No. 2 gauge to 3/8 in. in diameter, carried in stock for prompt shipment.

Specials made to order. Send blue prints, together with quantities required, and we shall be glad to quote prices.

HARVEY HUBBELL INC
 MACHINE SCREWS
 BRIDGEPORT CONN. U.S.A.

NEW YORK, N.Y.
 30 EAST 42ND ST.

SCREWS, Brass Wood Continued

- Continental Wood Screw Co., Mt. Pleasant St., New Bedford, Mass. "Holtite"
- Corbin Screw Corp., 227 High St., New Britain, Conn.
- Holtite — see Continental Wood Screw Co.
- Reading Screw Co., Norristown, Pa.
- Reed & Prince Mfg. Co., Duncan Ave., Worcester, Mass.
- Waterbury Mfg. Co., 236 Grand St., Waterbury, Conn.

- Starrett Co., L. S., 165 Crescent St., Athol, Mass.
- Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.

SEALING COMPOUNDS—

- see Compounds, Battery Sealing

SELECTORS, Wave—

- see Traps, Wave

SCRIBERS, Machinists'

- Braunsdorf-Mueller Co., 205 Madison St., Elizabeth, N. J.
- Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric"
- Brown & Sharpe Mfg. Co., Promenade St., Providence, R. I.
- Goodell-Pratt Co., Wells St., Greenfield, Mass.
- Millers Falls Co., Millers Falls, Mass.
- Radio-Lectric — see Bridgeport Hardware Mfg. Corp.

SELF-ADJUSTING RESISTANCES—

- see Resistances, Self-Adjusting

SEPARATORS, Rubber Battery—

- see Rubber, Hard

SEPARATORS, Wood Battery

- Arrow Mill Co., 4420 W. 26th St., Chicago, Ill.
- Baltimore Battery Separator Co., 216 Cold Spring Lane (Roland Park), Baltimore, Md.
- Ermet Mfg. Co., Indianapolis, Ind.
- Estes & Sons, E. B., 362 Fifth Ave., New York, N. Y.
- Indianapolis Mfg. Co., Indianapolis, Ind.
- Stewart Mfg. Co., W. E., 14th & Elm Sts., Flint, Mich.
- Ulett Mfg. Co., Medford, Mass.

SET CUSHIONS, Rubber—

- see Cushions, Rubber Set

SET PROTECTORS—

- see Arresters, Lightning Indoor

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

SETS, Combination Radio-Phonograph

Adler Mfg. Co., 881 Broadway, New York, N. Y. "Adler-Royal" "Royal"

Adler-Royal—see Adler Mfg. Co.

Arden — see Brunswick-Balke-Collender Co.

Autophone Mfg. Corp., 324 E. 23d St., New York, N. Y.

Brenard Mfg. Co., Iowa City, Iowa "Claxtonola"

Brendonne Corp., 42 Main St., Orange, N. J.

Brunswick - Balke - Collender Co., 629 S. Wabash Ave., Chicago, Ill. "Arden"

Cheney Talking Machine Co., Grand Rapids, Mich.

Claxtonola — see Brenard Mfg. Co.

Clemetsen Co., Anton, 4223 W. Lake St., Chicago, Ill.

Northland Radio Co., Produce Exchange Bldg., Minneapolis, Minn.

Pathe Phonograph & Radio Corp., 20 Grand Ave., Brooklyn, N. Y.

Phonoradio — see Wasmuth-Goodrich Co.

Player-Tone Talking Machine Co., 632 Grant St., Pittsburgh, Pa.

Radio-Fone-O-Graf Co., 27 S. Broad St., Elizabeth, N. J.

Radio Master Corp. of America, Bay City, Mich.

Royal—see Adler Mfg. Co.

Simmons Phonograph Co., Seattle, Wash.

Sonora Phonograph Co., 279 Broadway, New York, N. Y. "Sonoradio"

Sonoradio — see Sonora Phonograph Co.

Starr Plano Co., First & So. A Sts., Richmond, Ind.

Victor Talking Machine Co., Camden, N. J.

Vitanola Talking Machine Co., American Furniture Mart Bldg., Chicago, Ill. "Vitaradio"

Vitaradio — see Vitanola Talking Machine Co.

Wasmuth-Goodrich Co., (Oakdale) Peru, Ind. "Phonoradio"

SETS, Crystal

Acme—see Pacific Screw Co.

Aerolla X—see Crain Bros. Radio & Mfg. Co.

Ajax Electric Co., 18 Palmer St., Cambridge, Mass.

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Audio-Tone Radio Co., 2831 Middletown Rd. (Bronx) New York, N. Y. "Krystalceptor"

Baby Grand — see Beaver Machine & Tool Co.

Beaver Machine & Tool Co., 625 Third St., Newark, N. J. "Baby Grand"

Berman Sporting Goods Co., 92 E. Seventh St., St. Paul, Minn.

Bird Radio Corp., 322 Main St., Cincinnati, Ohio

Blinker—see Perry & Sons

Breco Radio Corp., 687 Courtland Ave., New York, N. Y.

Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. "Pandora" Cataloged on page 63.

Burwell Co., Lee D., 1614 Harmon Pl., Minneapolis, Minn.

Carco—see Carter Mfg. Co.

Carter Mfg. Co., 1728 Colt Ave., (E. Cleveland) Cleveland, Ohio "Carco"

Case Toy & Sales Co., 7250 Kelley St. (Homewood Sta.) Pittsburgh, Pa.

Cat's Meow—see Morvillo & Sons

C. D. T.—see Tanner Radio Co.

Champion Radio Products Co., 1400 E. 47th St., Chicago, Ill.

Cherington Radio Products Inc., Waukegan, Ill. "C-R-P"

Clearstone Radio Electrical Supply Co., 70 Audubon Ave., Providence, R. I.

Clover Leaf Mfg. Co., 2716 S. Canal St., Chicago, Ill. "Wow"

Concert Jr. — see Concert Radiophone Co.

Concert Radiophone Co., 1938 Euclid Ave., Cleveland, Ohio "Concert Jr."

Corcoran Lamp Co., Thos. J., 4890 Spring Grove Ave., Cincinnati, Ohio

Crain Bros. Radio & Mfg. Co., 2304 Telegraph Ave., Oakland, Cal. "Aerolla X"

C-R-P — see Cherington Radio Laboratories, Inc.

Durban Electric Co., 400 N. Laramie Ave., Chicago, Ill.

Dymac—see Electrical Products Mfg. Co.

Electric City Novelty & Mfg. Co., 120 Odell St., Schenectady, N. Y. "Radjo"

Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"

Elf—see Westwyre Co.

Eureka — see Pacific Screw Co.

Federal Telephone Mfg. Corp., Buffalo, N. Y.

Flash Radio Corp., 127 Federal St., Boston, Mass.

Flivver—see Lightrite Co.

Ford Co., K. N., 1411 Alta Vista Blvd., Los Angeles, Cal. "Radiogrand"

Glen—see Voges Co.

Gold-Star—see Kodel Radio Corp.

Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.

Gundlach-Manhattan Optical Co., 761 Clinton St., S., Rochester, N. Y.

Haller, W. B., 2100 Sarah St., S. S., Pittsburgh, Pa. "Hallerlo"

Hallerlo—see Haller, W. B.

Hamburg Bros., 420-22 Seventh Ave., Pittsburgh, Pa. "Pennsylvania" See advertisement, page 75.

Hargraves, C. E. & H. T., Lakewood, R. I. "Mel-O-Tone"

Hearwell Electric Co., 53 Devonshire St., Boston, Mass.

Heintz-Kohlmoos, 221 Natoma St., San Francisco, Cal.

Howe Auto Products Co., 120 N. Green St., Chicago, Ill.

Inman Specialty Store, 450 High St., Holyoke, Mass.

Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio "Quality" "Gold-Star"

Krystalceptor — see Audio-Tone Radio Co.

La Bidite Radio Products Mfg. Co., 121 E. 40th St., New York, N. Y.

Lambert Radio Co., Leon, 212 S. Market St., Wichita, Kans.

L. D. R.—see United Metal Stamping & Radio Co.

Lee Electric & Mfg. Co., 220 Eighth St., San Francisco, Cal. "Lemco"

Lemco—see Lee Electric & Mfg. Co.

Lightrite Co., 167 Bloomfield Ave., Bloomfield, N. J. "Flivver"

Little Freak — see Nu-Tone Radio Co.

Little Tattler—see Marinette Electric Corp.

Little Wonder—see Philmore Mfg. Co.

Los Angeles Radio Supply Co., 1052 E. Vernon Ave., Los Angeles, Cal.

Marinette Electric Corp., Marinette, Wis. "Little Tattler"

Master Electric Co., 113 S. Jefferson St., Chicago, Ill.

Mel-O-Tone—see Hargraves, C. E. & H. T.

Metro—see Pal Sales Corp.

Midget—see Orator Radio Corp.

Miller Radio Co., A. H., 1259 W. Grand Blvd., Detroit, Mich.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

**SETS, Crystal
Continued**

Miracle—see Uncle Al's Radio Shop.
 Mohawk Battery & Radio Co., 2115 Sunset Blvd., Los Angeles, Cal.
 Monarch—see Rippner Bros. Mfg. Co.
 Morvillo & Sons, G., 239 Federal St., Providence, R. I. "Cat's Meow"
 Nিকেlette — see Novelty Radio Mfg. Co.
 Non Skid Crystal Mfg. Co., 917 Fuller St., Kansas City, Mo.
 Novelty Radio Mfg. Co., 204 S. Fourth St., St. Louis, Mo., "Nিকেlette"
 Nu-Tone Radio Co., Atlas Bldg., Salt Lake City, Utah "Little Freak"
 Orator Radio Corp., 1717 Broadway, New York, N. Y.
 Pacific Screw Co., 645 N. E. 53d St., Portland, Ore. "Acme" "Eureka"
 Pal Radio Co.—see Pal Sales Corp.
 Pal Sales Corp., Tube Concourse Bldg., Jersey City, N. J. (Sole Sales Representatives for Pal Radio Co., Jersey City, N. J.) "Metro"
 Pandora—see Brooklyn Metal Stamping Co.
 Penberthy Injector Co., 1242 Holden Ave., Detroit, Mich.
 Pennsylvania—see Hamburg Bros.
 Pentz Radio Factory, 207 S. Fifth St., Minneapolis, Minn.
 Perry & Sons, Frank B., Hospital Trust Bldg., Providence, R. I. "Blinker"
 Phillmore Mfg. Co., 105 Chambers St., New York, N. Y. "Little Wonder"
 Pyramid Products Co., 117 N. Dearborn St., Chicago, Ill.
 Pyrodyne—see Quaker City Paper Box Co.
 Quaker City Paper Box Co., 12th & Brown Sts., Philadelphia, Pa. "Pyrodyne"
 Quality — see Kodak Radio Corp.
 Radiclear—see Taylor Electric Co.
 Radio Products Sales Co., 150 Fourth St., San Francisco, Cal. "Supreme"
 Radlogem Corp., 66 West Broadway, New York, N. Y.
 Radiogrand—see Ford Co.
 Radiolette—see Aeolus Corp.
 Radio — see Electric City Novelty & Mfg. Co.
 Rippner Bros. Mfg. Co., 2125 Superior Ave., Cleveland, Ohio. "Monarch"
 Roll-O Radio Corp., 35 W. Pearl St., Cincinnati, Ohio

St. Marks Radio Co., 29 Third Ave., New York, N. Y.
 Selectrol Radio Corp., 565 Broadway, New York, N. Y.
 Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.
 Steinite Laboratories, Radio Bldg., Atchison, Kans.
 Steinmetz Wireless Mfg. Co., 5968 Baum Blvd., Pittsburgh, Pa.
 Supreme—see Radio Products Sales Co.
 Tanner Radio Co., C. D., 528 W. Washington St., Los Angeles, Cal. "C. D. T."
 Taylor Electric Co., 1206 Broad St., Providence, R. I. "Radiclear"
 Thoma Radio Co., J. H., 1485 Beaver Ave., Pittsburgh, Pa.
 Townner Radio Mfg. Co., 2620 Victor St., Kansas City, Mo.
 Trescola—see Tri-City Radio Electric Supply Co.
 Tri-City Radio Electric Supply Co., Davenport, Iowa "Trescola"
 Trippe Reflector Corp., 310 S. Michigan Ave., Chicago, Ill.
 Trix — see Wolverine Radio Co.
 Tustin Radio & Electric Co., 428 Sutter St., San Francisco, Cal.
 Uncle Al's Radio Shop, 2017 27th Ave., Oakland, Cal. "Miracle"
 United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio "L.D.R."
 Van Valkenburg Co., L. D., Holyoke, Mass.
 Voges Co., Glen F., 7312 Manchester Ave., St. Louis, Mo. "Glen"
 Westwre Co., 283 Elm St., Westfield, Mass. "Elf"
 Wolverine Radio Co., 103 W. Atwater St., Detroit, Mich. "Trix"
 Wow—see Clover Leaf Mfg. Co.
 X-L Radio Co., 1623 S. Vermont Ave., Los Angeles, Cal.

Radio Headquarters Laboratories, Broadway & Ankeny St., Portland, Ore.
 Scout—see Leich Electric Co.
 Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio
 Thomas, Haydn A., 4034 Lexington St., Chicago, Ill.

**SETS, Head—
see Head-Sets****SETS, Knockdown**

A. C.—see Amplex Instrument Laboratories.
 A-C Electrical Mfg. Co., Dayton, Ohio
 A C H—see Hayden Radio & Research Co.
 Acme Apparatus Co., 37 Osborn St., Cambridge, Mass. "Acmeflex"
 Acmeflex—see Acme Apparatus Co.
 Acorn — see Royal Radio Products Co.
 Airkey—see Manhattan Radio Co.
 All-Amex—see All-American Radio Corp.
 ✓ All-American Radio Corp., 1201 Belmont Ave., Chicago, Ill. "All-Amex" See advertisement, page 161.
 American Interstate Radio Service, 183 Greenwich St., New York, N. Y.
 Amplex Instrument Laboratories, 88 W. Broadway, New York, N. Y. "A. C."
 Amso Products, Inc., 416 Broome St., New York, N. Y. "Melco Supreme"
 Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ill. "Microdyne"
 Art Craft Mfg. Co., 22 Warren St., New York, N. Y.
 Atlantic & Pacific Radio Corp., 223 W. 34th St., New York, N. Y.
 Baldwin-Pacific & Co., Pacific Bldg., San Francisco, Cal. "Pacific Quintet" "Pacific Ranger" "Pacific Rainbow"
 Biltmore Radio Co., 94 Green St. (Jamaica Plain) Boston, Mass.
 Boone Radio Corp., J. T., 3469 E. Jefferson Ave., Detroit, Mich.
 Branston, Chas. A., 813 Main St., Buffalo, N. Y. "Hetroira"
 ✓ Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "Nameless" "Counterphase" See advertisements, pages 49, 127, 133 and 171.

**SETS, Electrical
Testing**

Airex Co., 797 Greenwich St., New York, N. Y.
 ✓ Burton-Rogers Co., 26 Brighton Ave., Boston, Mass. See advertisement, page 11.
 Jewell Electrical Instrument Co., 1640 Walnut St., Chicago, Ill.
 Leich Electric Co., Genoa, Ill. "Scout"

- SETS, Knockdown Continued**
- Browning-Drake — see National Company.
- Bruno Radio Corp., 222 Fulton St., New York, N. Y. "Powertone"
- Camfield Radio Mfg. Co., 829 Harrison St., Oakland, Cal. "Duodyne"
- Case — see Indiana Mfg. & Electric Co.
- Chime-Tone — see Eureka Specialty Co.
- Cleveland Products Co., 714 Huron Rd., Cleveland, Ohio
- Como Apparatus Corp., 343 Kelley St., Manchester, N. H.
- Counterphase — see Bremer-Tully Mfg. Co.
- Crescent Radio Mfg. Co., 35 W. 19th St., New York, N. Y.
- Culver-Stearns Mfg. Co., 53 Grafton St., Worcester, Mass. "Lloyd C. Greene"
- ✓DeJur Products Co., Lafay-ette & Broome Sts., New York, N. Y. See advertisement, page 50.
- ✓DeWitt-LaFrance Co., Cambridge, Mass. See advertisement, page 85.
- Diamadyne—see Norbert Radio Co.
- Doran & Sons, James C., 150 Chestnut St., Providence, R. I.
- Duodyne—see Camfield Radio Mfg. Co.
- Durrant Radio, Ltd., 52 Vanderbilt Ave., New York, N. Y.
- Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y.
- Economy—see Morrison Radiophone Co.
- Electric Appliance Shop, 336 S. Broadway, Los Angeles, Cal.
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Eria"
- Elgin Radio Supply Co., 207 E. Chicago St., Elgin, Ill. "Super-Reinartz"
- Elkay—see Langbein-Kaufman Radio Co.
- Eria—see Electrical Research Laboratories
- Eureka Specialty Co., 1647 Third Ave., New York, N. Y. "Chime-Tone"
- Experimenters Information Service, Inc., 476 Broadway, New York, N. Y.
- Fear, Ralph G., 809 N. Citrus Ave., Hollywood, Cal. "Fearless Simplex"
- Fearless Simplex—see Fear, Ralph G.
- Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"
- Friedlander-Kopple Radio Service, 149 Church St., New York, N. Y. "Weibilt"
- Gearhart - Schlueter Radio Corp., 713 Voorman Ave., Fresno, Cal. "Quadra-former"
- General Mfg. Co., 6637 Cottage Grove Ave., Chicago, Ill. "Gen-Ral"
- ✓General Radio Co., Cambridge, Mass. See advertisement, page 47.
- Gen-Ral — see General Mfg. Co.
- Gilfillan Bros., 1815 W. 16th St., Los Angeles, Cal.
- Globe Radio Equipment Co., 217 W. 125th St., New York, N. Y.
- Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.
- Greater Atlantic & Pacific Radio Corp., 223 W. 34th St., New York, N. Y.
- Hanscom Radio Devices, Woonsocket, R. I. "Super-unit"
- Harkness Radio Corp., Kenneth, 727 Frelinghuysen Ave., Newark, N. J.
- Hayden Radio & Research Co., A. C., Brockton, Mass. "A C H"
- Hetrola—see Branston, Chas. A.
- Hilco-Dyne — see Hill Mfg. Co.
- Hill Mfg. Co., A. E., 80 Mangum St., Atlanta, Ga. "Hilco-Dyne"
- Hudson Terminal Radio & Electric Co., 30 Church St., New York, N. Y.
- Huntington — see National Engineering Co.
- Illinois Radio Appliance Co., 1426 E. 70th St., Chicago, Ill.
- Imperial Electric Mfg. Co., 58 Columbia St., Newark, N. J. "Polydyne" "Puradyne"
- Indiana Mfg. & Electric Co., Case Bldg., Marion, Ind. "Case"
- Jaeger-Carlson Mfg. Co., 161 Jamaica Ave., Brooklyn, N. Y.
- Jamieson, H. E., Rivera, Cal.
- Jones Radio Mfg. Co., Jos. W., 40 W. 25th St., New York, N. Y.
- ✓Killogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See inside Back Cover.
- Keystone Radio & Electric Service, 6237 Haverford Ave., Philadelphia, Pa.
- King Quality Products, Inc., Rano St., Buffalo, N. Y.
- Ku 51—see Mohawk Corp. of Illinois
- ✓Langbein-Kaufman Radio Co., Dept. O, 511 Chapel St., New Haven, Conn. "Elkay." See advertisement, page 114.
- Lee Electric & Mfg. Co., 220 Eighth St., San Francisco, Cal. "Lemco"
- Liberty Electric Corp., Stamford, Conn.
- Lincoln Radio Corp., 151 W. 28th St., New York, N. Y.
- Lloyd C. Greene—see Culver-Stearns Mfg. Co.
- Lolos Explorer — see Radio Specialty Co.
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y. "Superb"
- Manhattan Radio Co., 112 Trinity Pl., New York, N. Y. "Airkey"
- Marathon Radio Corp., 133 First St., San Francisco, Cal.
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Rasla Mar-Co"
- Marwol Radio Corp., 546 Broadway, New York, N. Y.
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"
- Melco-Supreme — see Amsco Products, Inc.
- Microdyne—see Apex Electric Mfg. Co.
- Miller Co., Bertrand F., High & Canal Sts., Trenton, N. J.
- Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill. "Ku 51"
- Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. "M. R. L."
- Morrison Radiophone Co., 305 Fairfield Ave., Bridgeport, Conn. "Economy"
- Moskowitz & Herbach, 512 Market St., Philadelphia, Pa.
- M. R. L.—see Montrose Radio Laboratories
- Multiflex—see Radio Receptor Co.
- Muzada — see Mazda Radio Mfg. Co.
- Nameless—see Bremer-Tully Mfg. Co.
- ✓National Co., 110 Brookline St., Cambridge, Mass. "Browning-Drake" See advertisement, page 62.
- National Engineering Co., Straus Bldg., Chicago, Ill. "Huntington"
- Nazeley Co., J., 1824 Park Ave., Weehawken, N. J. "Roberts"
- Neutroflex—see Tanner Co.
- Neutrowound Radio Mfg. Co., 1721 Prairie Ave., Chicago, Ill.
- Norbert Radio Co., 638 W. 160th St., New York, N. Y. "Diamadyne"
- Pacific Quintet—see Baldwin-Pacific Co.
- Pacific Rainbow—see Baldwin-Pacific Co.
- Pacific-Ranger—see Baldwin-Pacific Co.
- Polydyne—see Imperial Electric Mfg. Co.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

**SETS, Knockdown
Continued**

Powertone—see Bruno Radio Corp.

Precol Radio Mfg. Co., 2158 Smead St., Toledo, Ohio

Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill.

Puradyne — see Imperial Electric Mfg. Co.

Quadriformer — see Gearhart-Schlueter Radio Corp.

Radio Engineering Co., 16 Union Ave., New Rochelle, N. Y.

Radio Engineering Laboratories, Marquette Bldg., Detroit, Mich.

Radio Industries Corp., 131 Duane St., New York, N. Y. "Tropadyne" "Rico-Dyne"

Radio Receptor Co., 106 Seventh Ave., New York, N. Y. "Receptrad" "Multiflex"

Radio Specialty Co., 98 Park Pl., New York, N. Y. "Lolos Explorer"

Radio Woodcraft Division, 5245 Magnolia Ave., Chicago, Ill.

Rasla Mar-Co.—see Martin-Copeland Co.

Ray-Dee-Artcraft Mfg. Co., 12 E. Central Ave., Redlands, Cal.

Receptrad — see Radio Receptor Co.

Richardson Radio, Inc., Foster Ave. & Hulst St., Long Island City, N. Y.

Rico-Dyne—see Radio Industries Corp.

Roberts—see Nazeley Co.

Rocky Electric Co., Ingomar, Ohio

Rossiter, Tyler & McDonell, 136 Liberty St., New York, N. Y. "Sangamo-Pressley"

✓Royal Radio Products Co., 628 Callowhill St., Philadelphia, Pa. "Acorn." See advertisement, page 183.

✓Samson Electric Co., Canton, Mass. See advertisement, page 46.

Sangamo-Pressley—see Rossiter, Tyler & McDonell

Scott Radio Laboratories, 35 S. Dearborn St., Chicago, Ill.

Shamrock - Harkness — see Shamrock Mfg. Co.

Shamrock Mfg. Co., 196 Waverly Ave., Newark, N. J. "Shamrock-Harkness"

Sickles Co., F. W., 130 Union St., Springfield, Mass.

✓Silver-Marshall, 102 S. Wabash Ave., Chicago, Ill. "S-M" See advertisement, page 173.

Silvey Electric Co., 10 S. Canal St., Dayton, Ohio.

S-M—see Silver-Marshall.

Southeastern Radio Corp., Winston-Salem, N. C.

Spltdorf Electrical Co., 392 High St., Newark, N. J.

Standard Radio Corp., 41 Jackson St., Worcester, Mass. "Standardyne"

Standardyne — see Standard Radio Corp.

Super-Reinartz — see Elgin Radio Supply Co.

Superb—see Magnuss Electric Co.

Superior Coil Co., Harwichpoint, Mass.

Superunit — see Hanscom Radio Devices

Sweeney Radio & Electrical Co., Sweeney Bldg., Kansas City, Mo.

Sypher Mfg. Co., 1524 Fernwood Ave., Toledo, Ohio

Tanner Radio Co., C. D., 528 W. Washington St., Los Angeles, Cal. "Neutroflex"

Telephone Maintenance Co., 20 S. Wells St., Chicago, Ill. "Telmaco"

Telmaco—see Telephone Maintenance Co.

Thompson Mfg. Co., R. E., 30 Church St., New York, N. Y.

Trans-Atlantic Radio Products Corp., 117 E. 24th St., New York, N. Y.

Tropadyne—see Radio Industries Corp.

Tuska Co., C. D., 83 Homestead Ave., Hartford, Conn.

United Scientific Laboratories, Inc., 80 Fourth Ave., New York, N. Y.

Un-X-Ld—see Forman & Co.

Victoreen—see Walker Co.

Walker Co., George W., 6524 Carnegie Ave., Cleveland, Ohio "Victoreen"

Wel-Bilt Mfg. Co., 102 Chambers St., New York, N. Y.

Welbilt — see Friedlander-Kopple Radio Service

Welty & Co., Wm. A., 36 S. State St., Chicago, Ill.

Wireless Shop, 150 Glendale Blvd., Los Angeles, Cal.

WorkRite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio

**SETS, Phonograph
Adapting**

A-C Electrical Mfg. Co., Dayton, Ohio

Drexel Radio Mfg. Co., 804 E. 43d St., Chicago, Ill.

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Nestor Five"

Federal Telephone Mfg. Corp., Buffalo, N. Y.

Jones Radio Mfg., Co., Jos. W., 40 V. 25th St., New York, N. Y.

Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio "Log-O-Dyne"

Log-O-Dyne — see Kodel Radio Corp.

Marwol Radio Corp., 546 Broadway, New York, N. Y.

Monarch Radio Corp., 111 W. Monroe St., Chicago, Ill.

Montro-Adapto — see Montrose Radio Laboratories.

Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. "Montro-Adapto"

Nestor Five—see Electrical Research Laboratories.

New York Album & Card Co., 23 Lispenard St., New York, N. Y. "Nyaccoflex"

Nyaccoflex—see New York Album & Card Co.

O'Dea, James K., 115 Ellison St., Paterson, N. J.

Taylor Radio Co., 1218 Chestnut St., Philadelphia, Pa.

Teletone Corp. of America, 449 W. 42d St., New York, N. Y.

WorkRite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio

SETS, Vacuum Tube

A B C—see Freeport Radio Corp.

Able Tool & Engineering Co., 536 W. Elm St., Chicago, Ill. "Atec"

A. C.—see Amplex Instrument Laboratories.

A-C Electrical Mfg. Co., Dayton, Ohio "Polydyne"

Ace — see Amerex Electric Corp.

Acme—see Wright-De Coster Radio, Inc.

Ad-a-unit—see Auto Indicator Co.

Adler Mfg. Co., 881 Broadway, New York, N. Y. "Adler-Royal"

Adler-Royal—see Adler Mfg. Co.

Adroit Tool Co., 14 Front St., New York, N. Y. "Adrola"

Adrola—see Adroit Tool Co.

Advance Electric Co., 1260 W. Second St., Los Angeles, Cal.

Advance Radio Research Laboratories, 224 W. 34th St., New York, N. Y.

Aer-A-Dyne Mfg. Co., 603 Washington St., Utica, N. Y.

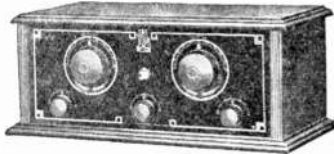


KING COLE

Radio Products

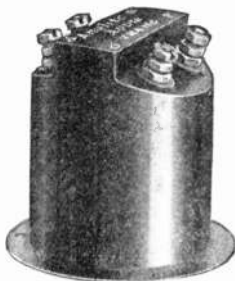
Insure
Profitable Sales
and
Satisfied Customers

King Cole
Radio Receiver
List, \$80.00



Six tube service with four tubes is the achievement of this set. Loudspeaker reception of all stations. Easily tuned and very selective. Reproduction remarkably clear and faithful.

The panels are black formica trimmed in gold, cabinets finished in brown mahogany or two-tone walnut. Console models in walnut.



King Cole Transformer
Type F1. List \$1.00.

King Cole Type F-1 audio frequency transformers are especially designed to reproduce all music and speech as perfectly as possible. Overtones are amplified to the same degree as fundamental notes, thus bringing out the melody of the music. The Type F-2 is similar in appearance, but is of standard design and lists at \$3.50.

Other King Cole Products:

Reactance Amplifiers
Aerial Wire
Busbar Wire
Magnet Wire

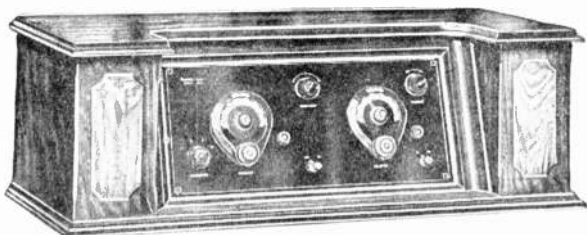
Write for Complete Information

Anylite Electric Co.

Fort Wayne, Indiana

SETS, Vacuum Tube Continued

- Aero Radio Co., 155 Congress St., W., Detroit, Mich. "Aerodyne"
- Aerodyn Co., 1780 Broadway, New York, N. Y.
- Aerodyne—see Aero Radio Co.
- Aeroking—see Stewart-Warner Speedometer Cor'n.
- Aeromaster—see Stewart-Warner Speedometer Cor'n.
- Ainsworth Radio Co 306 Main St., Cincinnati, Ohio "Torodyne"
- Air King—see 20th Century Radio Co.
- Air-Ola Radio Co., 615 16th St., Huntington, W. Va., "Just-Rite"
- Air Pilot—see Spielman Electric Co.
- Airtone—see Radio Auto Distributors
- Airtune—see Wheelock Mfg. Co.
- Air-Way Electric Appliance Corp., 613 Broadway, Toledo, Ohio "Green Seal"
- Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
- Aladdin Mfg. Co., 18th & Hackley Sts., Muncie, Ind. "Aladyne"
- Aladyne—see Aladdin Mfg. Co.
- Algo—see Algonquin Electric Co.
- Algonquin Electric Co., Poughkeepsie, N. Y. "Algo"
- All-Amax—see All-American Radio Co.
- ✓All-American Radio Corp., 4201 Belmont Ave., Chicago, Ill. "All-Amax" See advertisement, page 161.
- Amaco—see American Apparatus Co.
- Ambassador Sales Co., 108 Greenwich St., New York, N. Y.
- Amborola—see American Bosch Magneto Corp.
- Ambu—see American Bureau of Engineering
- Amerex Electric Corp., 346 E. 32d St., New York, N.Y.
- American Apparatus Co., 30 N. 19th St., Richmond, Ind. "Amaco"
- American Beauty—see American Radio Mfg. Co.
- American Bosch Magneto Corp., Springfield, Mass. "Amborola"
- American Bureau of Engineering, 2632 Prairie Ave., Chicago, Ill. "Ambu"
- American European Radio Corp., 108 W. 59th St., New York, N. Y. "Port-O-Radio"



The B-T Counterphase- Six

will give your customers a greater degree of lasting satisfaction than any other set. The B-T Reputation for quality solves half your selling problem.

FOR PROFIT, SELL SATISFACTION.

BREMER-TULLY MFG. CO., 532 So. Canal St., Chicago

DEALERS JOBBER MANUFACTURING AGENTS

Before you decide on a new line write for the latest information on Singer Radio; a very important development is under way.

If you have followed the rapid growth of Singer Radio, you'll want to know about this new development. Write for details at once. Have your name on file for the big announcement!

Singer Co., Inc.

40 Hudson Street

Dept. R. T. D.

New York City

Use Radio Retailing



*The
Magazine
that every
Radio Man
Needs*

Whether or not you make or lose money depends upon the methods you use—the amount of knowledge you have and apply the right way to run your radio business.

Who wouldn't pay \$2 to get a magazine that is crammed

full of money-making methods, sales hunches and vital news of the radio industry?

All this aid is yours if you use and read *Radio Retailing!* It's the biggest value for the money ever offered the radio dealer!

RADIO RETAILING

Tenth Ave. at 36th St., New York City

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Reader Interest

"Radio Retailing" has the greatest reader interest of any radio trade publication. The proof is its paid circulation of over 16,000 — the largest number of paid subscribers that any radio trade magazine possesses.

More facts for the asking

RADIO RETAILING

—a McGraw-Hill Publication
475 Tenth Avenue, New York City

Murdock Radio

STANDARD SINCE 1904

Look for our new
1926 Models

Wm. J. Murdock Co.
Dept. 98.
Chelsea, Mass.

SETS, Vacuum Tube Continued

- American Interstate Radio Service, 133 Greenwich St., New York, N. Y., "Rambler Six"
- American Radio Mfg. Co., 1416 McGee St., Kansas City, Mo., "American Beauty"
- American Sales Co., Bryson Bldg., Los Angeles, Cal., "Indian"
- American Specialty Co., 168 Holland Ave., Bridgeport, Conn., "Electrola"
- American Stationfinder Co., 409 S. Second St., Memphis, Tenn.
- American Wireless Corp., 33 W. 17th St., New York, N. Y.
- Amplola—see Cadillac Radio Mfg. Co.
- Amplex Instrument Laboratories, 88 W. Broadway, New York, N. Y., "A. C." "De Exer"
- Amrad Corp., Medford Hillside, Mass., "Inductrola"
- AnSCO Products, Inc., 416 Broome St., New York, N. Y., "Melco-Supreme"
- Andrea, F. A. D., 1581 Jerome Ave., New York, N. Y., "Tada Neutrola"
- Andrews Radio Corp., 1414 S. Wabash Ave., Chicago, Ill., "Deresnadyné"
- Angelus—see Radio Service Co.
- Antunez & O'Donnell, 632 N. Louise St., Glendale, Cal.
- ✓Anylite Electric Co., Fort Wayne, Ind., "King Cole" See advertisement, page 126.
- Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ill., "Microdyne"
- Apollo-Dyne—see Triangle Electric Co.
- Appleby Radio Mfg. Co., 250 W. Juniper St., Philadelphia, Pa.
- Aragain — see Autometal Corp.
- Arborphone — see Machine Specialty Co.
- Argus Radio Corp., 25 W. 18th St., New York, N. Y., "Power-Argus"
- Ariel—see Claire Mfg. Co.
- Arlonola—see Dimmock-Bogart Radio, Inc.
- Aristocrat—see Orator Radio Corp.
- Aristocrat—see Radiocompak Co.
- Arlington — see Wells Mfg. Co.
- Arrow Radio Co., 60 Warren St., New York, N. Y.
- Arrow Radio Laboratories, 402 S. Cicero Ave., Chicago, Ill.
- Artae—see Wilkins Radio Co.
- Astral Radio Corp., 1237 N. Broad St., Philadelphia, Pa.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

STEWART-WARNER

Matched-Unit Radio

Sound Business Building-

Instrument
plus Reproducer
plus Tubes plus
Accessories

RIGHT-ABOUT, FACE! Turn your back on haphazard radio manufacture and selling. Start sound business building with Stewart-Warner Matched-Unit Radio under the protection of the Stewart-Warner franchise.

Stewart-Warner Matched-Unit Radio is a complete line of radio sets and equipment, and includes cabinet models, console models, reproducers, tubes, aerial and ground equipment—the finest that brains and money can produce—all built to function together—an achievement in the radio industry.

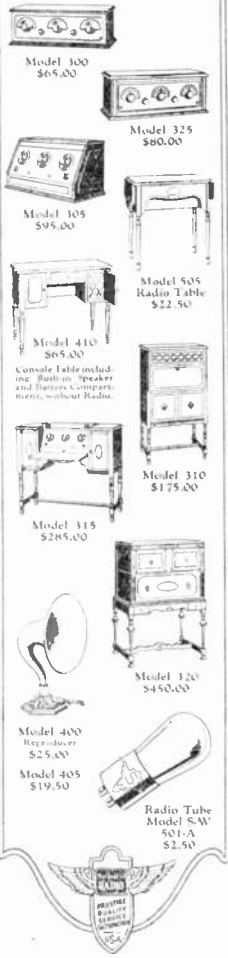
Stewart-Warner Radio is distributed exclusively through our own established factory branches—there is one “within six hours of you.” Dealers who can qualify receive from the branch in their territory an exclusive franchise protecting them against all the unfair trade practices of today. Price cutting, loading, unfair competition are unknown to the Stewart-Warner dealer.

In 1925 over 3000 Stewart-Warner dealers laid the foundation for a permanent success in the radio business. Operating under the Stewart-Warner franchise and aided by consistent Stewart-Warner consumer advertising, they put complete radio satisfaction into thousands and thousands of homes.

Exclusive Stewart-Warner dealer franchises are available to a limited number of dealers who can measure up to Stewart-Warner Standards and want to start Sound Business Building.

STEWART-WARNER SPEEDOMETER CORPORATION
1834 DIVERSLY PARKWAY - CHICAGO

Stewart-Warner



Prices are slightly higher West of the Rockies

Tune in Stewart-Warner Station WBBM, 226 Meters

Mon. - 12-3 a.m., 6-7 p.m. Fri. - - - - 8-10 p.m.
 Tues. - - - - 9-12 p.m. Sat. - 8-9:30 p.m., 11-2 a.m.
 Wed. - 8-10 p.m., 12-2 a.m. Sun. - 4-6 p.m., 8-10 p.m.
 Thur. - - - - 8-10 p.m. CENTRAL STANDARD TIME

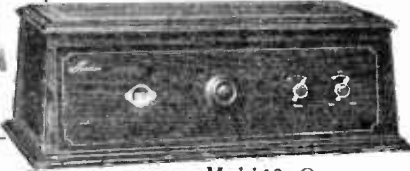
TWELVE MILLION PEOPLE ARE TODAY USING STEWART-WARNER PRODUCTS

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

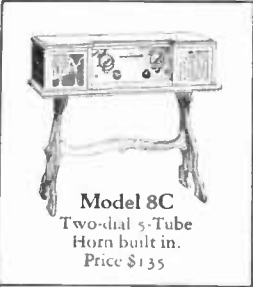


Model 10S
Overtone
Single-dial 6-Tube
Horn built in.
Price \$200

Two Outstanding Advantages



Model 10 - Overtone
Single-dial 6-Tube Receiving Set.
Price \$155.



Model 8C
Two-dial 5-Tube
Horn built in.
Price \$135

1. Perfect Reproduction of the overtones makes a supremely beautiful tone.
2. The highly efficient one-dial control requires no auxiliary adjusters.

PFANSTIEHL RADIO CO.
Dept. P, 11 S. LaSalle St., Chicago

SETS, Vacuum Tube Continued

- Atec—see Able Tool & Engineering Co.
- Atlas-Colonial Corp., East Ave. & Tenth St., Long Island City, N. Y. "Colonial"
- Atwater Kent Mfg. Co., 4700 Wissahickon Ave., Philadelphia, Pa.
- Audio-Tone Radio Co., 132 Nassau St., New York, N. Y.
- Aurophone — see Farmer's Wireless Telephone Co.
- Aurora, Inc., Main St. & Broadway, Aurora, Ill.
- Auto Indicator Co., 209 Ottawa Ave., N. W., Grand Rapids, Mich. "Ad-a-unit"
- Automatic Radio Mfg. Co., 28 Cross St., Boston, Mass. "Blue Bird"
- Auto Metal Products Co., 432 E. 71st St., New York, N. Y.
- Autometal Corp., 311 Falls St., Niagara Falls, N. Y. "Aragain"
- Autophone Mfg. Corp., 324 E. 23d St., New York, N. Y. "Pritchard-Roever"
- Aztec—see California Radio Corp.
- B-Metal Refining Co.** — see Star Crystal Co.
- Baby Grande — see Marwol Radio Corp.
- Baird Radio & Mfg. Co., 152 Summer St., Boston, Mass.
- Baker-Smith Co., New Call Bldg., San Francisco, Cal. "Sylfan" (Sole Distributors hawken, N. J.)
- Baltimore Hub-Wheel & Mfg. Co., 222 N. Gay St., Baltimore, Md. "Hubco Baby Grand" "Hubco Super-Five"
- Barley's Radio Co., 135 Liberty St., New York, N. Y.
- Barfield Radio Co., 13 Tillary St., Brooklyn, N. Y.
- Barnett-Lloyd Co., 17 N. La Salle St., Chicago, Ill. "Hi-Power"
- Barrett & Paden, 1314 Sedgwick St., Chicago, Ill. "B. & P."
- Bat-Ry-Les — see Batteryless Radio Corp.
- Batteryless Radio Corp., 116 W. 65th St., New York, N. Y. "No-Bat-Ry" "Bat-Ry-Les"
- Bauman Co., Warren, J., Lock Haven, Pa. "Super-lation"
- B-D Jr. — see Browning-Drake Corp.
- B-D Sr. — see Browning-Drake Corp.
- Beacon Radio Mfg. Co., 323 Berry St., Brooklyn, N. Y. N. Y. "Trinity"
- Bear Cat—see Wells Radio Mfg. Co.

The Trade Mark  of Quality

EAGLE BALANCED NEUTRODYNE RECEIVER



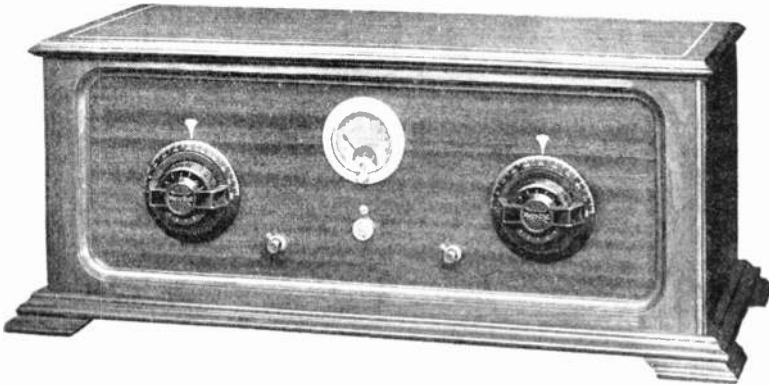
The Popular 5-Tube Eagle

The New Model F Eagle Balanced Neutrodyne Receiver is beautifully designed and built to a standard. Mechanically and electrically we know it to be the finest set in America. Handled only by reputable dealers. Write for our selling plan.

EAGLE RADIO CO., Boyden Place, Newark, N. J.

Licensed by Independent Radio Mfrs. under Hazeltine Patents 1,458,060 Inc. March 27, 1923, and 1,489,228, April 4, 1924. Other Patents Pending.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



“There is Absolutely No B-Battery Current in the Speaker Circuit”

In the Jewett Receiver, original and exclusive means have developed clarity of reception to a new degree of perfection.

The most striking advance over conventional design is in the Jewett Audio Circuit which, by use of Jewett Clarifiers, shunts all B-Battery current from the speaker circuit, thus preventing distortion, eliminating self-made noises, and confining static to that which prevails on the exact wave length to which the receiver is tuned.

This elimination of noise gives unique character and volume to Jewett reception from nearby or faraway stations.

Improved five-tube, induction-tuned R. F. circuit operating from indoor or outdoor aerial—two-dial tuning with Jewett Micro-Dial equipment—special Jewett A and B meter—pilot light uses standard flash light bulb and operates on current which would otherwise be dissipated by rheostat—two point volume control—tube compensator permits maximum performance on wet or dry cell tubes—cabinet finest mahogany in new Clairmount finish—panel special X-Ray grade Bakelite mahoganized to match cabinet—hardware in gold—in appearance freely pronounced the most richly handsome receiver commercially built. Over all dimensions 28-13 16 x 13-5 8 x 11-3 8 inches. Shipped in double air-cushion cartons, with finish protected by oiled paper envelopes. Price, \$140; west of the Rockies and in Canada, slightly more.

JEWETT RADIO & PHONOGRAPH COMPANY

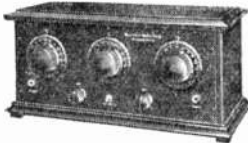
Operating Radio Broadcasting Station W J R

533 6 Telegraph Road

Pontiac, Michigan

JEWETT

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



Made to meet a popular demand

This new Recepton, Straight Line Five, embodies all the latest refinements and theories of the best radio engineers of the country. It is enclosed in a solid mahogany cabinet, hand rubbed and with Bakelite panel. It logs all stations easily and brings in distance with remarkable volume. List price for set illustrated is only \$60. Unusual quality for the price. Write us for details.

RECEPTON RADIO CORPORATION
S. W. Cor. 17th and Woods Sts., Philadelphia, Pa.

*A Manufacturer in Indiana
says about the Directory:*

"It certainly is a great help to the purchaser of Radio Material."

This is the new Model "B" A five-tube radio frequency receiver

LIST PRICE

\$47⁵⁰

without accessories



DESCRIPTION

Light colored Mahogany Cabinet ebony edges, three-ply veneer walnut front panel 7 1/2 x 19-in.

The first essential to big sales is a price that enables the biggest number of people to buy, and performance which will give satisfaction to the eventual consumer.

The "Distantone Five," Model A and Model B, at the remarkably low price of \$37.50 and \$47.50, are without question the biggest radio value out of the entire field.

Yet price is not the only dominant factor behind Distantone's vast sales.

Distributors wanted in some territories

DISTANTONE RADIOS, INC.
LYNBROOK, LONG ISLAND, N. Y.

Distantone *Five*

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

SETS, Vacuum Tube Continued

- Beaver Electric Corp., 35 York St., Brooklyn, N. Y. "Beavertone"
- Beavertone — see Beaver Electric Corp.
- Bechaud Radio Laboratories, 457 W. 11th St., Fond du Lac, Wis. "Master Dyne"
- Bee-Zee Products Co., 511 Chapel St., New Haven, Conn.
- Belle-Claire—see R. E. Radio Co.
- Berstan Radio Products Co., 329 Dwight St., Springfield, Mass.
- Bestone—see Hyman & Co.
- Betta-Tone Radio Co., Underwood Bldg., San Francisco, Cal.
- Better Radio Products, 2625 S. Walnut St., Muncie, Ind. "Melody"
- Biddinger, Chas. A., 17 Odell Ave., Yonkers, N. Y.
- Big Six Radio Co., 567 Broadway, New York, N. Y. "Ortho"
- Biltmore Radio Co., 94 Green St., (Jamaica Plain), Boston, Mass.
- Birnbach Radio Co., 370 Seventh Ave., New York, N. Y.
- Blackburn Mfg. Co., 330 Encino (Alamo Heights), San Antonio, Tex. "Crimp-O-Dyne"
- Blair Radio Laboratories, 368 Sixth Ave., New York, N. Y.
- Blizotis Radio Co., 308 Halsey St., Newark, N. J.
- Blue Bird — see Automatic Radio Mfg. Co.
- Blue Seal Mfg. Co., 1406 S. Michigan Blvd., Chicago, Ill. "Cincodyne"
- Blue Streak Radio Co., 53 W. Jackson Blvd., Chicago, Ill.
- Boissonnault Co., G., 865 Canal Pl., New York, N. Y. "Whitstone"
- Bosserman Radio Laboratories, 1803 Post St., San Francisco, Cal.
- Boston Radio Mfg. Co., 117 Water St., Boston, Mass. "Porto - Dyne" "General Five"
- Bosworth Electric Mfg. Co., Main & Lexington Aves., (Norwood) Cincinnati, Ohio
- B. & P.—see Barrett & Paden
- Brandels Electric Mfg. Corp., 1841 Broadway, New York, N. Y.
- Branston, Chas. A., 813 Main St., Buffalo, N. Y.
- Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.
- ✓ Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "Counterphase" See advertisements, pages 49, 127, 133 and 171.
- Brenard Mfg. Co., Iowa City, Iowa. "Heraldine De Luxe"



*The Only New Circuit
of the Year—*

and the greatest of all time—

The B-T Counterphase

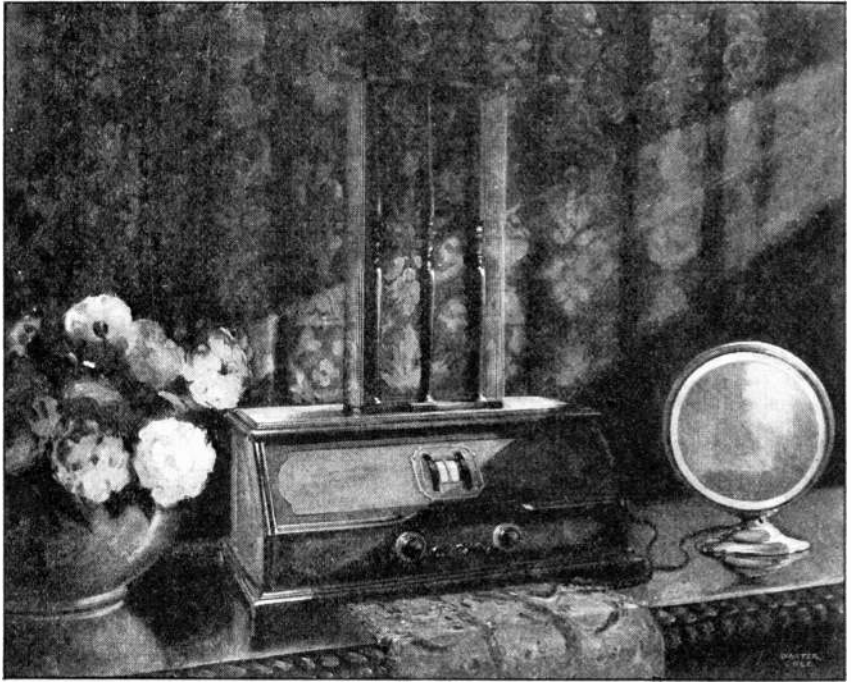
No wonder they all want to build it. Your stock won't last long when the fans hear that it beats the "NAMELESS."

BREMER-TULLY MFG. CO.
532 S. Canal St., Chicago, Illinois

**SETS, Vacuum Tube
Continued**

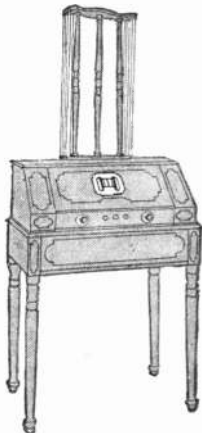
- Brown Radio Mfg. Co., 675 Wyoming Ave., Kingston, Pa. "Thoroboro"
- Brown Teletone—see Standard Radio & Electric Co.
- Browning-Drake Corp., 353 Washington St., Brighton, Mass. "B-D, Jr." "B-D, Sr."
- Bruno Radio Corp., 222 Fulton St., New York, N. Y. "Powertone"
- Bryant Radio Tube Exchange, 453 Washington St., Boston, Mass.
- Buckeye Electric Manufacturers, South Silver Leaf St., Gladwin, Mich.
- Buckingham Radio Corp., 2437 Indiana Ave., Chicago, Ill.
- Buckwalter Radio Corp., 2632 Prairie Ave., Chicago, Ill. "Supertone"
- Button, Paul H., 6239 Dix Ave., Detroit, Mich. "Duodyne"
- B. W. Battery & Radio Corp., 824 Ninth Ave., New York, N. Y.
- Cadillac Radio Mfg. Co., 5940 Second Blvd., Detroit, Mich. "Amplola"
- Caladyne Radio Co., New Chronicle Bldg., San Francisco, Cal.
- California Radio Corp., 120 Finger Ave., Redwood City, Cal. "Aztec"
- Californian Radio Co., Pomona, Cal. "Consolette"
- Cameo—see General American Radio Mfg. Corp.
- Cardinola Radio Corp., 339 N. Capitol Ave., Indianapolis, Ind.
- Carol-Dyne — see South-eastern Radio Corp.
- Carillon Radio Co., Essex, N. Y.
- Case — see Indiana Mfg. & Electric Co.
- Case Toy & Sales Co., 7250 Kelley St., (Homewood Sta.) Pittsburgh, Pa.
- Celeste—see Keller, Norman B.
- Central Station Equipment Co., 114 Liberty St., New York, N. Y.
- Champion Radio Co., 13223 Detroit Ave., Lakewood, Ohio
- Champion Radio Products Co., 1400 E. 47th St., Chicago, Ill.
- Chatham Radio Corp., Chatham, N. J. "Hy-Pex"
- Chelsea Radio Co., 150 Fifth St., Chelsea, Mass. "Regenodyne"
- Chieftain Radio Corp., Diverssey Boulevard Bridge, Chicago, Ill.
- Cincodyne—see Blue Seal Mfg. Co.
- Circulex Radio Co., Wulstin Bldg., Indianapolis, Ind.
- Claire Mfg. Co., 6742 Yale Ave., Chicago, Ill. "Ariel" "Layton"
- Clapp-Eastham Co., 139 Main St., Cambridge, Mass. "Radak"
- Claradyne—see Crouch-Wilson & Co.
- Claratone—see Equitable Radio Corp.
- Clearbrook — see Helges Brothers
- Clearfield—see Sherman Radio Mfg. Corp.
- Cleartone Radio Co., 2427 Gilbert Ave., Cincinnati, Ohio "Goldcrest Clear-O-Dyne"
- Cleveland Automobile Accessories Co., 7812 Carnegie Ave., Cleveland, Ohio. "Supertone"
- Cleveland Products Co., 714 Huron Rd., Cleveland, Ohio
- Cole Battery Sales Corp., 2435 Indiana Ave., Chicago, Ill.
- Colonial — see Atlas-Colonial Corp.
- Colonial Radio Corp., East Ave. & Tenth St., Long Island City, N. Y.
- Combidyne — see Wolverine Radio Co.
- Compendyne—see Singer Co.
- Conce. dyne—see Jones Electric & Radio Mfg. Co.
- Concert Grande—see Concert Radiophone Co.
- Concert Radiophone Co., 1938 Euclid Ave., Cleveland, Ohio "Concert Grande"
- Concertola Radio Shop, 15 Tompkins St., New York, N. Y.
- Concourse Electric Co., 30 Church St., New York, N. Y.
- Consolette — see Californian Radio Corp.
- Consomello Grand—see Mazda Radio Mfg. Co.
- Continental Radio & Mfg. Co., 211 N. Third St., W., Newton, Iowa.
- Corcoran Lamp Co., Thos. J., 4890 Spring Grove Ave., Cincinnati, Ohio.
- Cosmopolitan Phusiformer Corp., 15 W. 18th St., New York, N. Y.
- Coto-Coil Co., 87 Willard Ave., Providence, R. I. "Symphonic"
- Counterphase—see Bremer-Tully Mfg. Co.
- Country Gentlemen—see National Radio Mfg. Co.
- Crescent Radio Mfg. Co., 1026 Second Ave., S., Minneapolis, Minn. "Crescentyne"
- Crescent Radio Mfg. Co., 35 W. 19th St., New York, N. Y.
- Crescentyne — see Crescent Radio Mfg. Co.
- Crimp-O-Dyne—see Blackburn Mfg. Co.
- Crosley Radio Corp., 732 Sassafras St., Cincinnati, Ohio
- Crouch-Wilson & Co., 28 Broad St., Oneonta, N. Y. "Claradyne"
- Culver-Stearns Mfg. Co., 53 Grafton St., Worcester, Mass. "Lloyd C. Greene"
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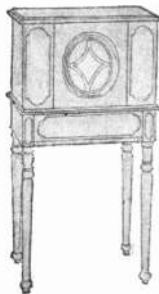


Radiola 25, (picture above with Loudspeaker Model 100), a six-tube uni-control Super-Heterodyne, that uses the new power tube. It has space in the cabinet for dry batteries, but can be adapted for use with Loudspeaker Model 104, for complete operation on 50 or 60 cycle, 110 volt A.C. lighting circuit. With 6 Radiotrons. List . . . \$165

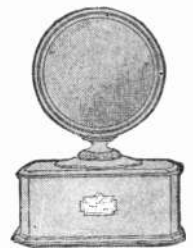
New principles in radio



Radiola 28, eight-tube uni-control Super-Heterodyne, extremely selective. It gives great volume on dry batteries, or if used with the Model 104 Loudspeaker, it can be adapted for use without batteries on any 50 or 60 cycle, 110 volt A. C. lighting circuit. With 8 Radiotrons List \$260



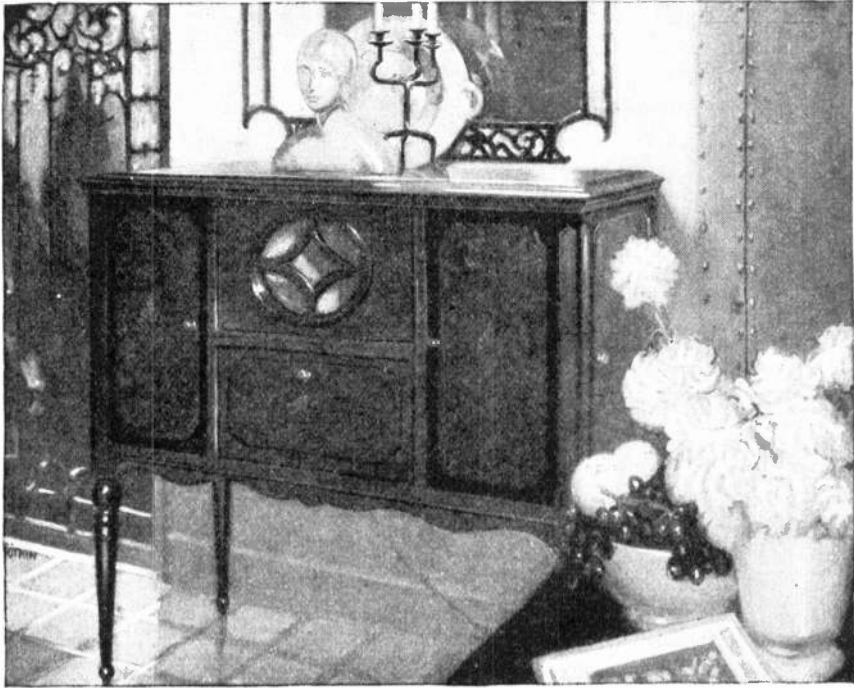
Radiola Loudspeaker, Model 104, has volume, range, and amazing acoustical fidelity never before achieved. Built on an entirely new principle. With Radiolas 25 or 28, it can be made to replace all batteries, operating entirely from 50 or 60 cycle 110volt, A.C. lighting circuit. Replaces "B" batteries only with other sets. With all tubes. . List \$245 A. C. Package for adapting Radiolas on A. C. drive. List . . . \$35



Radiola Loudspeaker, Model 102, the cone type, with a Uni-Rectron, for super-power, and for operation from a 50 or 60 cycle, 110 volt A. C. lighting circuit. Price complete . . . \$140

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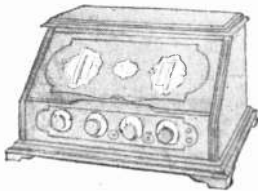
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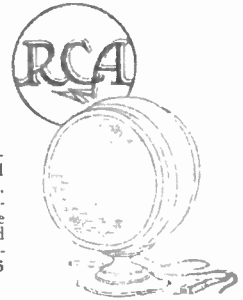
Radiola 30, a beautifully cabined eight-tube Super-Heterodyne, with uni-control. It contains the new cone type Loudspeaker, Model 102, and a loop—needs no antenna or batteries, but operates on the 50 or 60 cycle, 110 volt A. C. lighting circuit. It is remarkable for faithful reproduction of tone, and is capable of great power. Entirely complete List \$575

developed by **RCA**

Radiola 20, an entirely new five-tube tuned radio frequency set. Antenna type, with the new dry battery power Radiotron. Without accessories. List \$102.50 With 5 Radiotrons. List \$115



Radiola Loudspeaker, Model 100, RCA cone type, achieving new clarity and far wider tone range. Can be used with any radio receiver. List . . . \$35



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- Day-Fan—see Dayton Fan & Motor Co.
- Dayton Fan & Motor Co., Dayton, Ohio. "Day-Fan"
- Deem Radio Products Corp., 177 Greenwich St., New York, N. Y.
- De Exer—see Amplex Instrument Laboratories
- Defiance Radio & Electric Co., 1021 S. 12th St., Tacoma, Wash. "Diamonola"
- De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J. "Radio-Phone"
- Detrickson Radio Co., 121 S. Third St., St. Joseph, Mo.
- ✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. "Reaetodyne." See advertisement, page 50.
- Delano—see Modernola Co.
- De Luxe—see Luxem & Davis Co.
- Derby Wireless Co., Derby, Conn.
- Deresnadyne—see Andrews Radio Co.
- ✓DeWitt-LaFrance Co., Cambridge, Mass. "Superadio" See advertisement, page 85.
- Dexter Metal Mfg Co., 10 S. 18th St., Philadelphia, Pa.
- Dial Less Radio Corp., 115 Federal St., Boston, Mass.
- Diamadyne — see Norbert Radio Co.
- Diamond T Radio Manufacturers, 615 Crescent St., South Bend, Ind.
- Diamonola — see Defiance Radio & Electric Co.
- Diana Radio Co., 1425 S. Michigan Ave., Chicago, Ill.
- Diana — see Radio Buyers Syndicate.
- Dimmock-Bogart Radio Inc., 137th St. & Third Ave., New York, N. Y. "Arionola"
- ✓Distantone Radios, Inc., Lynbrook, L. I., N. Y. See advertisement, page 132.
- Doleres—see Goerdes Co.
- DominAire — see MacLaren Mfg. Co.
- Doron Bros, Electric Co., 325 N. B. St., Hamilton, Ohio. "Equidyne" "Equidoron"
- Dray Radio Laboratory, 6 E. Lake St., Chicago, Ill.
- Drexel Radio Mfg. Co., 804E. 43d St., Chicago, Ill.
- Dumke Radio Co., 1618 Howard St., Chicago, Ill. "Du-Ra-Co"
- Dungan - Sternfield Radio Sales, 25 N. Dearborn St., Chicago, Ill.
- Dunn Mfg. Co., Clarinda, Iowa. "Kisonet"
- Duodyne—see Button, Paul H.
- Duodyne—see Globe Electric Co.
- Duodyne — see Guarantee Radio Co.
- Duotone Radio Corp., Industrial Trust Bldg., Wilmington, Del. "Duotrola"
- Duotrola—see Duotone Radio Corp.
- Du-Ra-Co—see Dumke Radio Co.
- Durrant Radio, Ltd., 52 Vanderbilt Ave., New York, N. Y. "R-D-X"
- Dymac—see Electrical Products Mfg. Co.
- ✓Eagle Radio Co., Boyden Pl., Newark, N. J. "Eaglet" See advertisement, page 130.
- Eaglet—see Eagle Radio Co.
- Eaton-Edwards Radio Co., Sag Harbor, L. I., N. Y. "Melodyne"
- Echo — see Waugh Electric Mfg. Co.
- Echophone Radio, Inc., 1120 N. Ashland Ave., Chicago, Ill.
- Ecodyne Radio Co., Irwin, Pa.
- Edeco Mfg. Co., 5816 S. Lowe Ave., Chicago, Ill. "Harmony"
- Edison Radio Corp., 1429 S. Michigan Ave., Chicago, Ill. "Tiffany"
- Eidson Battery Mfg. Co., 2729 Ogden Ave., Chicago, Ill.
- Elsemann Magneto Corp., 165 Broadway, New York, N. Y.
- Electradyne—see Foreign & Domestic Commodities, Inc.
- Electric Machine Corp., Indianapolis, Ind. "Elmco"
- Electric Service Co., Morris, Ill. "Escodyne"
- Electric Service Shop, Bradford, Ill. "Simpli-Dyne"
- Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"
- Electrical Research & Mfg. Co., Waterloo, Iowa. "Superioridyne" "Superiorflex"
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Eria Circloid Five"
- Electrola—see American Specialty Co.
- Elektrik—see Miessner Radio Corp.
- Elgin Radio Supply Co., 207 E. Chicago St., Elgin, Ill. "Super-Reinartz"
- Eling Co., R. W., 7847 S. Michigan Ave., Chicago, Ill.
- Elite Radio Stores, 55 Hillman St., New Bedford, Mass. "Tzigan"
- Elkay — see Langbein-Kaufman Radio Co.
- Elmco—see Electric Machine Corp.
- Emerson Radio & Phonograph Corp., 309 Sixth Ave., New York, N. Y.
- Emmons-Premier — see Illinois Radio Appliance Co.
- Empire—see Grimes, Inc.
- Empire Electric Mfg. Co., 25 Juneau Ave., Milwaukee, Wis.
- Empire Phono-Parts Co., 2261 E. 14th St., Cleveland, Ohio
- E & N Products Co., 1744 S. Ogden Ave., Chicago, Ill. "Sovereign"
- Equidoron—see Doron Bros. Electric Co.
- Equidyne—see Doron Bros. Electric Co.
- Equitable Radio Corp., Hughesville, Pa. "Clara-tone"
- Eria Circloid Five—see Electrical Research Laboratories.
- Eschner Co., 122 S. Michigan Ave., Chicago, Ill.
- Escodyne—see Electric Service Co.
- Essex Mfg. Co., 40 Lawrence St., Newark, N. J.
- Eureka Outlet Corp., 798 Southern Blvd., New York, N. Y. (Sole Distributors for Gold Medal Radio Corp., New York, N. Y.)
- Fada Neutrola—see Andrea, F. A. D.
- Fairview Electric Shop, 35 Fairview Ave., Binghamton, N. Y.
- Faraday Corp., 177 Church St., New Haven, Conn.
- Faraway Radio Co., 650 W. Third St., Cincinnati, Ohio
- Farmer's Wireless Telephone Co., 157 Chambers St., New York, N. Y. "Aurophone"
- ✓Farraud Mfg. Co., Thompson Ave. & Court St., Long Island City, N. Y. See advertisement, page 149.
- Fear, Ralph G., 809 N. Citrus Ave., Hollywood, Cal. "Fearless Simplex"
- Federal Radio Corp., Buffalo, N. Y. "Ortho-Sonic"
- ✓Federal Telegraph Co. (Merchandising Division), Woolworth Bldg., New York, N. Y. "Kolster" See Back Cover.
- Federal Telephone Mfg. Corp., Buffalo, N. Y.
- Ferguson, J. B., 41 E. 42d St., New York, N. Y.
- Fine-Arts—see Plaza Music Co.
- Flex-O-Dyne Co., 1674 Broadway, New York, N. Y.

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- Forbes — see Hearwell Electric Co.
- Foreign & Domestic Commodities, Inc., 121 N. Eighth St., Philadelphia, Pa. "Electradyne"
- Franklin Radio Co., 430 S. Green St., Chicago, Ill.
- Freed-Eisemann Radio Corp., Manhattan Bridge Plaza, Brooklyn, N. Y.
- Freeport Radio Corp., 11½ W. Stephenson St., Freeport, Ill. "ABC"
- Freshman Co., Chas., 240 W. 40th St., New York, N. Y.
- Frontinac—see Radio Service.
- Gardenhour, A. J., Arcade Bldg., Waynesboro, Pa. "Gar-Shear-Dyne"
- Gardner Laboratories, 511 E. Ninth St., Los Angeles, Cal.
- Garod Corp., Bellville, N. J.
- Gar-Shear-Dyne—see Gardenhour, A. J.
- General American Radio Mfg. Corp., 242 W. 55th St., New York, N. Y. "Cameo" "Jewel" "Vocelest"
- General Auto Works, 13 W. Eager St., Baltimore, Md.
- General Electric Co., 1 River Rd., Schenectady, N. Y.
- General Five — see Boston Radio Mfg. Co.
- Gilfillan Bros., 1815 W. 16th St., Los Angeles, Cal.
- Globe Electric Co., 658 Stinson Blvd., Milwaukee, Wis. "Duodyne"
- Goerdes Co., Fred M., 81 Mt. Prospect Ave., Newark, N. J. "Doleres"
- Gold Medal Radio Corp.—see Eureka Outlet Corp.
- Gold Star—see Kodel Radio Corp.
- Goldcrest Clear-O-Dyne—see Cleartone Radio Co.
- Golden-Leutz, Inc., Sixth & Washington Sts., Long Island City, N. Y.
- Golden West Radio Co., 7704 Santa Monica Blvd., Hollywood, Cal. "Padre, Sr." "Padre, Jr."
- Goldfinch—see Guthrie Co.
- Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.
- Gossard Radio & Wire Co., Belvidere, Ill.
- Goulding Mfg. Co., 405 Fourth St., Milwaukee, Wis.
- Grabves & Jones, 1911 E. Third St., Dayton, Ohio
- Great Western Radio Co., 1118 Harrison St., San Francisco, Cal. "Radyne"
- Grebe & Co., A. H., 109 W. 57th St., New York, N. Y.
- Green Seal — see Air-Way Electric Appliance Corp.
- Greenwich Radio Co., 185 Greenwich St., New York, N. Y.
- Grimes, Inc., David, 1571 Broadway, New York, N. Y. "Lincoln" "Empire"
- Grossman Mfg. Co., 5 S. Main St., Carrollton, Mo.
- Guarantee Radio Co., 1314 South 111th St., Los Angeles, Cal. "Duodyne"
- Guthrie Co., Cleveland St., Grafton, Ohio. "Goldfinch" "Nightingale"
- Haji Co., 739 Boylston St., Boston, Mass.
- Hall Radio Corp., Syracuse, N. Y. "Melodyne"
- Halldorson Co., 4745 N. Western Ave., Chicago, Ill.
- Hallock & Watson Radio Corp., 192 Park St., Portland, Ore. "Halowat"
- Halowat — see Hallock & Watson Radio Corp.
- Hammerlund-Roberts, 1182 Broadway, New York, N. Y.
- Harding Mfg. Corp., 1335 Main St., Buffalo, N. Y.
- Harmon & Sons Co., H. W., Grove City, Pa. "Harmonson"
- Harmonson—see Harmon & Sons Co.
- Harmony—see Edco Mfg. Co.
- Hartman Electrical Mfg. Co., 34 E. Fifth St., Mansfield, Ohio.
- Hayes Products Co., 1301 Fulton St., Grand Haven, Mich. "Octophase"
- Hearwell Electric Co., 53 Devonshire St., Boston, Mass. "Forbes"
- Heath Radio & Electric Co., 207 First St., Newark, N. J. "Radiant"
- Hect Radio Industries, 210 W. 54th St., New York, N. Y. "RaDy-namic"
- Heiges Brothers, Sharon, Pa. "Clearbrook"
- Hemco—see Richards & Co.
- Henderson Bros., 93 Federal St., Boston, Mass.
- Herald Radio Co., 366 Cathedral Parkway, New York, N. Y.
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- Herzog Radio Corp., 722 Atlantic Ave., Brooklyn, N. Y.
- Hilltop Six—see Hitchcock-Hill Co.
- Hi - Power — see Barnett - Lloyd Co.
- Hitchcock-Hill Co., 38 W. Kinzie St., Chicago, Ill. "Hilltop Six"
- Hollywood—see Turner Radio Corp.
- Holmes & Co., F. A., Waterloo, Iowa.
- Howard Mfg. Co., 469 E. Ohio St., Chicago, Ill.
- Hubco Baby Grand — see Baltimore Hub-Wheel & Mfg. Co.
- Hubco Super-Five — see Baltimore Hub-Wheel & Mfg. Co.
- Hubert Bros., 1409 N. Broad St., Philadelphia, Pa.
- Hudson Terminal Radio & Electric Co., 30 Church St., New York, N. Y.
- Huntington - Williams Co., 1516 Sherman Ave., Evanston, Ill.
- Hyman & Co., Henry, 220 W. 14th St., New York, N. Y. "Bestone"
- Hy-Pex—see Chatham Radio Corp.
- Iiy-Tone Radio Co., 114 Lafayette St., New York, N. Y.
- I-C—see Interchange Co.
- Illinois Radio Appliance Co., 1426 E. 70th St., Chicago, Ill. "Emmons-Premier"
- Illinois Radio Engineers, Mt. Vernon, Ill.
- Illinois Radio Engineering Co., 3508 W. 26th St., Chicago, Ill.
- Imperial — see Richardson Radio, Inc.
- Imperial Economy Radio Co., 81 Cortlandt St., New York, N. Y.
- Incandescent Supply Co., 468 W. Broadway, New York, N. Y. "Newlands"
- Independent Radio Laboratories, 7015 Worley Ave., Cleveland, Ohio.
- Indian—see American Sales Co.
- Indiana Mfg. & Electric Co., Case Bldg., Marion, Ind. "Case"
- Inductrole—see Amrad Corp.
- Industrial Radio Service, Newton & Rust Aves., Saginaw, Mich. "Ultra-Marvel"
- Inland Radio Co., Spokane, Wash.
- Interchange Co., 24 Stone St., New York, N. Y. "I-C"
- International Babydyne—see Kenmar Radio Corp.
- International Radio Corp., Pacific Electric Bldg., Los Angeles, Cal. "Rotofor"
- Ion Radio Corp., 5 Hudson St., New York, N. Y.
- Irving Radio Corp., Skidmore & Culbertson Sts., Columbus, Ohio
- Isler Radio Co., Ray, 1021 Park Ave., Rochester, N. Y.
- Isobarad—see Walbert Mfg. Co.
- Jewell — see Marwol Radio Corp.
- Jewel—see General American Radio Mfg. Corp.
- Jewett Radio & Phonograph Co., 5686 Telegraph Rd., Pontiac, Mich. See advertisements, pages 31, 65, 131, 151, 153, 155 and 187.
- Jolley Radio Co., 297 Sixth Ave., New York, N. Y.

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- Jones Agencies, Ed., 640 Natoma St., San Francisco, Cal. (Sole Distributors for Radiograph Mfg. Co., San Francisco, Cal.)
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- Jones Radio Co., 334 Monroe St., Brooklyn, N. Y. "Harmonic"
- Jones Radio Mfg. Co., Jos. W., 40 W. 25th St., New York, N. Y.
- Just-Rite—see Air-Ola Radio Co.
- Kanawha Radio & Mfg. Co., 111 Charleston St., Charlestown, W. Va.
- Kardon Radio Corp., 294 E. 137th St., New York, N. Y. "Kardonstrip"
- Kardonstrip—see Kardon Radio Corp.
- Kehler Radio Laboratories, 901 West First St., Abilene, Kans. "Tranadyne"
- Keller, Norman B., 73 North Fair Oaks, Pasadena, Cal. "Celeste"
- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. "Wave-Master" See Inside Back Cover
- Kenman Electric Co., 296 Broadway, New York, N. Y.
- Kenmar Radio Corp., Sullivan Bldg., Danvers, Mass. "International Babydyne"
- Kennedy Co.—see Kennedy Corp.
- Kennedy Corp., Colin B., 2017 Locust St., St. Louis, Mo. (Sole Selling Agents for Colin B. Kennedy Co., St. Louis, Mo.) "Royal Sixteen"
- Kent—see Klitzen Radio Mfg. Co.
- Keystone Radio Co., College Ave. & Craig St., Greenville, Pa.
- Keystone Radio Laboratories, Inc., 4245 Lincoln Ave., Chicago, Ill.
- King—see WorkRite Mfg. Co.
- King Cole—see Anyllite Electric Co.
- King-Hinners—see King Quality Products, Inc.
- King Quality Products, Inc., Rano St., Buffalo, N. Y. "King-Hinners"
- King's Radio Sales Co., 1166 N. Kingshighway, St. Louis, Mo.
- Kirk Recreation—see Van Nuys Electric Co.
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- Klitzan Radio Mfg. Co., 21 Ottawa St., Grand Rapids, Mich. "Wolverine" "Kent"
- Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio "Gold-Star" "Logodyne"
- Kolster—see Federal Telegraph Co.
- Kor-Rad Co., 151 E. 58th St., New York, N. Y. "Lafayette"
- Lafayette—see Kor-Rad Co.
- Lafayette—see Mississippi Radio Co.
- Lakeside Supply Co., 73 W. Van Buren St., Chicago, Ill. "Lascodyne" "Microdyne"
- Lamb Co., F. Jos., 1938 Franklin St., Detroit, Mich.
- Lance—see Langhorne & Co.
- ✓Langbein - Kaufman Radio Co., Dept. O, 511 Chapel St., New Haven, Conn. "Elkay" See advertisement, page 114.
- Langhorne & Co., 11 N. Sixth St., Portland, Ore. "Lance"
- LangSing—see United Engine Co.
- Lark—see Mayo Radio Corp.
- Larkin Co., Buffalo, N. Y.
- Lasco—see Los Angeles Sales Co.
- Lascodyne—see Lakeside Supply Co.
- Layton—see Claire Mfg. Co.
- Le Bron Electrical Works, 318 S. 12th St., Omaha, Neb.
- Le Calle—see Radio Buyers Syndicate
- Lee Electric & Mfg. Co., 230 Eighth St., San Francisco, Cal. "Lemco"
- Leich Electric Co., Genoa, Ill.
- Lemco—see Lee Electric & Mfg. Co.
- Le Mor Radio, Inc., Asbury Park, N. J.
- Lenford, Inc., 408 W. 27th St., New York, N. Y.
- Lester's Radio Shoppe, 140 S. Spring St., Los Angeles, Cal.
- Levy & Co., Sol. J., 2185 Grand Concourse, New York, N. Y. "Solevy"
- Liberty Transformer Co., 123 N. Sangamon St., Chicago, Ill.
- Lincoln—see Grimes, Inc.
- Lincoln Radio Corp., 151 W. 28th St., New York, N. Y.
- Little Giant—see Q. T. Radio Products Co.
- Lloyd C. Greene—see Culver-Stearns Mfg. Co.
- Loe & Ostrum, Blanchardville, Wis. "Oslo"
- Logodyne—see Kodel Radio Co.
- Longoria—see Sterling Electrical Corp.
- Los Angeles Radio Supply Co., 1052 E. Vernon Ave., Los Angeles, Cal.
- Los Angeles Sales Co., 1211 W. Sixth St., Los Angeles, Cal. "Lasco"
- Luxem & Davis Mfg. Co., 6223 Broadway, Chicago, Ill. "De Luxe"
- Lytton, Inc., 14 E. Jackson Blvd., Chicago, Ill. "Wav-O-Dyne"
- Macadyne—see Radio Paradise
- Machine Specialty Co., Wildt St., Ann Arbor, Mich. "Arborphone"
- ✓Mack Co., 1940 W. Delancey St., Philadelphia, Pa. "Sincroflex" See advertisement, page 8.
- MacLaren Mfg. Co., 26 Park Pl., New York, N. Y. "DoninAire"
- Magnadyne—see Nassau Radio Co.
- Magnadyne—see Windsor Radio Corp.
- Magnatone—see Rauschenberg Radio Shop
- Magnavox Co., 2725 E. 14th St., Oakland, Cal.
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y. "Magnutrol"
- Magnutrol—see Magnus Electric Co.
- Main Co., W. F., Cedar Rapids Savings Bank Bldg., Cedar Rapids, Iowa
- Major Radio Mfg. Co., 344 E. 32d St., New York, N. Y.
- Manning-Hall Radio Service, 1819 Broadway, New York, N. Y.
- Maple Radio Shop, Mt. Vernon, Ohio. "Queen"
- Marathon Radio Corp., 133 First St., San Francisco, Cal.
- Marcophone—see Martin-Copeland Co.
- Marine Radio Mfg. & Electric Co., 1044 St. Nicholas Ave., New York, N. Y.
- Marlodyne—see Marlow Co.
- Marlow Co., Ernest, 613 Bangs Ave., Asbury Park, N. J. "Marlodyne"
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Marcophone"
- Martin Radio & Electric Co., 130 W. 52d St., New York, N. Y.
- Martinola—see Vibroplex Co.
- Marwol Radio Corp., 546 Broadway, New York, N. Y. "Baby Grand" "Jewel"
- Master—see Northland Radio Co.
- Master—see Orator Radio Corp.
- Master Dyne—see Bechaud Radio Laboratories
- Masterdyne—see Rexco Corp.
- Masterola—see R-C-Mills Radio Corp.
- Mayflower "5"—see Wheelock Mfg. Co.

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- Mayolian Radio Corp., 1991 Broadway, New York, N. Y.
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio "Consumello Grand"
- Meco—see Metropolitan Electric Co.
- Melco-Supreme—see Amsco Products, Inc.
- Mel-O-Dee Radio Mfg. Co., 2627 W. Lehigh Ave., Philadelphia, Pa.
- Melodian Laboratories, Independence, Mo. "Melody King"
- Melody—see Better Radio Products
- Melody King—see Melodian Laboratories
- Melodyne—see Eaton-Edwards Radio Co.
- Melodyne—see Hall Radio Corp.
- Melodyne Radio Co., 116 W. 65th St., New York, N. Y.
- Mell-O-Tone—see Tymeson Radio Co.
- Mercury Electric Corp., 48 W. Burnside Ave., New York, N. Y.
- Merrell Mfg. Co., 1312 Lagrange St., Toledo, Ohio
- Meteor Phonograph Co., Piqua, Ohio
- Metropolitan Electric Co., Fine Arts Bldg., Des Moines, Iowa. "Meco"
- Metropolitan Engineering Service Co., 43 Tremont St., Boston, Mass. "Veriphone"
- Microdyne—see Apex Electric Mfg. Co.
- Microdyne—see Lakeside Supply Co.
- Midwest Radio Co., 410 E. Eighth St., Cincinnati, Ohio "Miraco"
- Miessner Radio Corp., 34 35th St., Brooklyn, N. Y. "Electric"
- Mikado—see Splittorf Electrical Co.
- Minerva Radio Co., 827 Irving Park Blvd., Chicago, Ill.
- Minuet—see Thompson Mfg. Co.
- Minute Man—see Pathe Phonograph & Radio Corp.
- Miraco—see Midwest Radio Co.
- Mirro-dyne—see Radio Service Parlors
- Mississippi Valley Radio Co., 203 Pine St., St. Louis, Mo. "Lafayette"
- Mizpah Radio Co., 30 Church St., New York, N. Y. "Harmonic"
- Modernola Co., Johnstown, Pa. "Delano"
- Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.
- Monarch Radio Corp., 111 W. Monroe St., Chicago, Ill.
- Monodyne—see National Airphone Corp.
- Monroe Radio Co., 16 S. Monroe St., Monroe, Mich. "Monrona"
- Monrona—see Monroe Radio Mfg. Co.
- Montrodyne—see Montrose Radio Laboratories
- Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y.; "M. R. L."; "Montrodyne"; "Montroset"
- Montroset—see Montrose Radio Laboratories
- Mo-Re-Co—see Morris Register Co.
- Morradyne—see Morrison Radiophone Co.
- Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa. "Mo-Re-Co"
- Morrison Radiophone Co., 305 Fairfield Ave., Bridgeport, Conn. "Morradyne"
- Morton & Borks, Stockton, Cal.
- M. R. L.—see Montrose Radio Laboratories
- Mu-Rad Radio Corp., 800 Fifth Ave., Asbury Park, N. J. "Transcontinental"
- Murdock Co., Wm. J., Dept. 98, Chelsea, Mass. See advertisement, page 128.
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa. "Ware"
- Mutual Radio Co., Stearns Rd., Wellesley, Mass.
- Mysto—see Berstan Radio Products Co.
- Nassau Radio Co., 60 Court St., Brooklyn, N. Y.; "Untune"; "Magnadyne"
- National Electric Co., Cedar Rapids, Iowa
- National Radio Mfg. Co., 406 N. Hudson St., Oklahoma City, Okla. "Country Gentlemen"
- Naylor Radio Corp., 48 W. Broadway, New York, N. Y. "Sterling-Five"
- Nazeley Co.—see Baker-Smith Co.
- Neo-Dyne—see Steinway Radio Corp.
- Nestor—see Pearson Division Electrical Research Laboratories.
- Neutrodyne—see Terry Electric Co.
- Neutrowound Radio Mfg. Co., 1721 Prairie Ave., Chicago, Ill.
- Newway—see Benson Engineering Co.
- New York Album & Card Co., 23 Lispenard St., New York, N. Y. "Nyaccoflex"
- Newlands—see Incandescent Supply Co.
- Newport Radio Corp., 250 W. 64th St., New York, N. Y.
- Niagara Furniture Co., Middleport, N. Y.
- Nightingale—see Guthrie Co.
- No-Bat-Ry—see Batteryless Radio Corp.
- Nocturne—see Splittorf Electrical Co.
- No-Dial—see Ohio Stamping & Engineering Co.
- Norbert Radio Co., 638 W. 160th St., New York, N. Y. "Diamadyne"
- Norco—see Northwestern Radio Mfg. Co.
- Norco, Jr.—see Northwestern Radio Mfg. Co.
- Norco, Sr.—see Northwestern Radio Mfg. Co.
- Northland Radio Co., Produce Exchange Bldg., Minneapolis, Minn. "Premier" "Master"
- Northwestern Radio Mfg. Co., 1556 E. Taylor St., Portland, Ore. "Norco"; "Norco, Jr." "Norco, Sr."
- Novadyne Radio Corp., 62 W. State St., Battle Creek, Mich.
- Nunn-Landon Co., 1115 Fourth St., Milwaukee, Wis.
- Nu-Tone Radio Co., Atlas Bldg., Salt Lake City, Utah
- Nyaccoflex—see New York Album & Card Co.
- Oard Radio Laboratories, Stockton, Cal.
- Obermiller, M. W., 230 Union Ave., Lynbrook, L. I., N. Y.
- Octo—see Streit Radio Corp.
- Octophase—see Hayes Products Co.
- Ohio Stamping & Engineering Co., Dayton, Ohio "No-Dial"
- Okay Radio Corp., Brazil, Ind.
- O'Neill & Co., E. Holman, 123 Summit St., Downers Grove, Ill.
- Operadio Corp., 8 S. Dearborn St., Chicago, Ill.
- Orator Radio Corp., 54th St. & Broadway, New York, N. Y. "Master" "Aristocrat" "Popular"
- Oriole—see W-K Electric Co.
- Oriole Five—see Roberts Radio Co.
- Orpheus—see Roth-Downs Mfg. Co.
- Ortho—see Big Six Radio Co.
- Orthodyne Radio Mfg. Co., 24 Wooster St., New York, N. Y.
- Ortho-Sonic—see Federal Radio Corp.
- Oslo—see Loe & Ostrum
- Ostermeier Radio & Electric Co., 1720 S. Douglas Ave., Springfield, Ill.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

SETS, Vacuum Tube Continued

- Overtone — see Pfanstiehl Radio Co.
- Ozarka, Inc., 120 W. Austin Ave., Chicago, Ill.
- Padre, Jr.—see Golden West Radio Co.
- Padre, Sr.—see Golden West Radio Co.
- Page—see R. B. Radio Co.
- Paramount Mfg. Co., Kansas City, Mo. "Serenader"
- Parker-McCrory Mfg. Co., 1406 Oak St., Kansas City, Mo. "Parmak"
- Parkin Mfg. Co., Grand Ave., San Rafael, Cal.
- Parla — see Pennsylvania Radio Laboratories
- Parmak — see Parker-McCrory Mfg. Co.
- Pathe Phonograph & Radio Corp., 20 Grand Ave., Brooklyn, N. Y. "Minute Man"
- Patterson Radio Corp., 229 S. Los Angeles St., Los Angeles, Cal. "Supreme"
- Paulson & Hoppie, San Fernando Bldg., Los Angeles, Cal.
- Pearl Radio Corp., 1033 Race St., Philadelphia, Pa.
- Pearson Division Electrical Research Laboratories, 1425 S. Michigan Ave., Chicago, Ill. "Nestor"
- Peel Radio Corp., 2207 Iowa St., Davenport, Iowa "Pelrad" "Pelradyne"
- Pelrad—see Peel Radio Corp.
- Pelradyne — see Peel Radio Corp.
- Penn C — see Pennsylvania Radio Mfg. Co.
- Penn Radio Co., Beavertown, Pa. "Penrad"
- Pennsylvania Radio Laboratories, 37th & Brandywine Sts., Philadelphia, Pa. "Parla"
- Pennsylvania Radio Mfg. Co., 507 Florence Ave., New Castle, Pa. "Penn C"
- Penrad—see Penn Radio Co.
- Perasco — see Perry Radio Supply Co.
- Perasco Kewpie — see Perry Radio Supply Co.
- Perasco Petit Grande — see Perry Radio Supply Co.
- Perflexdyne—see Moore Mfg. Co.
- Perry Radio Supply Co., 218 Washington Blvd., River Forest, Ill. "Perasco" "Perasco Kewpie" "Perasco Petit Grande"
- ✓Pfanstiehl Radio Co., Dept. P, 11 S. La Salle St., Chicago, Ill. "Overtone" Cataloged on page 130.
- Phenix Radio Corp., 114 E. 25th St., New York, N. Y. "Ultradyn"
- Phusiflex — see Stulte Radio Co.
- Pilot Electric Mfg. Co., 323 Berry St., Brooklyn, N. Y.
- Pioneer Radio Corp., 109 Pioneer Ave., Galesburg, Ill.
- Pittsburgh Radio Supply House, 963 Liberty Ave., Pittsburgh, Pa. "De Luxe"
- Plaza Music Co., 10 W. 20th St., New York, N. Y. "Fine-Arts"
- Pliodyne—see Golden-Leutz, Inc.
- Plio-6 — see Golden-Leutz, Inc.
- Plymouth Radio & Phonograph Co., Plymouth, Wis.
- Polydyne—see A-C Electrical Mfg. Co.
- Popular — see Orator Radio Corp.
- Porter, Frank R., 1320 Vermont Ave. N. W., Washington, D. C. "Superior"
- Porto-Dyne — see Boston Radio Mfg. Co.
- Port-O-Radio—see American European Radio Corp.
- Portola Radio Co., 440 Market St., Philadelphia, Pa.
- Ports Mfg. Co., 3305 E. Belmont Ave., Fresno, Cal. "Prmco"
- Power-Argus—see Argus Radio Corp.
- Powerola Radio Corp., 1845 Broadway, New York, N. Y. (Sole Distributors for Terminal Electric Co., New York, N. Y.)
- Powertone—see Bruno Radio Corp.
- Precl Radio Mfg. Co., 2158 Smead St., Toledo, Ohio "Superfive"
- Premier — see Northland Radio Co.
- Premier Radio Corp., Defiance, Ohio
- Press Radio Corp., 695 Broadway, New York, N. Y.
- Prima Products Corp., 12810 Penobscott Ave., Cleveland, Ohio
- Pritchard-Roever—see Automobile Mfg. Corp.
- Prmco—see Ports Mfg. Co.
- Q-R—see Robinson Specialty Co.
- Q. T. Radio Products Co., East Orange, N. J. "Little Giant"
- Queen — see Maple Radio Shop
- Queen Quality Radio Corp., Evansville, Ind.
- Radak—see Clapp-Eastham Co.
- Radiant—see Heath Radio & Electric Mfg. Co.
- Radio Accessories Co., 2429 S. Michigan Ave., Chicago, Ill.
- Radio Allied Manufacturers, Tribune Tower, Chicago, Ill. "Ramway"
- Radio Auto Distributors, 920 D St., N. W., Washington, D. C. "Airtone"
- Radio Buyers Syndicate, 1429 S. Michigan Ave., Chicago, Ill. "Le Calle" "Diana"
- Radio Center, 329 W. Baltimore St., Baltimore, Md. "Reiner"
- ✓Radio Corp. of America, New York, N. Y. "Radiola" "Radiola, Sr." See advertisements, pages 134, 135, inside Front Cover and Opposite Inside Back Cover
- Radio-Fone-O-Graf Co., 27 S. Broad St., Elizabeth, N. J.
- Radio Frequency Laboratories, Inc., Boonton, N. J. "R F L"
- Radio Industries Corp., 131 Duane St., New York, N. Y. "Rico-Dyne" "Rivoli" "Rivoli, Jr."
- Radio-Master Corp. of America, Bay City, Mich. "Simpliform"
- Radio Paradise, 325 S. Halstead St., Chicago, Ill. "Macadyne"
- Radio Products Corp., 3816 N. 28th St., Birmingham, Ala. "Superflex"
- Radio Receptor Co., 106 Seventh Ave., New York, N. Y. "Receptrad Multiflex"
- Radio Research Laboratories, 1600 N. Kansas St., Hastings, Neb. "Ultradyn"
- Radio-Rite Service Laboratories, 18 13th Ave., Newark, N. J. "Selectodyne"
- Radio Service, 802 South St., Peekskill, N. Y. "Frontinac"
- Radio Service Co., 337 South Western Ave., Los Angeles, Cal. "Angelus"
- Radio Service Parlors, Rex Bldg., Mt. Vernon, Ill. "Mirro-dyne"
- Radio Service Station, 25 S. Fourth Ave., Mt. Vernon, N. Y.
- Radio Telephone & Telegraph Corp., 25 W. 45th St., New York, N. Y. "Kismet"
- Radiocompact Co., A. P. Trust Bldg., Asbury Park, N. J. "Aristocrat"
- Radiodyne—see Western Coil & Electrical Co.
- Radiograph Mfg. Co. — see Jones Agencies
- Radiola—see Radio Corp. of America
- Radiola, Sr. — see Radio Corp. of America
- Radiophone—see De Forest Radio Co.
- Radiotel Mfg. Co., Bayshore, L. I., N. Y.
- Radisto Sales Co., Fulton Bldg., Pittsburgh, Pa.
- RadY-Namic—see Hect Radio Industries
- Radyn—see Great Western Radio Corp.
- Ragan-Gant Radio Mfg. Co., 15th St. & Troost Ave., Kansas City, Mo.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

SETS, Vacuum Tube Continued

- Rambler Six—see American Interstate Radio Service
- Ramway—see Radio Allied Manufacturers
- Randle Radio Co., 1725 Powers St., Cumminsville, Cincinnati, Ohio
- Ranger Laboratories, 100 Hudson St., New York, N. Y.
- Rapco—see Radio Accessory Products Co.
- Rauschenberg Radio Shop, 39 N. Mercer St., Greenville, Pa. "Magnatone"
- Ra-Vox Co., Casey, Ill.
- Ray-Dee-Artcraft Mfg. Co., 12 E. Central Ave., Redlands, Cal.
- Raydeluxe—see Schoonhoven, R. C.
- R. B. Radio Co., 117 W. 51st St., New York, N. Y. "Belle-Claire" "Page"
- R-C Mills Radio Corp., 41 E. 29th St., New York, N. Y. "Masterola"
- R-D-X—see Durrant Radio, Ltd.
- Reactodyne—see De Jur Products Co.
- ✓ Reception Radio Corp., S. W. Cor. 17th & Woods Sts., Philadelphia, Pa. See advertisement, page 132.
- Receptrad Multiflex—see Receptrad Receptor Co.
- Regenodyne—see Chelsea Radio Co.
- Regent Radio Corp., 15 Queens St., Long Island City, N. Y.
- Reichmann Co., 1725 W. 74th St., Chicago, Ill. "Thorola Isodyne"
- Reiner—see Radio Center
- Renwick, Frederick W., 511 Market St., Camden, N. J.
- Republic—see United States Factories
- Resas, Inc., 556 W. 52d St., New York, N. Y. "Tone-A-Dyne"
- Rexco Corp., 108 Greenwich St., New York, N. Y. "Masterdyne"
- R F L—see Radio Frequency Laboratories, Inc.
- Rich Mfg. Co., George H., 18th & Dauphin Sts., Philadelphia, Pa.
- Richards & Co., George, 557 W. Monroe St., Chicago, Ill. "Hemco"
- Richards Electric & Radio Service, 55 S. River St., Janesville, Wis. "CWR"
- Richardson Radio, Inc. Foster Ave. and Hulst St., Long Island City, N. Y. "Imperial"
- Rico-Dyne—see Radio Industries Corp.
- Rivoli—see Radio Industries Corp.
- Rivoli Jr.—see Radio Industries Corp.
- R-K Mfg. Co., 507 Mission St., San Francisco, Cal. "Weston"
- Robbins Radio Co., 230 W. Houston St., New York, N. Y.
- Roberts Radio Co., Henry C., 112 Trinity Pl., New York, N. Y. "Oriole Five."
- Robinson Specialty Co., 13 Walnut St., Keyport, N. J. "Q-R"
- Rodgers Radio Corp., 3737 Belmont Ave., Chicago, Ill.
- Roth-Downs Mfg. Co., 2324 University Ave., St. Paul, Minn. "Orpheus"
- Rotoform—see International Radio Corp.
- Royal Sixteen—see Kennedy Corp.
- Ruckelhaus, John C., 41 Commercial St., Newark, N. J. "Rutic"
- Russell Radio Corp., 1023 Cathedral St., Baltimore, Md.
- Rutic—see Ruckelhaus, John C.
- Salem Radio Co., 35 Church St., Salem, Mass.
- Schoonhoven, R. C., 310 Seneca St., Elgin, Ill. "Raydeluxe"
- Scout—see Sleeper Radio Corp.
- Sears Mfg. Co., 5213 Windsor Ave., Cleveland, Ohio "Torodyne"
- Seattle Radio Service, 546 N. 67th St., Seattle, Wash.
- Seery-Bartell Co., 324 S. Washington Ave., Lansing, Mich.
- Selectodyne—see Radio-Rite Service Laboratories.
- Serenader—see Sleeper Radio Corp.
- Serenader—see Paramount Mfg. Co.
- Shamrock Mfg. Co., 196 Waverly Pl., Newark, N. J.
- Sheldon Radio Co., 943 Wall St., Los Angeles, Cal.
- Sherman Radio Mfg. Corp., 114 E. 13th St., New York, N. Y. "Clearfield"
- Shirley's Radio Electric Shop, Carmen, Okla.
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich. "Signola"
- Signola—see Signal Electric Mfg. Co.
- Silvey Electric Co., 10 S. Canal St., Dayton, Ohio.
- Simon Radio Co., 557 Broadway, New York, N. Y.
- Simple Simon—see Tri-City Radio Electric Supply Co.
- Simpleform—see Radio-Master Corp. of America.
- Simplex Electrical Instrument Co., 261 E. Broadway, Milford, Conn.
- Simplex Radio Co., 1013 Ridge Ave., Philadelphia, Pa.
- Simplex Radio Co., Monroe & King Sts., Sandusky, Ohio
- Simpli-Dyne—see Electric Service Shop
- Sincroflex—see Mack Co.
- ✓ Singer Co., E., Dept. R.T.D., 40 Hudson St., New York, N. Y. "Compendy" See advertisement, page 127.
- Slagle Radio Co., 530 Masterson Ave., Fort Wayne, Ind.
- Sleeper Radio Corp., 430 Washington Ave., Long Island City, N. Y. "Scout" "Serenader" "Super-Symphonic" "Troubador"
- Solevy—see Levy & Co.
- Solex Electric Co., 451 Greenwich St., New York, N. Y.
- Somerset Radio Corp., 113 Broadway, Brooklyn, N. Y.
- Songbird, The, 137 Duane St., New York, N. Y.
- Sonora Phonograph Co., 279 Broadway, New York, N. Y.
- Southeastern Radio Corp., Winston-Salem, N. C. "Carol-Dyne"
- Sovereign—see E & N Products Co.
- Spielman Electric Co., 311 W. 59th St., New York, N. Y. "Air Pilot"
- Splittorf Electrical Co., 392 High St., Newark, N. J. "Mikado" "Nocturne"
- Square Deal Radio & Electric Co., 103 Leroy St., Fenton, Mich.
- Standard Radio Corp., 41 Jackson St., Worcester, Mass. "Standardyne"
- Standard Radio & Electric Co., 20 N. Seventh St., Ft. Smith, Ark. "Brown Telephone"
- Standard Corp., 427 E. 76th St., New York, N. Y.
- Standardyne—see Standard Radio Corp.
- Standish Mfg. Co., Myles, 2411 W. Broadway, Council Bluffs, Iowa
- Stanley Radio Co., 2947 Lorain Ave., Cleveland, Ohio
- Stanrad Corp., 427 E. 76th St., New York.
- Stanwood Electric Specialty Co., 1834 Broadway, New York, N. Y.
- Star Crystal Co., 527 Woodward Ave., Detroit, Mich. (Sole Distributors for B-Metal Refining Co., Detroit, Mich.)
- Star Radio Manufacturers, 808 South St., Philadelphia, Pa.
- Steinite Laboratories, Radio Bldg., Atchison, Kans.
- Steinmetz Wireless Mfg. Co., 5968 Baum Blvd., Pittsburgh, Pa.
- Steinway Radio Corp., 812 N. Franklin St., Chicago, Ill. "Neo-Dyne"
- Sterling Electrical Corp., 2711 Church Ave., Cleveland, Ohio. "Longora"
- Sterling Five—see Naylor Radio Corp.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

SETS, Vacuum Tube Continued

- ✓ **Stewart-Warner Speedometer Cor'n.**, 1834 Diversely Pkwy., Chicago, Ill. "Aeromaster" "Aeroking" See advertisement, page 129.
- Stiles Mfg. Co.**, 125 N. Quincy St., St. Louis, Mo. "T. R. F."
- Street Radio Co.**, 15 Park Row, New York, N. Y. "Octo"
- Stromberg-Carlson Telephone Mfg. Co.**, 1060 University Ave., Rochester, N. Y.
- Stulte Radio Co.**, 421 Atwater Rd., Milwaukee, Wis. "Phusifex"
- Sumter Radio Mfg. Co.**, Telephone St., Sumter, S. C.
- Sun Mfg. Co.**, 722 S. 26th St., Louisville, Ky.
- Sunbeam Radio Co.**, 1203 St. John's St., Lima, Ohio
- Super Antenna Co.**, Quincy, Ill.
- Super-Reinartz** — see Elgin auto Supply Co.
- Super-Symphonic** — see Sleeper Radio Corp.
- Superadio** — see DeWit-La France Co.
- Superdyne**—see Tuska Co.
- Superfive**—see Precel Radio Mfg. Co.
- Superflex**—see Radio Products Co.
- Superfone Radio Co.**, McKibben Bldg., Muskegee, Okla.
- Superior**—see Porter, Frank R.
- Superior**—see United Electric Co. of Chicago
- Superior-dyne**—see Electrical Research & Mfg. Co.
- Superlatone** — see Bauman Co.
- Superiorflex**—see Electrical Research & Mfg. Co.
- Superola Radio Co.**, 565 Broadway, New York, N. Y.
- Supertone** — see Buckwater Radio Corp.
- Supertone** — see Cleveland Automobile Accessories Co.
- Supreme** — see Patterson Radio Corp.
- Sweeney Radio & Electrical Co.**, Sweeney Bldg., Kansas City, Mo.
- Sylvan**—see Baker-Smith Co.
- Symphonic**—see Colo-Coil Co.
- Synchrophase**—see Grebe & Co.
- Sypher Mfg. Co.**, 1524 Fernwood Ave., Toledo, Ohio.
- Tanner Radio Co.**, C. D., 523 W. Washington St., Los Angeles, Cal. "Tannerflex"
- Tannerflex**—see Tanner Radio Co.
- Taylor Radio Co.**, 1213 Chestnut St., Philadelphia, Pa.
- Telephone Maintenance Co.**, 20 S. Wells St., Chicago, Ill.
- ✓ **Teleradio Engineering Corp.**, 490 Broome St., New York, N. Y. See advertisement, page 152.
- Teletone Corp. of America**, 449 W. 42d St., New York, N. Y.
- Terminal Electric Co.**—see Powerola Radio Corp.
- Terrace Radio Mfg. Corp.**, 26 Dock St., Yonkers, N. Y. "Timson"
- Terry Electric Co.**, 266 Devonshire St., Boston, Mass. "Neurodyne"
- Terry Electric & Mfg. Co.**, Goreville, Ill.
- T & H Radio Co.**, Anthony, Kans.
- Thermodyne Radio Corp.**, 1819 Broadway, New York, N. Y.
- Thomas & Simmermann**, 221 Spencer Ave., Marion, Ind.
- Thompson Mfg. Co.**, R. E., 30 Church St., New York, N. Y. "Minuet"
- Thoroboro**—see Brown Radio Mfg. Co.
- Thorola Isodyne**—see Reichmann Co.
- Tiffany**—see Edison Radio Corp.
- Tilman Radio Corp.**, Wabash, Ind.
- Timson**—see Terrace Radio Mfg. Corp.
- Tone-A-Dyne** — see Resas, Inc.
- Torodyne** — see Ainsworth Radio Co.
- Torodyne** — see Sears Mfg. Co.
- Tranadyne**—see Kehler Radio Laboratories
- Trans-Atlantic Radio Products Corp.**, 117 E. 24th St., New York, N. Y.
- Transcontinental** — see Murad Radio Corp.
- Trav-Ler Mfg. Co.**, 3337 N. Halsted St., Chicago, Ill.
- Trego Radio Mfg. Co.**, 1444 Chestnut St., Kansas City, Mo.
- T. R. F.** — see Stiles Mfg. Co.
- Triangle Electric Co.**, 160 W. Lake St., Chicago, Ill. "Apollo-Dyne"
- Trianola Radio Corp.**, 81 Tenth St., Brooklyn, N. Y.
- Tri-City Radio Electric Supply Co.**, Davenport, Iowa, "Simple Simon"
- Trinity** — see Beacon Radio Mfg. Co.
- Troubador** — see Sleeper Radio Co.
- True Tone Radio Mfg. Co.**, 186 N. La Salle St., Chicago, Ill.
- Turner Radio Corp.**, K. M., 1517 N. Wilton Pl., (Hollywood) Los Angeles, Cal. "Hollywood"
- Tuska Co.**, C. D., 83 Homestead Ave., Hartford, Conn. "Superdyne"
- Tustin Radio & Electric Co.**, 428 Sutter St., San Francisco, Cal.
- 20th Century Radio Co.**, Coca-Cola Bldg., Kansas City, Mo. "Air King"
- Twitshell Co.**, S. A., 1925 Western Ave., Minneapolis, Minn.
- Tymeson Radio Co.**, 21 Sawyer St., South Lancaster, Mass. "Mell-O-Tone"
- Tzigan** — see Elite Radio Stores
- UCO**—see Utica Compressor Co.
- U-Flex Mfg. Co.**, 1 S. 39th St., (West Phila.) Philadelphia, Pa.
- Ultradyn**—see Phenix Radio Corp.
- Ultradyn** — see Radio Research Laboratories
- Ultra-Marvel**—see Industrial Radio Service
- United Electric Co. of Chicago**, 9030 Commercial Ave., Chicago, Ill. "Superior"
- United Engine Co.**, 719 E. St. Joseph St., Lansing, Mich. "Lan Sing"
- United Manufacturing & Distributing Co.**, 9705 Cottage Grove Ave., Chicago, Ill.
- United Metal Stamping & Radio Co.**, 411 E. Pearl St., Cincinnati, Ohio
- United Radio Mfg. Co.**, 191 Greenwich St., New York, N. Y. "Victory"
- United Radio & Mfg. Co.**, Gary, Ind.
- United States Factories**, 417 S. Dearborn St., Chicago, Ill. "Republic"
- Uni-Tune**—see Nassau Radio Co.
- U S L Radio, Inc.**, Niagara Falls, N. Y.
- Utica Compressor Co.**, 819 Hamilton St., Utica, N. Y. "UCO"
- Valley Electric Co.**, 3157 S. Kingshighway, St. Louis, Mo. "Valleytone"
- Valleytone**—see Valley Electric Co.
- Van-Ashe Radio Co.**, Tenth & Pine Sts., St. Louis, Mo.
- Van Nuys Electric Co.**, Van Nuys, Cal. "Kirk Recreation"
- Van Staagen Radio Research & Mfg. Corp.**, 406 Main St., New Rochelle, N. Y.
- Veriphone**—see Metropolitan Engineering Service Co.
- Vesco Radio Co.**, 6428 E. 14th St., Oakland, Cal.
- Vibroplex Co.**, 825 Broadway, New York, N. Y. "Martinola"
- Victory**—see United Radio Mfg. Co.
- Victory Radio Electro Co.**, 559 Howard St., San Francisco, Cal.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

SETS, Vacuum Tube**Continued**

Viking Radio Laboratories, 435 N. La Salle St., Chicago, Ill.

Vitanola Talking Machine Co., American Furniture Mart Bldg., Chicago, Ill. "Vitaradio"

Vitaradio — see Vitanola Talking Machine Co.

Vlahos Radio Corp., Congress Hotel, Chicago, Ill. "Wonder" "Wonder, Jr."

Voceloste—see General American Radio Mfg. Corp.

Vogue—see Davis, Richard, T.

Voisometer Mfg. Co., Kirkwood, Mo.

Volotone Mfg. Co., Minerva, Ohio

Voltamp Electric Mfg. Co., 406 Jasper St., Baltimore, Md.

Walbert Mfg. Co., 945 Wrightwood Ave., Chicago, Ill. "Isotarad"

Wallace & Co., K. J., 520 Centre St., Brockton, Mass.

Ware — see Music Master Corp.

Waterbury Button Co., Waterbury, Conn.

Waugh Electric Mfg. Co., 25 N. Montgomery St., Trenton, N. J. "Echo"

Wav-O-Dyne — see Lytton, Inc.

Wave-Master — see Kellogg Switchboard & Supply Co.

Wells Mfg. Co., 114 S. Brooke St., Fond du Lac, Wis. "Arlington"

Wells Park Wonder Horn Mfg. Co., 4321 North Western Ave., Chicago, Ill.

Wells Radio Mfg. Co., 2710 N. Ashland Ave., Chicago, Ill. "Bear Cat"

Western Cable & Light Co., Baldwin, Wis.

Western Coll & Electrical Co., 318 Fifth St., Racine, Wis. "Radiodyne"

Weston—see R-K Mfg. Co.

Wheeler Mfg. Co., 970 Montana St., Chicago, Ill.

Wheelock Mfg. Co., West New York, N. J. "Mayflower 5" "Airtune"

White Beauty Electric Co., 4416 N. Western Ave., Chicago, Ill.

Whiteland Mfg. Corp., 1600 Chestnut Ave., Brooklyn, N. Y.

Whitestone — see Boissonault Co.

Wilcox Laboratories, 323 1/2 E. Michigan Ave., Lansing, Mich.

Wilkins Radio Co., 5317 Central Ave., Los Angeles, Cal. "Artac"

Windsor Radio Corp., 108 Washington Ave., N. S., Minneapolis, Minn. "Mag-nadyne"

Wippel-Raine Radio Co., 215 E. Pearl St., Cincinnati, Ohio

Wireless Corp. of America, 2301 W. Erie St., Chicago, Ill.

W-K Electric Co., 89 Middle St., Kenosha, Wis. "Orlole"

Wolverine—see Klitzen Radio Mfg. Co.

Wolverine Radio Co., 103 W. Atwater St., Detroit, Mich. "Combidyne"

Wonder—see Vlahos Radio Corp.

Wonder, Jr.—see Vlahos Radio Corp.

Wondertone Radio Mfg. Co., 18 Locust St., Battle Creek, Mich.

WorkRite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio "King"

World Electric Co., 976 S. Western Ave., Los Angeles, Cal.

World Radio Corp., 349 Washington St., Boston, Mass.

Wright De Coster Radio, Inc., 1466 Selby Ave., St. Paul, Minn. "Acme"

Zenth Radio Corp., 310 S. Michigan Ave., Chicago, Ill.

SHEET FIBRE—

see Fiber, Hard

SHEET MICA—

see Mica, Sheet

SHIELDING, Panel

Apollo Metal Works, La Salle, Ill.

Walker Mfg. Co., 247 Scott St., San Francisco, Cal.

SHORT CIRCUIT SIGNALS—

see Signals, Short Circuit

SIGNALS,**Short Circuit**

For indicating short circuits in receiving sets; For tube fuses — see Fuses, Tube

✓Mack Co., 1940 W. Delancey St., Philadelphia, Pa. "Mackontrol" See advertisement, page 8.

Mackontrol—see Mack Co.

SILENCERS,**Interference—**

see Traps, Wave

SILICON**CRYSTALS—**

see Crystals

SILK COVERED**WIRE—**

see Wire, Magnet

SILVER CONTACT POINTS—

see Points, Contact

SKINNERS, Wire—

see Tools, Wire Stripping

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Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric"

Clauss Shear Co., Fremont, Ohio

Disston & Sons, Henry (Tacony), Philadelphia, Pa.

Handy—see Acme Shear Co.

Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn.

Radio-Lectric — see Bridgeport Hardware Mfg. Corp.

Wiss & Sons Co., J., 33 Littleton Ave., Newark, N. J.

SHEET ALUMINUM—

see Aluminum, Sheet

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see Asbestos, Sheet

SHEET BRASS—

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Two EBY Profit Makers



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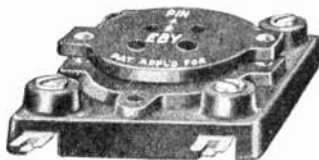
are standard equipment wherever a radio set is built. They have reached this position because they are superior in quality, perfectly packaged, adequately advertised and allow a fair margin of profit for everyone. *Your jobber has all of the 27 different markings.*

List Price 15c.

If your jobber can't accommodate you, write to us.

H. H. EBY MFG. COMPANY
4710 Stenton Ave., Philadelphia, Pa.

Eight out of ten of the leading radio receivers manufactured in America are factory equipped with EBY Products. When you sell them you are relying upon the judgment and tests of the most astute radio engineers in the world, and at the same time making a fair profit for yourself.



EBY QUALITY SOCKETS

This new socket provides a positive three point wiping contact at all times. An ingenious shock absorbing feature eliminates microphonic noises and acts as a guarantee against tube damage. These sockets will fit all tubes, including the marvelous new UX tubes.

List Price 60c.

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see Coils, Slide Tuning

SLIDERS, Tuning Coil

All-Point Mfg. Co., 2905 W. Euclid Ave., Detroit, Mich.

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Forman & Co., 366 Greenwich St., New York, N. Y.
"Un-X-Ld"

Hipco—see Hipwell Mfg. Co.

Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa.
"Hipco"

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Morse Co., Frank W., 289 Congress St., Boston, Mass.

United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio

Un-X-Ld—see Forman & Co.

SOCKET ADAPTERS—

see Adapters, Socket

SOCKET AERIALS—

see Plugs, Antenna

SOCKET MOUNTS—

see Mounts, Panel Socket

SOCKET PLUGS—

see Plugs, Antenna

SOCKET WRENCHES—

see Wrenches, Socket

SOCKETS, Composition—

see Sockets, Vacuum Tube

SNIPS, Metal—

see Shears and Snips, Metal

SOCKETS, Gang Vacuum Tube

Alex Co., 797 Greenwich St., New York, N. Y.

✓Alden Manufacturing Co., Dept. D6, Springfield, Mass. Cataloged on page 145.

Ballston Insulating & Composition Co., Ballston Spa, N. Y.

Benjamin Electric Mfg. Co., 128 S. Sangamon St., Chicago, Ill. "Cle-Ra-Tone"

Bestone—see Hyman & Co.

Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.

Cle-Ra-Tone—see Benjamin Electric Mfg Co.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

Guarantee Specialty Mfg. Co., 5100 Superior Ave., Cleveland, Ohio

Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.

Hyman & Co., Henry, 220 W. 14th St., New York, N. Y. "Bestone"

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Shamrock Mfg. Co., 196 Waverly Ave., Newark, N. J.

Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.

✓Silver-Marshall, 102 S. Wash Ave., Chicago, Ill. "S-M" See advertisement, page 173.

S-M—see Silver-Marshall

✓Toaz Engineering & Sales Co., 11703 Robertson Ave., Cleveland, Ohio. See advertisement, page 167.

United Radio Mfg. Co., 191 Greenwich St., New York, N. Y. "Victory"

Victory—see United Radio Mfg. Co.

Walhart Electric Mfg. Co., 308 Green St., Chicago, Ill.

Waterbury Button Co., Waterbury, Conn.

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see Sockets, Vacuum Tube

SOCKETS, Metal—

see Sockets, Vacuum Tube

SOCKETS, Molded—

see Sockets, Vacuum Tube

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Come to Headquarters

FOR

Sockets, Dials and Adapters

ADAPTERS



CONNECTORALDS

Connectoralds: The Na-Ald line of Connectoralds, the one complete line for all purposes, fit the new UX-120 and UX-112 Power Tubes to present sets without re-wiring. They function as adapters and provide cables for attaching the necessary B and C batteries without affecting the rest of the set.

List

- Na-Ald No. 420 and No. 920 Connectoralds \$1.25
For UX-120 Tubes in UV-199 sockets.
 - No. 420 holds tubes at an angle in Radiola Superheterodyne and Super VIII sets.
 - No. 920 holds tubes upright in other sets with UV-199 sockets.
 - Na-Ald No. 120 Connectorald \$1.25
For UX-120 Tubes and UV-201-A sockets
 - Na-Ald No. 112 Connectorald \$1.25
For UX-112 Power Tubes in all storage battery sets.
- So designed that tube is not raised in socket.

Adapters: The scientific design of the Na-Ald adapters insures utmost efficiency in operation. They are manufactured from Alden Processed Bakelite.

List

- Na-Ald No. 419-X Adapter 35c
For small UX Tubes in UV-201-A sockets.
- A simple bakelite fitting which clamps over the tube base and holds the tube in place.
- Na-Ald No. 421-X Adapter 75c
For UX Tubes in any WD-11 socket.
- Particularly for Radiola III and III-A sets.
- Na-Ald No. 429 Adapters 75c
For UV-199 Tubes in UV-201-A sockets.
- Na-Ald No. 999 \$1.00
For UX tubes in UV-199 sockets.
- This adapter makes the UV-199 sockets universal to take any desired tube.

Na-Ald line of Adapters and Connectoralds satisfies the demands of all customers.

Na-Ald Dials: There is a complete Na-Ald line of true-running Alden Processed Bakelite dials. Besides the black dial, there is also the famous Na-Ald

colored dials in Brilliant Tortoise, Malachite-Green, Garnet and Grain-Mahogany.

List

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- Brilliant Tortoise, \$3.00 — Other colors 2.50
- Na-Ald Vernier Dial No. 6044 \$1.50
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- Na-Ald Super de Luxe Dial — matches vernier 75c
- Colors 1.50
- Na-Ald three-inch Dial 50c
- Colors 1.00
- Na-Ald Knobs — Standard for 1/4 in. shaft
- No. K-3044, 2-9-16 in. diameter 35c
- No. K-3844, 1 1/2 in. diameter 20c
- Colors 50c

New Gang Mount Socket

The Na-Ald Gang mount fits all UX tubes and the UV-201-A tube. Its strip connections and special clips effect a vast simplification in the wiring of home sets and large economies in set manufacture. Gripping the tubes firmly at all times this socket stands up under long and hard usage. Its manufacture by the Na-Ald specialists insures high quality and efficiency. Quantity production makes possible the low price.

Na-Ald Sockets:

The Na-Ald sockets give a clean and perfect contact. Manufactured from Alden processed bakelite, they have high insulation qualities and low loss. Sockets are made in three mountings — regular binding post, cushion (marked S), and Rivet (marked R). The last is for manufacturers only.

List

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- Na-Ald No. 401-Small Space Socket 35c
- 401-S Cushion Mounting 50c
- 401-R Rivet Mounting 35c
- Na-Ald No. 411 Socket for WD-11 Tubes (No cushion mounting) 75c
- Na-Ald No. 499 Socket for UV-199 Tubes. All mountings 50c
- Na-Ald 481-X Socket for UX Tubes 35c
- 481-XR Rivet Mounting 35c

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ALDEN MANUFACTURING CO., Dept. D6, Springfield, Mass.

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SOCKETS, Single Vacuum Tube

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- Airgap Products Co., 188 N. J. R. Rd. Ave., Newark, N. J.
- Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"
- Ajax—see Philmore Mfg. Co.
- Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.
- ✓Alden Manufacturing Co., Dept. D6, Springfield, Mass. "Na-aid" Cataloged on page 145.
- Algonquin Electric Co., Poughkeepsie, N. Y. "Algo"
- Algo—see Algonquin Electric Co.
- ✓All-American Radio Corp., 4201 Belmont Ave., Chicago, Ill. See advertisement, page 161.
- American Hard Rubber Co., 11 Mercer St., New York, N. Y. "Radion"
- American Mechanical Laboratories, 285 N. Sixth St., Brooklyn, N. Y. "AML"
- AML—see American Mechanical Laboratories
- Amsco Products, Inc., 416 Broome St., New York, N. Y.
- Aristocrat—see Kurz-Kasch Co.
- Audion—see Splitdorf Electrical Co.
- Baker-Smith Co., New Call Bldg., San Francisco, Cal. (Sole Distributor for Bel-Canto Radio & Telephone Equipment Co., New York, N. Y.) "Hur-cu-lean"
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- Beaver Machine & Tool Co., 625 Third St., Newark, N. J.
- Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.
- Bel-Canto Radio & Telephone Co.—see Baker-Smith Co.
- Bell Mfg. Co., 11 Elkins St., Boston, Mass.
- Benjamin Electric Mfg. Co., 847 W. Jackson Blvd., Chicago, Ill. "Cle-Ra-Tone"
- Bennington Radio & Electric Mfg. Co., 522 Main St., Bennington, Vt. "Bremco"
- Bestone—see Hyman & Co.
- Bisby Mfg. Co., 54 Warren St., New York, N. Y.
- Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.
- Bremco—see Bennington Radio & Electric Mfg. Co.
- ✓Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "B-T." See advertisements, pages 49, 127, 133 and 171.
- Bruno Radio Corp., 221 Fulton St., New York, N. Y.
- B-T—see Bremer-Tully Mfg. Co.
- Buell Mfg. Co., 2975 Cottage Grove Ave., Chicago, Ill.
- Bull Dog—see Camfield Radio Mfg. Co.
- Bull Dog Grip—see Seiss Mfg. Co.
- Caldwell—see Knox Corp.
- Camfield Radio Mfg. Co., 829 Harrison St., Oakland, Cal. "Bull Dog"
- Case—see Indiana Mfg. & Electric Co.
- C-H—see Cutler-Hammer Mfg. Co.
- Champion Radio Products, Co., 1400 E. 47th St., Chicago, Ill.
- Chelsea Radio Co., 150 Fifth St., Chelsea, Mass.
- Cholten Electric Co., 4861 Stenton Ave., Philadelphia, Pa.
- Circle F. Mfg. Co., 10 Prince St., Trenton, N. J. "F"
- Cle-Ra-Tone—see Benjamin Electric Mfg. Co.
- Cleveland Instrument Co., 1988 E. 66th St., Cleveland, Ohio
- Cleveland Products Co., 714 Huron Rd., Cleveland, Ohio
- Compo-site, Inc., 207 Astor St., Newark, N. J. "Premier"
- Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn.
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- Coto-Coil Co., 87 Willard Ave., Providence, R. I.
- Cutler-Hammer Mfg. Co., Milwaukee, Wis. "C-H"
- De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.
- ✓DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
- Doran & Sons, James C., 150 Chestnut St., Providence, R. I.
- Durad—see Duraplate Co.
- Duraplate Co., Summerdale Ave. & Roosevelt Rd., Philadelphia, Pa. "Durad"
- Dutch Boy—see National Lead Co.
- Dymac—see Electrical Products Mfg. Co.
- Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y.
- ✓Eby Mfg. Co., H. H., 4710 Stenton Ave., Philadelphia, Pa. See advertisement, page 144.
- Electric City Novelty & Mfg. Co., 120 Odell St., Schenectady, N. Y. "Radio"
- Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"
- Erla—see Electrical Research Laboratories
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- Garod Corp., Belleville, N. J.
- General Porcelain Co., Camden Ave., S. E. Parkersburg, W. Va.
- ✓General Radio Co., Cambridge, Mass. See advertisement, page 47.
- Gillfillan Bros, 1815 W. 16th St., Los Angeles, Cal.
- Goodrich Rubber Co., B. F., Akron, Ohio
- Green Seal—see Air-Way Electric Appliance Corp.
- Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H" "Pussyfut"
- Haydon & Haydon, 73 Warren St., New York, N. Y.
- Heath Radio & Electric Co., 207 First St., Newark, N. J.
- Heinemann Electric Co., 1736 N. Fifth St., Philadelphia, Pa. "Sensory"
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- H & H—see Hart & Hegeman Mfg. Co.
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- K. B. Mfg. Co., 222 Eighth St., San Francisco, Cal.
- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Kenman Electric Co., 296 Broadway, New York, N. Y.
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- Kennedy Corp., Colin B., 2017 Locust St., St. Louis, Mo. (Sole Selling Agents for Colin B. Kennedy Co., St. Louis, Mo.)
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- Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio "Quality"
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- Liberty Screw Products Co., 383 Shrewsbury St., Worcester, Mass.
- Locke Radio Shop, Victor, N. Y.
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.
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- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio "Muzada"
- McKee Glass Co. Jeannette, Pa.
- Merrick Laboratories, Bloomfield, N. J.
- Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.
- Morse Co., Frank W., 239 Congress St., Boston, Mass.
- Morton & Borks, Stockton, Cal.
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.
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- Na-aid—see Alden Mfg. Co.
- Nagel Electric Co. W. G., 28 St. Clair St., Toledo, Ohio
- National Lead Co., 111 Broadway, New York, N. Y. "Dutch Boy"
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- Radio Television Co., 9410 St. Catherine Ave., Cleveland, Ohio
- Radion—see American Hard Rubber Co.
- Radio — see Electric City Novelty & Mfg. Co.
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- Stuart Products Corp., 663 W. Washington Blvd., Chicago, Ill.
- ✓Teleradio Engineering Corp., 490 Broome St., New York, N. Y. Cataloged on page 152.
- Terrace Radio Mfg. Corp., 26 Dock St., Yonkers, N. Y.
- Tillman Products Co., 187 W. Ninth St., Brooklyn, N. Y.
- ✓Toas Engineering & Sales Co., 11703 Robertson Ave., Cleveland, Ohio. See advertisement, page 167.
- Torrington Mfg. Co., 5 Franklin St., Torrington, Conn.
- Union Radio Corp., 124 Sussex Ave., Newark, N. J.
- United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio.
- United Radio Mfg. Co., 191 Greenwich St., New York, N. Y. "Victory"
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SOLDERING LUGS—

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SOLDERING SALTS—

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Bus-Wire

**SOLDERLESS LEAD-
IN CONNECTORS—**

see Connectors, Solderless
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**SPAGHETTI
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Advance Radio Mfg. Co., 1420 S. Michigan Ave., Chicago, Ill.

Airex Mfg. Co., 1259 Main St., Seattle, Wash.

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo. "Marveltone"

Alladin—see Simplex Radio Co.

Ambassador Sales Co., 108 Greenwich St., New York, N. Y.

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American Bosch Magneto Corp., Springfield, Mass. "Ambotone" "Junior Ambotone"

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Anpiola—see Cadillac Radio Mfg. Co.

✓Amplion Corp. of America, Suite 12, 280 Madison Ave., New York, N. Y. "Dragon," "Dragonfly" See advertisement, page 150.

Ampliphone—see Okay Radio Corp.

✓Apco Mfg. Co., (Radio Division), Providence, R. I. See advertisement, page 108.

Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ill.

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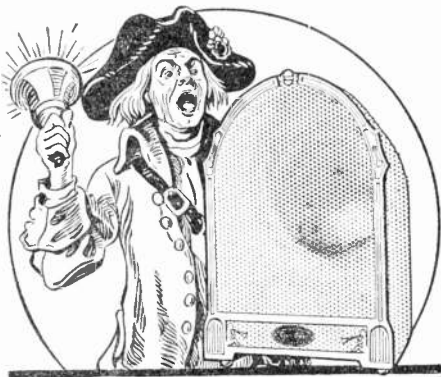
<p>Alabama Johnson Tire & Auto Company Montgomery. Talking Machine Company Birmingham.</p> <p>Arizona F. Ronstadt Company, Tucson.</p> <p>California Electric Corporation Los Angeles. Western Radio, Inc. Los Angeles. Alexander & Lavenson San Francisco. Coast Radio Supply Co. San Francisco.</p> <p>Colorado Reynolds Radio Co., Inc. Denver.</p> <p>Connecticut Post & Lester Company Bridgeport. Post & Lester Company Hartford. Post & Lester Company New Britain. Post & Lester Company New Haven. Post & Lester Company New London. Post & Lester Company Waterbury.</p> <p>District of Columbia National Elec. Supply Co. Washington, D. C. H. C. Roberts Elec. Supply Co. Washington, D. C. Southern Auto Supply Co. Washington, D. C.</p> <p>Florida G. Norman Baughman Co. Tampa. Florida Elec. Supply Co. Jacksonville.</p> <p>Georgia Carter Elec. Co., Atlanta.</p> <p>Illinois The Harry Alter Co., Chicago Young, Lorish & Richardson Chicago. Leonard Lynn Radio Co. Chicago.</p>	<p>Indiana Advance Electric Co. Terre Haute.</p> <p>Iowa Renier Music House, Inc. Dubuque. The McGraw Co., Sioux City.</p> <p>Kentucky Harblison & Gathright Louisville.</p> <p>Louisiana Rex Electric Co., New Orleans.</p> <p>Maine The Farrand-Brown Co., Portland Post & Lester Co., Portland. Klee & Miller, Bangor.</p> <p>Maryland H. C. Roberts Elec. Supply Co. Baltimore.</p> <p>Massachusetts Sager Elec. Supply Co., Boston. Post & Lester Co., Boston. Post & Lester Co., Springfield. Post & Lester Co., Worcester.</p> <p>Michigan Commercial Elec. Co., Detroit. Detroit Elec. Co., Detroit. Grinnell Bros., Detroit.</p> <p>Minnesota The Roycraft Co., Minneapolis.</p> <p>Missouri The Benwood-Imze Co. St. Louis. The McGraw Co., St. Louis. Electric Products, Kansas City.</p> <p>Montana Radio Auto Supply Co., Inc. Great Falls.</p> <p>Nebraska The McGraw Co., Omaha.</p> <p>New Jersey North Ward Radio Co., Newark</p>	<p>New York Havens Elec. Co., Albany. Wholesale Radio Equipment Co Buffalo North American Radio Corp. New York City. Ad. Aurlena, Inc., N. Y. C. Ten Eyck & Tatham, N. Y. C.</p> <p>North Carolina Brown Rogers Dixon Co. Winston Salem. Carolina Auto Supply Co. Charlotte. Odell Hardware Co., Greensboro</p> <p>Ohio Julius J. Baudlin Co. Cincinnati. The Ohio Rubber & Textile Co. Cincinnati. Erner & Hopkins Co., Columbus Perry B. Whitall Co., Columbus Haas Elec. Sales Co., Cleveland. Lake States General Elec. Supply Co., Inc., Cleveland. Roberts-Toledo Co., Toledo.</p> <p>Oklahoma Etherical Radio Co., Bristow.</p> <p>Oregon The Electric Corp., Portland. L. C. Warner Co., Portland.</p> <p>Pennsylvania Lockwood Radio Co. Philadelphia. Trilling & Montague Philadelphia. H. C. Roberts Elec. Supply Co. Philadelphia. R. M. Peffer, Harrisburg. Pittsburgh Auto Equipment Co Pittsburgh. Doubleday Hill Elec. Co. Pittsburgh. Ludwig Hommel Co. Pittsburgh. O-M-C Supply Co., Pittsburgh. Wireless Elec. Co., Pittsburgh.</p>	<p>Rhode Island Narragansett Radio Corp. Providence. Post & Lester Co., Providence.</p> <p>South Carolina Auto Elec. Co., Columbia. Lorlek & Lowrance, Columbia. Perry Mann Electric Co. Columbia.</p> <p>Tennessee Braid Elec. Co., Nashville. C.M. McChung & Co., Knoxville Mills-Morris Co., Memphis.</p> <p>Texas Huey & Philip Hdwe. Co. Dallas. Straus Bodenheimer Co., Houston. W. G. Walz Co., El Paso. The Shields Co., Inc., Ft. Worth. Straus-Frank Co., San Antonio.</p> <p>Virginia The Corley Co., Richmond. Tower-Binford Elec. & Mfg. Co. Richmond. Woodhouse Elec. Co., Inc. Norfolk.</p> <p>Washington L. C. Warner, Co. Seattle. Pacific Telegraph Inst., Spokane</p> <p>West Virginia Charleston Hdwe. Co. Charleston Sands Elec. Co., Wheeling.</p> <p>Wisconsin Julius Andrae & Sons Co. Milwaukee.</p> <p>Canada Columbia Phonograph Co., Ltd. Toronto, Ontario. Sycro Radio & Supply Co. Toronto—2 The Spotton Engineering Co Guelph. James A. Blunt, Ottawa. Radio Specialties, Ltd. Vancouver.</p>
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Manufactured by

FARRAND MANUFACTURING CO., Inc.

Thompson Ave. at Court St., Long Island City, N. Y.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



The TOWN CRIER

Radio's Most Beautiful Speaker

\$17.50 LIST PRICE
West of the Rockies \$18.50

Circulars describing the Golden Polychrome and Green Polychrome models of the Town Crier sent upon request.

GALE RADIO LABORATORIES
2516 Irving Park Blvd., Chicago

SPEAKERS, Loud Continued

Bel-Canto Radio & Telephone Equipment Co.—see Baker-Smith Co.

Belltone Radio Corp 81 Crosby St., New York, N. Y.

Bemco Mfg. Co., 243 W. 55th St., New York, N. Y.
"Tripletone"

Bennett & Co., I. A., 112 W. Adams St., Chicago, Ill.
"Auditorium"

Berg Auto Trunk & Specialty Co., Long Island City, N. Y.
"Artone" See advertisement, page 32.

Berwick—see Triangle Electro Trading Co.

Bisby Mfg. Co., 54 Warren St., New York, N. Y.

Black Beauty—see United Radio Corp.

Blue Streak Radio Co., 53 W. Jackson Blvd., Chicago, Ill. "Cremona Di Luxe", "Cremona, Jr." "Cremona, Midget"

Blood Tone Arm Co., Bay City, Mich. "Speakerola"

Borkman Radio Corp., Tribune Bldg., Salt Lake City, Utah "Velvet"

Boudette Mfg. Co., 77 Beach St., Revere, Mass. "Sonicorde"

Brandes Products Corp., 233 Broadway, New York, N. Y.

Brittania Silver Casting Co., 93 Crosby St., New York, N. Y. "Humantone"

Bromwell Brush & Wire Goods Co., Third & Walnut Sts., Cincinnati, Ohio

Burns—see American Electric Co.

Cabinette—see Trimm Radio Mfg. Co.

Cadillac Radio Mfg. Co., 5940 Second Blvd., Detroit, Mich. "Ampliola"

Cambridge Sanitary Mfg. Co., Cambridge, Ohio. "Kirk"

Camco—see Cannon & Miller Co.

Cannon & Miller Co., Springfield, N. Y. "Camco"

Carls, M. J., 1929 S. Los Angeles St., Los Angeles, Cal. "Golden Bear"

Cello—see Splittorf Electrical Co.

Chanson Laboratory, 3850 Mines Ave., Los Angeles, Cal.

Charmitone—see Dual Loud Speaker Co.

Charmvox — see Granolite Corp.

Chello — see Trimm Radio Mfg. Co.

C I C—see Connecticut Instrument Co.

Claravox Co., 339 W. Federal St., Youngstown, Ohio.

Clea-R-adio—see Guarantee Radio Co.

Cleartone Radio Co., 2427 Gilbert Ave., Cincinnati, Ohio

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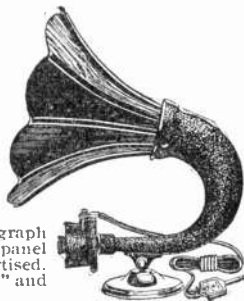
AMPLION

For Better Radio Reproduction

The Product
of 38 Years'
Experience

Due to supremacy of performance this creation of Alfred Graham & Co., England leads in sales throughout the world.

Six models, including phonograph units, equipped with cords and panel plugs, \$12 up. Nationally advertised. Write for "Amplion Pedigree" and proposition to trade.



The Amplion Corporation of America

Executive Offices: Suite 42, 280 Madison Ave., New York City
Chicago Branch: 27-29 N. Morgan Street

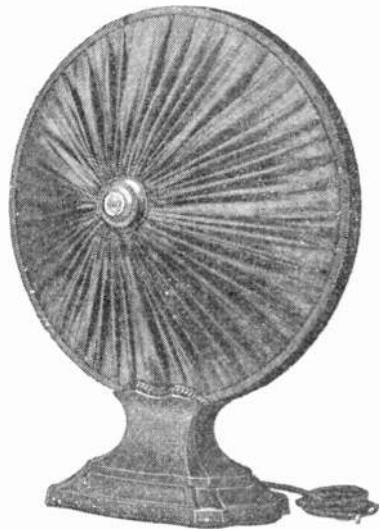
In Canada: Burndep't of Canada, Ltd., Toronto

Jobbers and Dealers

should write us at once giving full particulars of the line of business they are engaged in so that their names may be placed on or kept on our lists to receive The Radio Trade Directory regularly each quarter—without charge of course.

THE RADIO
TRADE DIRECTORY

10th Ave. at 36th St., New York



The Jewett Cone

(Registered Trade Mark)

A Cone-type Reproducer on proved acoustical principles—containing a reproducing unit and a horn. Immune, therefore, to the effects of dampness, for there is no drum head to shrink, puncture or tear. Tone, pitch and volume comparable only to the best of the horns. Price, \$18.

Enclosed back—Front of pleated silk of changeable shade—Substantial base houses unit—Adjustable to fit any power set—Shipped in individual cartons, eight to a crate. Weight $9\frac{3}{4}$ lbs. per carton. Crate dimensions, 42 in. x $17\frac{1}{2}$ in. x $43\frac{1}{2}$ in.

**JEWETT
RADIO & PHONOGRAPH
COMPANY**

5686 Telegraph Road
Pontiac, Michigan



When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Majestic Speakers

You simply cannot go wrong on this proved line because it is manufactured after much experience not only of a laboratory test but the real test—The Trade.

And priced so you may never fear a slip in price.

Write for Catalog and full description

JAMES M. DAVIS CO.

30 Euclid Arcade, Cleveland, O.

Cable Address "DAVISCOS" Cleveland, O.

All Standard Codes Used.



MODEL 810—Solid Walnut, 15-in. x 8 3/4 x 8 1/4 Madera console horn. List \$30.00.

MADERA CLEAR SPEAKERS

Horns made of compressed wood develop tone qualities far superior to others now sold. Complete with powerful unit.

MODEL 821—23-in. semi-gooseneck, 10 1/4-in. bell, Crystal black. List \$10.00.

MODEL 806—23-in. upright, 10 1/4-in. bell, Leatherette finish. List \$17.50.

MODEL 807—20 1/2-in. gooseneck, 11 1/2-in. bell, Leatherette finish. List \$22.50.

MODEL 807 DE LUXE—Mahogany. \$25.00.

Compressed Wood Corp.

345 W. Austin Ave., Chicago, Ill.

SPEAKERS, Loud Continued

Columbia Mantel Co., 175 Powers St., Brooklyn, N. Y.

Como Apparatus Corp., 343 Kelley St., Manchester, N. H.

✓Compressed Wood Corp., 345 W. Austin Ave., Chicago, Ill. "Madera" See advertisements, pages 78 and 152.

Concert—see Trimm Radio Mfg. Co.

Connecticut Instrument Co., 219 South St., Stamford, Conn. "C I C"

Console Master Speaker Co., 15 E. 40th St., New York, N. Y.

Consomello De Luxe—see Mazda Radio Mfg. Co.

Cook, James J., 919 Madison Ave., Baltimore, Md.

Cory & Sons, Chas., 183 Varick St., New York, N. Y. "Coryphone" "Mastertone"

Coryphone—see Cory & Son

Cremona De Luxe—see Blue Streak Radio Co.

Cremona, Jr.—see Blue Streak Radio Co.

Cremona Midget—see Blue Streak Radio Co.

Crosley Radio Corp., 732 Sassafras St., Cincinnati, Ohio "Musicone"

Crucet Mfg. Co., 18 W. 23d St., New York, N. Y.

Custeloid Co., 10543 93d St., Ozone Park, L. I., N. Y. "Puratoan"

Cygnat—see Standard Metal Mfg. Co.

✓Davis Co., James M., 30 Euclid Arcade, Cleveland, Ohio "Majestic" See advertisement, page 152.

Day-Fan—see Dayton Fan & Motor Co.

Dayton Fan & Motor Co., Dayton, Ohio "Day-Fan"

De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.

Delano—see Modernola Co.

De Luxe—see Mercury Radio Corp.

Del Marmol Radio-Phonograph Co., 3522 Frankford Ave., Philadelphia, Pa.

Dexter Metal Mfg. Co., 10 S. 18th St., Philadelphia, Pa.

Dictogrande—see Dictograph Products Corp.

Dictograph Products Corp., 220 W. 42d St., New York, N. Y. "Dictogrande"

Dietzen, Inc., 71 Cortlandt St., New York, N. Y.

Dragon—see Amplion Corp. of America

Dragonfly—see Amplion Corp. of America

Dual Loud Speaker Co., 12 West End Ave., New York, N. Y. "Charmitone"

The Mark



of Tone Quality

In addition to supplying the public with our unbeaten standard loudspeaker at \$21 list, we are now in a position to supply a few more manufacturers of consoles and cabinets with built-in horns to meet their own particular requirements as to size and shape—Our own perfect acoustical properties will not be sacrificed—Those interested are invited to communicate at once—Ask for "The Last Lap."

PARCELLS & CO.

68 W. Washington St., Chicago

A Dealer in Texas says:

"The Directory has put us in touch with the entire radio industry in this country."

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**SPEAKERS, Loud
Continued**

Duotone Radio Corp., Industrial Trust Bldg., Wilmington, Del.

Duro Metal Products Co., 2649 N. Kildare Ave., Chicago, Ill. "Quali-Tone"

Dymac—see Electrical Products Mfg. Co.

Echo-Tone—see Williams Radio Co.

Ed-U-Cator—see Mersman & Co.

Electrical Industries Mfg. Co., 326 W. 41st St., New York, N. Y. "Ultra"

Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"

Elf—see Summit Radio Products, Inc.

Empire—see American International Trading Co.

Enchanter—see Jodra Mfg. Co.

English-Whitman Products, 250 W. 57th St., New York, N. Y. "En-Whit"

En-Whit—see English-Whitman Products.

Entertainer—see Trimm Radio Mfg. Co.

Ethovox—see Martin Radio & Electric Co.

Exceltone Radio Sales Co., 97 Wooster St., New York, N. Y.

Eyther-Way—see Bee-Zee Products Co.

Farrand Mfg. Co., Thompson Ave. & Court St., Long Island City, N. Y. See advertisement, page 149.

Federal Radio Corp., Buffalo, N. Y.

Federal Telephone Mfg. Corp., Buffalo, N. Y. "Pleophone"

Fine-Arts—see Plaza Music Co.

Fitch Radio Co., 105 W. 40th St., New York, N. Y.

Flash Radio Corp., 127 Federal St., Boston, Mass.

Fletcher-Wickes Co., 116 W. Illinois St., Chicago, Ill.

Florentine Art Productions, Inc., 838 W. Austin Ave., Chicago, Ill.

Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"

Freed-Eiseman Radio Corp., Manhattan Bridge Plaza, Brooklyn, N. Y.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill. "Musette"

Full-A-Tone—see Fuller Co.

Fuller Co., P. H., 365 Gerard Ave., New York, N. Y. "Full-A-Tone"

Fultone—see Hall & Wells

Gale Radio Laboratories, 2516 Irving Park Blvd., Chicago, Ill. "Town-Crier" See advertisement, page 150.

Gem—see Standard Metal Mfg. Co.

G-G-H Majestic—see Grigsby-Grunow-Hinds Co.

Globe Electric Co., 658 Stinson Blvd., Milwaukee, Wis.

Globe Phone Mfg. Co., Reading, Mass.

Gloria—see Mu-Rad Radio Corp.

Gold Medal—see Morris, Walter C.

Golden Bear—see Carls, M. J.

Golden Gate Brass Mfg. Co., 1243 Sutter St., San Francisco, Cal. "Thor"

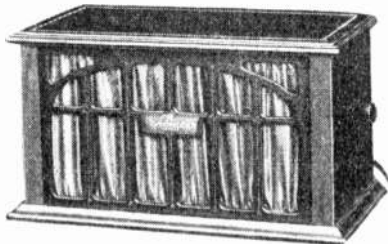
Golden Tone—see Kellogg Switchboard & Supply Co.

Graef & Trecartin, 10 Alvin Pl., Upper Montclair, N. J. "Graefone"

Graefone—see Graef & Trecartin

Grand—see Mercury Radio Corp.

Grand—see Splittdorf Electrical Co.



American Walnut or the new Clairemount Mahogany—Top inlaid—Leather composition grill, silk drape.

Size 10¼ x 17¾ x 10 inches high. Packed in individual cartons. Price, \$40.00; west of Rockies, \$42.50.

IN Performance, it's a Superspeaker—enough said.
In Appearance, it's the finest piece of Radio cabinet work you have ever seen.

See it! Listen to it! Discover for yourself that here is the Cabinet Speaker you can whole-heartedly endorse.

JEWETT RADIO & PHONOGRAPH COMPANY
5686 TELEGRAPH ROAD PONTIAC, MICHIGAN
Factories: Allegan, Michigan—Detroit, Michigan—Pontiac, Michigan

Canadian Sales Offices:
Walkerville, Ontario



Export Sales Offices:
116 Broad St., New York City

The Superspeaker Console

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

Unger Speaker

"The Speaker of Natural Tone"

LAMINITE BELL—The bell is of Laminite, a laminated wood, which under the most rigid tests was adjudged to be the most perfect material for use as the bell of the speaker because of its remarkable acoustic qualities. A bell having less acoustic qualities such as metal, bakelite, rubber or fibre will produce either tinny, deadening or unnatural sounds.

CAST ALUMINUM THROAT—The throat is of cast aluminum, which is non-vibrant, and is used to produce volume. A throat of any other material will vibrate and create noises of its own to interfere with the music reproduced by the unit.

CAST METAL BASE—The base is of cast metal to give it sufficient weight to prevent the speaker from over-balancing and also to hold the unit securely and firmly.

PERFECT UNIT—The unit, which is the "heart of the speaker," is an instrument of precision. The magnet, which is the "life of the unit," has more power and strength than most ordinary units, and therefore will stand up under years of usage.

Height 21 in.—Diameter of Bell 12 in.
Finished in a rich mahogany, walnut
and black morocco leather finish.

UNGER RADIO MFG. CO.
MILWAUKEE, WISCONSIN

BEAUTY IN TONE AND APPEARANCE

LEADER Loud Speakers and Units

Leader Speakers combine a wide range of volume with clarity and faithful reproduction of tone. The heavy cast aluminum goose-neck eliminates all metallic and vibration distortion.

The bell is of beautiful mahogany or walnut finish—the base and goose-neck in wine-gold.

The Leader Senior (as illustrated) 22 inches high, 13 $\frac{3}{4}$ inch bell. List Price, \$18.00.

The Leader Junior, exactly the same except in size, 18 inches high, 12 inch bell. List Price, \$14.00.

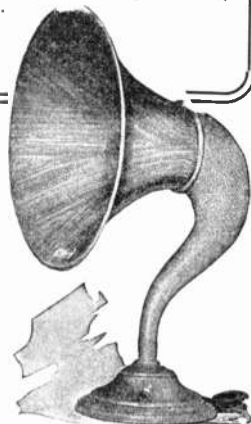
Sample horn sent to any reliable jobber on approval at our expense.

The Leader Unit

An adjustable horn unit for any horn, console or phonograph. List, \$5.00.



**VICTOR
RADIO CORPORATION**
4317 N. Western Ave.,
Chicago, Ill.



SPEAKERS, Loud Continued

Granollite Corp., 222 Fourth St., Milwaukee, Wis. "Charmvox"

Grigsby-Grunow-Hinds Co., 4540 Armitage Ave., Chicago, Ill. "G-G-H Majestic"

Grimes, Inc., David, 1571 Broadway, New York, N.Y.

Guarantee Radio Co., 1341 South Hill St., Los Angeles, Cal. "Clea-R-adio"

Guarantee Specialty Mfg. Co., 5100 Superior Ave., Cleveland, Ohio

Hall Radio Corp., Syracuse, N. Y. "Melodyne"

Hall & Wells, 4600 Lincoln Ave., Chicago, Ill. "Fulltone"

Hallwell Electric Co., 113 Fourth Ave., New York, N. Y.

Hamburg Bros., 420-22 Seventh Ave., Pittsburgh, Pa. "Pennsylvania" See advertisement, page 75.

Hardsocg Mfg. Co., Ottumwa, Iowa

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

Hartford Metal Products Co., 112 Allyn St., Hartford, Conn.

Hartman Electrical Mfg. Co., 34 E. Fifth St., Mansfield, Ohio

Hayes Products Co., 1301 Fulton St., Grand Haven, Mich.

Henderson Bros., 93 Federal St., Boston, Mass.

Herald Electric Co., 29 East End Ave., New York, N. Y.

H & H—see Hart & Hegeman Mfg. Co.

Himmer, Vitalis, 203 Sixth Ave., New York, N. Y. "Vitalitone"

Hipco—see Hipwell Mfg. Co.

Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa. "Hipco"

Hollywood—see Turner Radio Corp.

Holtzer-Cabot Electric Co., 125 Amory St., Boston, Mass. "National"

Homespeaker — see Trimm Radio Mfg. Co.

Humantone — see Brittonia Silver Casting Co.

Illini Electric Co., 605 N. Walnut St., Champaign, Ill.

Inter-State Radio Co., 98 Park Pl., New York, N. Y.

Jaynell Mfg. Co., 217 N. Desplaines St., Chicago, Ill.

Jewell Phonoparts Co., 150 Whiting St., Chicago, Ill. "Whiting"

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Manufacturers

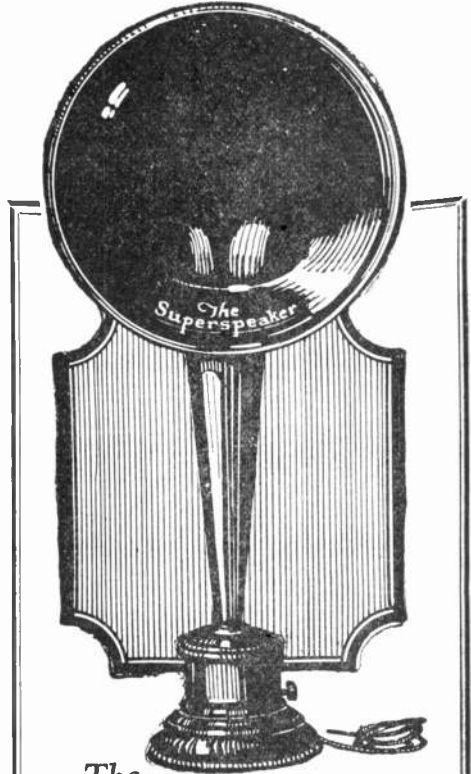
are earnestly requested to notify us at once of any new products so that they may be correctly listed in

The Radio Trade Directory

— without charge, of course.

The Radio Trade Directory

Tenth Ave. at 36th Street
New York City



The Superspeaker (Registered Trademark)

A reproducing instrument not duplicated by any device on the market in workmanship, materials and performance. Standard equipment of most radio laboratories. Exclusive Volume Control adds distance and compensates for B-battery variations as well as temperature and humidity changes.

No extra batteries or coils — Non-vibrating horn — Height 26 inches, Weight 5 pounds — handsomely finished in ebony gloss — Each Superspeaker packed in individual carton, horn and base separate. Price \$30. (West of the Rockies, \$32.50). (10)

"THERE IS NO SUBSTITUTE FOR THE BEST"

JEWETT RADIO & PHONOGRAPH COMPANY

5686 Telegraph Road

PONTIAC, MICH.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

SPEAKERS, Loud Continued

- Jewett Radio & Phonograph Co.**, 5686 Telegraph Rd., Pontiac, Mich. "Superspeaker." See advertisements, pages 31, 65, 131, 151, 153, 155 and 187.
- Jodra Mfg. Co.**, 61 Pier One, Seattle, Wash. "Enchanter"
- Jolley Radio Co.**, 297 Sixth Ave., New York, N. Y.
- Junior Ambotone**—see American Bosch Magneto Corp.
- K-E**—see Kirkman Engineering Corp.
- Kellogg Switchboard & Supply Co.**, 1066 W. Adams St., Chicago, Ill. "Golden Tone." See Inside Back Cover.
- Kennedy Co.**—see Kennedy Corp.
- Kennedy Corp.**, Colin B., 2017 Locust St., St. Louis, Mo. (Sole Selling Agents for Colin B. Kennedy Co., St. Louis, Mo.) "Royal"
- Kilbourne & Clark Mfg. Corp.**, 101 Spokane St., Seattle, Wash.
- Kirk**—see Cambridge Sanitary Mfg. Co.
- Kirkman Engineering Corp.**, 492 Broome St., New York, N. Y. "K-E"
- Kismet Kone** — see Radio Telephone & Telegraph Corp.
- Kleerspeaker**—see Acme Apparatus Co.
- Kleertone Radio Corp.**, 298 Church St., New York, N. Y.
- Kodel Radio Corp.**, 507 E. Pearl St., Cincinnati, Ohio "Quality"
- Kor-Rad Co.**, 151 E. 58th St., New York, N. Y. "Lafayette"
- Lafayette**—see Kor-Rad Co.
- Lakeside Supply Co.**, 73 W. Van Buren St., Chicago, Ill.
- Lan Sing**—see United Engine Co.
- Leader**—see Victor Radio Corp.
- Leaf**—Burkhard Radio Electric Corp., 158 Greene St., New York, N. Y.
- Lenford, Inc.**, 408 W. 27th St., New York, N. Y.
- Liberty Metal Products Corp.**, Berea, Ohio. "Bean."
- Little Spitfire** — see Tower Mfg. Corp.
- Little Wonder** — see Philmore Mfg. Co.
- Loco-Marine Laboratories**, 142 E. 150th St., New York, N. Y.
- Los Angeles Radio Supply Co.**, 1052 E. Vernon Ave., Los Angeles, Cal.
- Lumiere**—see Victor Talking Machine Co.
- Madera** — see Compressed Wood Corp.
- Magnavox Co.**, 2725 H 14th St., Oakland, Cal.
- Magnus Electric & Radio Mfg. Corp.**, 787 E. 138th St., New York, N. Y.
- Majestic**—see Davis Co.
- Major Speaker Co.**, 31 Euclid Arcade Annex, Cleveland, Ohio
- Manhattan Electrical Supply Co.**, 17 Park Pl., New York, N. Y.
- Marlotone**—see Marlow Co.
- Marlow Co.**, Ernest, 613 Bangs Ave., Asbury Park, N. J. "Marlotone"
- Martin Radio & Electric Co.**, 130 W. 52d St., New York, N. Y. "Ethovox"
- Marveltone**—see Ajax Electric Specialty Co.
- Marx, Conrad**, 23 Judge St., Brooklyn, N. Y. "Tulip"
- Masterola**—see R-C Mills Radio Co.
- Masterstone**—see Cory & Son
- Mazda Radio Mfg. Co.**, 3405 Perkins Ave., Cleveland, Ohio. "Consomello De Luxe"
- McKee Glass Co.**, Jeannette, Pa.
- McKinley Phonograph Co.**, 1501 E. 55th St., Chicago, Ill. "Armstrong"
- Meistersinger** — see Tower Mfg. Corp.
- Melodyne**—see Hall Radio Corp.
- Melodyne Radio Co.**, 116 W. 65th St., New York, N. Y.
- Mercury Radio Corp.**, 87 Duane St., New York, N. Y. "De Luxe," "Grand"
- Mersman & Co.**, Ottawa, Ohio "Ed-U-Cator"
- Metro**—see Pal Sales Corp.
- Minuet**—see Thompson Mfg. Co.
- Mite**—see Baker-Smith Co.
- Mocking Bird**—see Morrison Laboratories, Inc.
- Modernola Co.**, Johnstown, Pa. "Delano"
- Modulator**—see Union Spinning & Plating Co.
- Mohawk Corp. of Illinois**, 2222 Diversey Parkway, Chicago, Ill.
- Moon** — see Wilson Utensil Co.
- Morris, Walter C.**, 168 Rositer Ave., Yonkers, N. Y. "Gold Medal"
- Morrison, Clarence C.**, 2 Stone St., New York, N. Y.
- Morrison Laboratories, Inc.**, Lafayette Bldg., Detroit, Mich. "Mocking Bird"
- Mozart-Grand Co.**, 235 Elizabeth St., Newark, N. J.
- Multiple Electric Products Co.**, 365 Ogden St., Newark, N. J. "Atlas"
- Mu-Rad Radio Corp.**, 800 Fifth Ave., Asbury Park, N. J. "Gloria"
- Musette**—see Frost, Herbert H.
- Music Master Corp.**, 123 N. Tenth St., Philadelphia, Pa.
- Music Mirror** — see Aaron, Irvin I.
- Musicon**—see Crosley Radio Corp.
- Mydar Radio Co.**, 9 Campbell St., Newark, N. J. "Accuratune"
- National** — see Holtzer-Cabot Electric Co.
- Natural Voice Talking Machine & Radio Cabinet Co.**, Oneida, N. Y.
- Newcastle Radio Cabinet Co.**, 11th & Race Sts., Newcastle, Ind.
- Newcombe-Hawley, Inc.**, 160 N. La Salle St., Chicago, Ill. See advertisement, page 78.
- Newhall Chain Forge & Iron Co.**, 90 West St., New York, N. Y.
- North Lebanon Foundry**, Lebanon, Pa. "Supertone"
- Nu-Tone Radio Co.**, Atlas Bldg., Salt Lake City, Utah
- Okay Radio Corp.**, Brazil, Ind. "Ampliphone"
- O'Neil Mfg. Co.**, 4738 Hudson Bldg., West New York, N. J. "Audiphone"
- Operatone** — see Piroxloid Products Corp.
- Oracle Mfg. Co.**, 35 Wall St., New York, N. Y.
- Orator Radio Corp.**, 54th St. & Broadway, New York, N. Y.
- Orchestrian De Luxe** — see Radio Cabinet Co.
- Ovenshire Laboratories**, 706 N. Main St., Los Angeles, Cal. "Symphony"
- Pal Radio Co.**—see Pal Sales Corp.
- Pal Sales Corp.**, Tube Concourse Bldg., Jersey City, N. J. (Sole Sales Representatives for Pal Radio Co., Jersey City, N. J. "Metro")
- Parcells & Co.**, 68 W. Washington St., Chicago, Ill. "Temple" See advertisement, page 152.
- Pathe Phonograph & Radio Corp.**, 20 Grand Ave., Brooklyn, N. Y.
- Peerless**—see United Radio Corp.
- Peerless Light Co.**, 663 W. Washington Blvd., Chicago, Ill. "Peerlite"
- Peerlite** — see Peerless Light Co.
- Pennsylvania** — see Hamburg Bros.
- Perfection** — see Teleradio Engineering Corp.
- P & G Mfg. Co.**, 300 S. First Ave., Maywood, Ill.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

SPEAKERS, Loud Continued

- Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Little Wonder"
- Piroxloid Products Corp., 200 Fifth Ave., New York, N. Y. "Operatone"
- Plaza Music Co., 10 W. 20th St., New York, N. Y. "Fine-Arts"
- Platophone — see Federal Telephone Mfg. Corp.
- Portola Radio Co., 440 Market St., Philadelphia, Pa.
- Puratoan—see Custeloid Co.
- Q-R—see Robinson Specialty Co.
- Quali-Tone—see Duro Metal Products Co.
- Quality — see Kodel Radio Corp.
- Quam Radio Corp., 1925 S. Western Ave., Chicago, Ill. "Radiovox"
- Rad-I-Fone Co., Grand Rapids Savings Bank Bldg., Grand Rapids, Mich.
- Radiolamp — see Radiolamp Co.
- Radio Cabinet Co., 2125 Olney St., Indianapolis, Ind. "Orchestrian De Luxe"
- ✓Radio Corp. of America, New York, N. Y. "Radiola" See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover
- ✓Radio Foundation, Inc., 25 W. Broadway, New York, N. Y. "R. F. I." See advertisement, page 184.
- Radio Industries Corp., 131 Duane St. New York, N.Y. "Rico Melotone" "Rivoli"
- Radio Telephone & Telegraph Corp., 25 W. 45th St., New York, N. Y. "Kismet Kone"
- Radiola—see Radio Corp. of America
- Radiolamp Co., 254 W. 34th St., New York, N. Y. "Radiolamp"
- Radiotive Corp., 5317 21st Ave., Brooklyn, N. Y. "Silken Voice"
- Radiovox—see Quam Radio Corp.
- Ramo Radio Products Co., 135 Liberty St., New York, N. Y. "Wellington"
- R-C Mills Radio Corp., 41 E. 29th St., New York, N. Y. "Masterola"
- Red Lion Cabinet Co., 17 W. 60th St., New York, N. Y.
- Reichmann Co., 1725 W. 74th St., Chicago, Ill. "Thorola" "Thorola, Jr." "Thorphone"
- Remo Corp., Meriden, Conn. "Remola"
- Remola—see Remo Corp.
- Rex Radio Works, 1820 Montrose Ave., Chicago, Ill.
- R. F. I.—see Radio Foundation, Inc.
- Rhamstine, J. Thos., 508 E. Woodbridge St., Detroit, Mich. "Victophone"
- Rico Melotone — see Radio Industries Corp.
- Rithello Corp., 68 New Chambers St., New York, N. Y.
- Rivoli—see Radio Industries Corp.
- Robbins & Myers Co., Springfield, Ohio
- Robinson Specialty Co., 13 Walnut St., Keyport, N. J. "Q-R"
- Rogers Mfg. Co., Frenchtown, N. J.
- Rola Co., 4250 Hollis St., Oakland, Cal.
- Royal—see Kennedy Corp.
- Saal Co., H. G., 1800 Montrose Ave., Chicago, Ill.
- Schaeffer Mfg. Co., 226 W. 41st St., Portland, Ore.
- Scientific — see Tower Mfg. Corp.
- Seaman-Jones Fibre Products Co., 800 Weed St., Chicago, Ill. "Apollo"
- Selector Co., 2005 Sixth Ave., Seattle, Wash.
- Serenada Co., 14 Greene St., New York, N. Y.
- Silken Voice — see Radiotive Corp.
- Simplex Radio Co., Monroe & King Sts., Sandusky, Ohio. "Alladin"
- Snyder Mfg. Co., Homer P., Little Falls, N. Y.
- Sonochorde — see Boudette Mfg. Co.
- Sonora Phonograph Co., 279 Broadway, New York, N. Y.
- Spartan Electric Corp., 99 Chambers St., New York, N. Y.
- Speakerola — see Blood Tone Arm Co.
- Splitdorf Electrical Co., 392 High St., Newark, N. J. "Splitdorfone" "Grande" "Cello"
- Splitdorfone — see Splitdorf Electrical Co.
- Standard Metal Mfg. Co., 237 Chestnut St., Newark, N. J. "Cygnet" "Gem"
- Star O Tone—see Star Radio Co.
- Star Radio Co., 1936 Westlake Ave., Seattle, Wash. "Star O Tone" "Starola"
- Starola—see Star Radio Co.
- Starr Piano Co., First & So. A Sts., Richmond, Ind.
- Stentor—see Stentorfone Co.
- Stentorfone Co., 784 Ceres Ave., Los Angeles, Cal. "Stentor"
- ✓Stewart-Warner Speedometer Cor'n., 1834 Diversey Pkwy., Chicago, Ill. See advertisement, page 129.
- Strad-o-vox Corp., 562 Fifth Ave., New York, N. Y.
- Stromberg-Carlson Telephone Mfg. Co., 1060 University Ave., Rochester, N. Y.
- Summit Radio Products, Inc., 34 Hague St., Jersey City, N. J. "Elf"
- Superola Radio Corp., 565 Broadway, New York, N. Y. "Walcone"
- Superspeaker — see Jewett Radio & Phonograph Co.
- Supertone — see North Lebanon Foundry
- Supreme — see Utah Radio Products Co.
- Sylfan — see Baker-Smith Co.
- Symphony — see Wilfert, J. Fred.
- Symphony — see Ovenshire Laboratories
- ✓Teleradio Engineering Corp., 499 Broome St., New York, N. Y. "Perfectone" Cataloged on page 152.
- Telephone Corp. of America, 449 W. 42d St., New York, N. Y.
- Temple—see Parcels & Co.
- Thompson-Fuller — see Thompson Mfg. Co.
- ✓Thompson-Levering Co., 351-61 N. 57th St., Philadelphia, Pa. See advertisement, page 49.
- Thompson Mfg. Co., R. E., 30 Church St., New York, N. Y. "Thompson-Fuller"
- Thor—see Golden Gate Brass Mfg. Co.
- Thorola—see Reichmann Co.
- Thorola, Jr.—see Reichmann Co.
- Thorphone—see Reichmann Co.
- Timbretone Mfg. Co., Hoosick Falls, N. Y.
- Timmons Radio Products Corp., 339 E. Tulpehocken St., (Germantown) Philadelphia, Pa.
- Tower Mfg. Corp., 98 Brookline Ave., Boston, Mass. "Meistersinger" "Little Spitzfire" "Scientific"
- Town-Crier—see Gale Radio Laboratories
- Triangle Electro Trading Co., 4077 Park Ave., New York, N. Y. "Berwick"
- Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ill. "Homespeaker" "Enter-tainer" "Concert" "Chello" "Cabinette"
- Tripletone—see Bemco Mfg. Co.
- True Bell—see Bee-Zee Products Co.
- Tulip—see Marx, Conrad
- Turner Radio Corp., K. M., 1517 N. Wilton Pl., (Hollywood), Los Angeles, Cal. "Hollywood"
- Ultra — see Electrical Industries Mfg. Co.
- ✓Unger Radio Mfg. Co., Milwaukee, Wis. See advertisement, page 154.

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**SPEAKERS, Loud
Continued**

- Union Spinning & Plating Co., 67 Sudbury St., Boston, Mass. "Modulator"
- United Engine Co., 719 E. St. Joseph St., Lansing, Mich. "Lan Sing"
- United Radio Corp., 235 Elizabeth Ave., Newark, N. J. "Black Beauty"
- United Radio Corp., 115 Caladonia St., Rochester, N. Y. "Peerless"
- Un-X-Ld—see Forman & Co.
- Utah Radio Products Co., 1427 S. Michigan Ave., Chicago, Ill. "Supreme"
- Velvet—see Borkman Radio Corp.
- Victophone—see Rhamstine, J. Thos.
- Victor—see American Electric Co.
- ✓Victor Radio Corp., 4317 N. Western Ave., Chicago, Ill. "Leader." Cataloged on page 151.
- Victor Talking Machine Co., Camden, N. J. "Lumiere"
- Vitalitone—see Himmer, Vitalis
- Vox Humana—see Baker-Smith Co.
- Walcone—see Superola Radio Corp.
- Warren, Jr.—see Warren Radio Phone Mfg. Co.
- Warren Radio Phone Mfg. Co., S. Main St., Warren, R. I. "Warren, Jr."
- Wellington—see Ramo Radio Products Co.
- Wells Park Wonder Horn Mfg. Co., 4321 North Western Ave., Chicago, Ill. "Wonder"
- Welty & Co., Wm. A., 36 S. State St., Chicago, Ill.
- Western Cable & Light Co., Baldwin, Wis.
- Western Electric Co., 100 E. 42d St., New York, N. Y.
- Wheeler Mfg. Co., 970 Montana St., Chicago, Ill.
- White Beauty Electric Co., 4416 N. Western Ave., Chicago, Ill.
- Whiteland Mfg. Corp., 1600 Chestnut Ave., Brooklyn, N. Y.
- Whiting—see Jewel Phonoparts Co.
- Wilfert, J. Fred., 21 Cambria St., Boston, Mass. "Symphony"
- Williams Radio Co., 1440 Washington Blvd., Detroit, Mich. "Echo-Tone"
- Wilson Utensil Co., 815 E. Fifth St., Dayton, Ohio "Moon"
- Winterrath Composition Amplifier Co., 405 Evergreen Ave., Brooklyn, N. Y. "Wundatone"
- Wonder—see Wells Park Wonder Horn Mfg. Co.

- Wright De Coster Radio, Inc., 1466 Selby Ave., St. Paul, Minn.
- Wundatone—see Winterrath Composition Amplifier Co.
- Zeco—see Zisch Engineering Corp.
- Zisch Engineering Corp., 39 Ave. L., Newark, N. J. "Zeco"

**SPIDER WEB COILS—
see Coils, Inductance****SPLIT
VARIOMETERS—
see Variometers****SPRING BRASS—
see Brass and Copper,
Sheet****SPRING CAT
WHISKER WIRE—
see Wire, Special Cat
Whiskers****SPRINGS,
Antenna Tension**

- ✓Apex Stamping Co., Dept. D, Riverdale, Ill. "Jiffy" Cataloged on page 199.
- Jiffy—see Apex Stamping Co.
- Lenz—see Permenco Mfg. Corp
- Mattatuck Mfg. Co., E. Main St., Waterbury, Conn.
- ✓Permenco Mfg. Corp., 814-16 Prospect Ave., Brooklyn, N. Y. "Lenz." See advertisement, page 89.
- Triangle Atlantic Corp., 349 Adams St., Brooklyn, N. Y.

**SQUARE WIRE—
see Wire, Bus-Bar****STABILIZERS,
Battery—
see Potentiometers****STAMPINGS, Fibre**

- ✓Arrow Hardware Corp., 27 Vestry St., New York, N. Y. See advertisement, page 118.
- Universal Insulation Co., 215 Emmet St., Newark, N. J.
- Wilmington Fibre Specialty Co., New Castle, Del.

STAMPINGS, Metal

- Aluminum Co. of America, Oliver Bldg., Pittsburgh, Pa.
- American Metal Works, Stenton Ave. & Rockland St., Philadelphia, Pa.
- American Ring Co., Waterbury, Conn.
- ✓Apex Stamping Co., Riverdale, Ill. "Jiffy." See advertisement, page 199.
- ✓Arrow Hardware Corp., 27 Vestry St., New York, N. Y. See advertisement, page 118.
- Atlantic Mfg. Co., Milford, Conn.
- Auld Co. D. L., Fifth Ave. & Fifth St., Columbus, Ohio
- Automotive & Radio Mfg. Corp., 451 Greenwich St., New York, N. Y.
- Barnes Co., Wallace, Bristol, Conn.
- ✓Blake & Johnson Co., Waterbury, Conn. See advertisement, page 119.
- Bridgeport Brass Co., Bridgeport, Conn.
- Bridgeport Metal Goods Co., Cherry & Pine Sts., Bridgeport, Conn.
- Conrad Bros., 1609 Cooper Ave., Evergreen, L. I., N. Y.
- Dallas Brass & Copper Co., 820 Orleans St., Chicago, Ill.
- D. & B. Radio Service, 419 Riopelle St., Detroit, Mich.
- Doran & Sons, James C., 150 Chestnut St., Providence, R. I.
- Eureka Tin Ware Mfg. Co., 629 E. 16th St., New York, N. Y.
- Farrington & Co., 28 W. Grand St., Mount Vernon, N. Y.
- Fenton Machine Tool & Die Co., Fenton, Mich.
- Fischer Spring Co., Chas., 240 Kent Ave., Brooklyn, N. Y.
- Freeport Metal Products Mfg. Co., 71 E. Olive Blvd., Freeport, L. I., N. Y.
- Funk & Shore, 50 Church St., New York, N. Y.
- Gardiner & Hepburn, 21st St. & Washington Ave., Philadelphia, Pa.
- General Mfg. Co., 6637 Cottage Grove Ave., Chicago, Ill.
- Georges Co., Fred M., 81 Mt. Prospect Ave., Newark, N. J.
- ✓Grammes & Sons, L. F., 310 Union St., Allentown, Pa. See advertisements, pages 97 and 159.

An Illinois Jobber of Radio says:

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Superior facilities for production of
High Silicon Steel Laminations
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Contracts solicited for deliveries of
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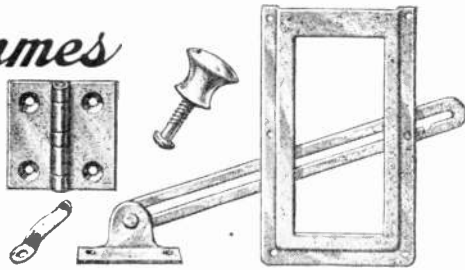
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STAMPING CO.**

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HARTFORD, CONN.

made by *Grammes*

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Cabinet Hardware
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Metal Trimmings**



Established 1875

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PRODUCTS**

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- Wire Formings
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- Advertising Specialties
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- Card Holders
- Calendar Supplies
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GRAMMES is a reliable source for metal products well made and nicely finished. Radio leaders come to Grammes for their *Log Chart Holders*—adjustable and one-piece. In large assortment of styles and sizes.

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New York Office—25 West 43rd St.

(See Also Our .1d. on Page 87)

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 Angeles, Cal.
 Hershey Metal Products Co.,
 Seymour Ave. & Hawkins
 St., Derby, Conn.
 Hubbard Spring Co., M. D.,
 Pontiac, Mich.
 Janney, Steinmetz & Co.,
 Philadelphia, Pa.
 Jiffy — see Apex Stamping
 Co.
 Hubbard Spring Co., M. D.,
 Pontiac, Mich.
 Kings Mfg. Co., 32 33d St.,
 Brooklyn, N. Y.
 Kirchen Machine Co., 113 S.
 Larch St., Lansing, Mich.
 ✓ Lamination Stamping Co.,
 764 Windsor St., Hartford,
 Conn. See advertisement,
 page 159.
 Lenz Metal Stamping Works,
 J., 199 Franklin St., New
 York, N. Y.
 Leyse Aluminum Co., Kewau-
 nee, Wis.
 Liberty Screw Products Co.,
 383 Schrewsbury St., Wor-
 cester, Mass.
 Livermore, Homer F., 10 Lin-
 den St. (Allston), Boston,
 Mass.
 Lovejoy Chaplet Co., Hoosick
 Falls, N. Y.
 Lundquist Tool & Mfg. Co.,
 144 Green St., Worcester,
 Mass.
 Mattatuck Mfg. Co., E. Main
 St., Waterbury, Conn.
 Mayer & Co., Geo. J., 36 S.
 Meridian St., Indianapolis,
 Ind.
 Metalcraft & Tool Co., 202
 Pennsylvania Ave., Hill-
 side, N. J.
 Miller Lock Works, 4530
 Tacony St. (Frankfort),
 Philadelphia, Pa.
 Millimeter Machine Works,
 542 W. 22d St., New York,
 N. Y.
 Moeller Machine Co., 2714 S.
 Canal St., Chicago, Ill.
 Motor Specialties Corp., Ft.
 of Elliott Ave., Detroit,
 Mich.
 Mucher, John J., 109
 Lafayette St., New York,
 N. Y.
 New England Pressed Steel
 Co., Natick, Mass.
 Novelty Mfg. Co., Water-
 bury, Conn.
 Parker-Aeolus Corp., 161
 Grand St., New York, N. Y.
 Parker Metal Goods Co., 28
 Cherry St., Worcester,
 Mass.
 Parker White-Metal & Ma-
 chine Co., Railroad & 23d
 Sts., Erie, Pa.

Patton-MacGuyer Co., Baker
 St. & Virginia Ave., Prov-
 idence, R. I.
 Paul & Beekman Mfg. Co.,
 1722 N. Fifth St., Philadel-
 phia, Pa.
 Powell Pressed Steel Co.,
 Hubbard, Ohio
 Schoonmaker Insulation Co.,
 A. O., 30 University Pl.,
 New York, N. Y.
 ✓ Scovill Mfg. Co., Waterbury,
 Conn. See advertisement,
 page 161.
 Simmons Mfg. Co., 340E
 Perkins Ave., Cleveland,
 Ohio
 Stanley Works (Special Pro-
 duction Dept.) Grave &
 Hill Sts., New Britain
 Conn.
 Steele & Johnson Mfg. Co.,
 779 S. Main St., Water-
 bury, Conn.
 ✓ Toaz Engineering & Sales
 Co., 11703 Robertson Ave.,
 Cleveland, Ohio. See ad-
 vertisement, page 167.
 Toledo Pressed Steel Co.,
 Toledo Factories Bldg.,
 Toledo, Ohio
 Triangle Atlantic Corp., 349
 Adams St., Brooklyn, N. Y.
 Union Radio Corp., 124 Sus-
 sex Ave., Newark, N. J.
 Union Spinning & Plating
 Co., 67 Sudbury St., Bos-
 ton, Mass.
 United Metal Stamping &
 Radio Co., 411 E. Pearl
 St., Cincinnati, Ohio
 Vesco Radio Co., 6428 E.
 14th St., Oakland, Cal.
 ✓ Warner Bros. Co., Metal
 Division, Bridgeport, Conn.
 See advertisement, page
 161.
 Waterbury Mfg. Co., 236
 Grant St., Waterbury,
 Conn.
 Wheeler & Son, Frank, Meri-
 den, Conn.

Schwerdtle Stamp Co., 41
 Cannon St., Bridgeport,
 Conn.
 Stafford Co., N., 96 Fulton
 St., New York, N. Y.

**STANDS, Radio—
see Tables, Radio**

STAPLES, Insulated
 Blake Signal & Mfg. Co., 221
 High St., Boston, Mass.

**STATIC CHOKERS—
see Reducers, Static**

**STATIC
ELIMINATORS—
see Reducers, Static**

**STATIC FILTERS—
see Reducers, Static**

**STATIC REDUCERS—
see Reducers, Static**

**STATIC TRAPS—
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**STEEL ANTENNA
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see Wire, Copper Clad Steel**

**STEEL STAMPS—
see Stamps, Steel**

**STEEL TOWERS—
see Towers, Steel**

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 Haven, Conn.
 Krautz & Co., Fred C., 2633
 W. Lake St., Chicago, Ill.
 Mechanical Engraving Co.,
 130 Orchard St., Newark,
 N. J. "Meco"
 Meco—see Mechanical En-
 graving Co.
 Meyer & Wenthe, 24 S. Jef-
 ferson St., Chicago, Ill.
 Murdock Stamp & Specialty
 Co., 123 W. Pearl St., Cin-
 cinnati, Ohio
 Ness, Jr., Geo. M., 61 Fulton
 St., New York, N. Y.
 Nobel & Westbrook Mfg. Co.,
 19 Asylum St., Hartford,
 Conn.
 ✓ Schmidt, Inc., Geo. T., 1800
 Belle Plais Ave., Chicago,
 Ill. See advertisement,
 page 98.

STOCKS, Die
 Armstrong Bros. Tool Co.,
 304 N. Francisco Ave., Chi-
 cago, Ill.
 Besly & Co., Charles H., 118
 N. Clinton St., Chicago, Ill.
 Brubaker & Bros., W. L., 50
 Church St., New York,
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Universal Coupler	4.00
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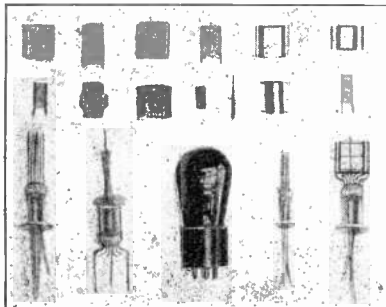
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Stampings
Screws (Machine)
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**STOPPING
CONDENSERS—**

see Condensers, Fixed

STOPS, Switch—

see Contacts, Switch

**STORAGE
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see Batteries, A Storage
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STRIPS, Binding Post

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Park Pl., New York, N. Y.

Ajax—see Philmore Mfg. Co.

Allied Radio Co., 108 Green-
wich St., New York, N. Y.

American Hard Rubber Co.,
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N. Y. "Radion"

Amsco Products, Inc., 416
Broome St., New York,
N. Y.

Cleveland Products Co., 714
Huron Rd., Cleveland, Ohio

Cortlandt Panel Engraving
Co., 81 Cortlandt St., New
York, N. Y.

✓Eby Mfg. Co., H. H., Phila-
delphia, Pa. See adver-
tisement, page 111.

Forest City Rubber Co., 1276
Ontario St., Cleveland,
Ohio

Hornig, August W., 3921
Dickens Ave., Chicago, Ill.

✓Insulating Company of Amer-
ica (Radio Panel & Parts
Corp.), 59 Warren St., New
York, N. Y. See advertise-
ment, page 96.

Mucher, John J., 109 La-
fayette St., New York, N. Y.

National Electric Co., 165
Broadway, New York,
N. Y.

Philmore Mfg. Co., 105
Chambers St., New York,
N. Y. "Ajax"

Radio Sales Co., 249 W. 34th
St., New York, N. Y. "Rit-
One"

Radion—see American Hard
Rubber Co.

Rit-One—see Radio Sales Co.
Shaw Insulator Co., 150 Colt
St., Irvington, N. J.

Stafford Radio Co., 29 New-
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see Brackets, Sub-Panel

**SUB-PANELS,
Wired—**

see Boards, Wired Base

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also Rectifiers, Plate Cur-
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TUBE,**

Manufacturers of
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✓S & S Mfg. Corp., 89 Little-
ton Ave., Newark, N. J.
See advertisement, page
161.

SWITCH CONTACTS—

see Contacts, Switch

SWITCH LEVERS—

see Switches, Panel Lever

SWITCH POINTS—

see Contacts, Switch

SWITCH STOPS—

see Contacts, Switch

SWITCHES,**Anti-Capacity—**

see Switches, Cam

SWITCHES,**Automatic Antenna—**

see Relays, Cut-In

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Mich.Paragon Electric Co., 409 S.
Dearborn St., Chicago, Ill.Tork Co., 8 W. 40th St.,
New York, N. Y.**SWITCHES,****Baby Knife**

Bestone—see Hyman & Co.

Circle T—see Trumbull Elec-
tric Mfg. Co.Frost, Herbert H., 314 W.
Superior St., Chicago, Ill.Globe Phone Mfg. Co., Read-
ing, Mass.Hart & Hegeman Mfg. Co.
342 Capitol Ave., Hartford,
Conn. "H & H"Heinemann Electric Co., 1736
N. Fifth St., Philadelphia,
Pa. "Sensory"H & H—see Hart & Hege-
man Mfg. Co.Hyman & Co., Henry, 220
W. 14th St., New York,
N. Y. "Bestone"Magnus Electric & Radio
Mfg. Corp., 787 E. 138th
St., New York, N. Y.Mar-Co—see Martin-Copeland
Co.Martin-Copeland Co., 101
Sabin St., Providence,
R. I. "Mar-Co"Morse Co., Frank W., 239
Congress St., Boston, Mass.Muter Co., Leslie F., 76th
St. & Greenwood Ave.,
Chicago, Ill.New Haven Switch Co.,
North Haven, Conn.Parker-Aeolus Corp., 161
Grand St., New York, N. Y.Sensory — see Heinemann
Electric Co.Swan-Haverstick, Inc., 143
E. State St., Trenton, N. J.Trumbull Electric Mfg. Co.,
Plainville, Conn. "Circle T"Trumbull-Vanderpool Electric
Mfg. Co., Bantam, Conn.**SWITCHES, Battery—**see Switches, Baby Knife
also Switches, Push-Pull**SWITCHES, Cam**Carter Radio Co., 300 S.
Racine Ave., Chicago, Ill.Essex Mfg. Co., 40 Lawrence
St., Newark, N. J.Federal Telephone Mfg. Corp.
Buffalo, N. Y.General Instrument Corp., 423
Broome St., New York,
N. Y.Leich Electric Co., Genoa,
Ill.Mohawk Corp. of Illinois,
2222 Diversey Parkway,
Chicago, Ill.Yaxley Mfg. Co., 217 N. Des-
plaines St., Chicago, Ill.**SWITCHES, Clock—**see Switches, Automatic
Clock**SWITCHES, Combina-
tion Pilot Light**Carter Radio Co., 300 S.
Racine Ave., Chicago, Ill.Celco—see Central Engineer-
ing Laboratories✓Central Engineering Labora-
tories, 3345 N. Lincoln
St., Chicago, Ill. "Celco"
See advertisement, page
175.Metro Electric Mfg. Co., 123
Prince St., New York,
N. Y.Yaxley Mfg. Co., 217 N.
Desplaines St., Chicago,
Ill.**SWITCHES, Inductance**see also Switches, Panel
LeverAjax—see Philmore Mfg. Co.
American Specialty Co., 168
Holland Ave., Bridgeport,
Conn. "Kelford"Ireco Radio Corp., 687 Court-
land Ave., New York,
N. Y.Bruno Radio Corp., 221 Ful-
ton St., New York, N. Y.Carter Radio Co., 300 S.
Racine Ave., Chicago, Ill.D. & B. Radio Service, 419
Riopelle St., Detroit, Mich.Forman & Co., 366 Green-
wich St., New York, N. Y.
"Un-X-Ld"Giffilan Bros., 1815 W. 16th
St., Los Angeles, Cal.H. K.—see Knoop & Pence
Co.Jones Radio Mfg. Co., Jos.
W., 40 W. 25th St., New
York, N. Y.Kelford—see American Spe-
cialty Co.✓Kellogg Switchboard & Sup-
ply Co., 1066 W. Adams
St., Chicago, Ill. See In-
side Back Cover.Keystone Radio Co., College
Ave. & Craig St., Green-
ville, Pa.King Quality Products, Inc.,
Rano St., Buffalo, N. Y.Knoop & Pence Co., Peotone,
Ill. "H. K."Magnus Electric & Radio
Mfg. Corp., 787 E. 138th
St., New York, N. Y.Mar-Co — see Martin-Cope-
land Co.Martin-Copeland Co., 101
Sabin St., Providence,
R. I. "Mar-Co"Philmore Mfg. Co., 166
Chambers St., New York,
N. Y. "Ajax"Radio Engineering Co., 16
Union Ave., New Rochelle,
N. Y.✓Teleradio Engineering Corp.,
490 Broome St., New York,
N. Y. Cataloged on page
152.United Radio Mfg. Co., 191
Greenwich St., New York,
N. Y.

Un-X-Ld—see Forman & Co.

Walnart Electric Mfg. Co.,
308 Green St., Chicago, Ill.Yaxley Mfg. Co., 217 N. Des-
plaines St., Chicago, Ill.

SWITCHES, Knife—

see *Switches, Baby Knife*
also *Switches, Standard Knife*

SWITCHES, Lever—

see *Switches, Panel Lever*

SWITCHES, Lightning

see also *Arresters, Lightning*

✓*Aerovox Wireless Corp., 489-93 Broome St., New York, N. Y. See advertisement, page 43.*

Barkeley Electric Mfg. Co., Middletown, Ohio

Heinemann Electric Co., 1736 N. Fifth St., Philadelphia, Pa. "Sensory"

Sensory — see *Heinemann Electric Co.*

SWITCHES, Lock

see also *Switches, Push-Pull*

Carter Radio Co., 300 S. Racine Ave., Chicago, Ill. "Imp"

Cutler-Hammer Mfg. Co., Milwaukee, Wis. "Radiolac"

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"

Erla — see *Electrical Research Laboratories*

Fischer Spring Co., Chas., 240 Kent Ave., Brooklyn, N. Y.

Imp—see *Carter Radio Co.*

Keelok—see *Metro Electric Mfg. Co.*

Metro Electric Mfg. Co., 123 Prince St., New York, N. Y. "Keelok"

Radiolac — see *Cutler-Hammer Mfg. Co.*

SWITCHES, Multiple Speaker, Testing

For comparing different Loud Speakers

✓*Parcells & Co., 68 W. Washington St., Chicago, Ill. "Temple" See advertisement, page 152.*

Temple—see *Parcells & Co.*

SWITCHES, Multiple-point Voltmeter

✓*Weston Electrical Instrument Corp., 157 Weston Ave., Newark, N. J. See advertisement, page 12.*

SWITCHES, Panel Lever

see also *Switches, Inductance*

✓*Aerovox Wireless Corp., 489-93 Broome St., New York, N. Y. See advertisement, page 43.*

A. & F. Electrical Mfg. Co., 2256 N. Keeler Ave., Chicago, Ill.

Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"

Ajax—see *Philmore Mfg. Co.*

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.

Amsco Products, Inc., 416 Broome St., New York, N. Y.

Bennington Radio & Electric Mfg. Co., 522 Main St., Bennington, Vt. "Bremco"

Boone Radio Corp., J. T., 3469 E. Jefferson Ave., Detroit, Mich.

Branson, Chas. A., 813 Main St., Buffalo, N. Y.

Bremco—see *Bennington Radio & Electric Mfg. Co.*

Chapman Machine Co., Terryville, Conn.

Chelton Electric Co., 4861 Stenton Ave., Philadelphia, Pa.

✓*DeJur Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.*

Fada—see *Andrea, F. A. D.*

Federal Telephone Mfg. Corp., Buffalo, N. Y.

Fixt-Post—see *Mydar Radio Co.*

Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio

✓*General Radio Co., Cambridge, Mass. See advertisement, page 47.*

Gillilan Bros., 1815 W. 16th St., Los Angeles, Cal.

Green Seal — see *Air-Way Electric Appliance Corp.*

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

Heinemann Electric Co., 1736 N. Fifth St., Philadelphia, Pa. "Sensory"

H & H—see *Hart & Hegeman Mfg. Co.*

Hipco—see *Hipwell Mfg. Co.*

Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa. "Hipco"

Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.

Howard Radio Co., 469 E. Ohio St., Chicago, Ill.

Keystone Radio Co., College Ave. & Craig St., Greenville, Pa.

King Quality Products, Inc., Rano St., Buffalo, N. Y.

Magnus Electric & Radio Mfg. Corp., 787 E. 128th St., New York, N. Y.

Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada."

Mohawk Corp. of Illinois, 2222 Diversey Parkway, Chicago, Ill.

Morse Co., Frank W., 289 Congress St., Boston, Mass.

Muzada—see *Mazda Radio Mfg. Co.*

Mydar Radio Co., 9 Campbell St., Newark, N. J. "Fixt-Post"

Parkin Mfg. Co., Grand Ave., San Rafael, Cal.

Philmore Mfg. Co., 106 Chambers St., New York, N. Y. "Ajax"

Radio Sales Co., 249 W. 34th St., New York, N. Y. "Rit-One"

Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.

Rit-One—see *Radio Sales Co.*

Seiss Mfg. Co., Phillips Ave. & N. Y. C. R.R., Toledo, Ohio

Sensory — see *Heinemann Electric Co.*

Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.

Waterbury Button Co., Waterbury, Conn.

SWITCHES, Push-Pull

Adams Radio Mfg. Co., 1044 W. Van Buren St., Chicago, Ill.

Ajax—see *Philmore Mfg. Co.*

Allen-Bradley Co., 286 Greenfield Ave., Milwaukee, Wis. "Bradleyswitch"

Anticap — see *Sharp Spark Plug Co.*

Benjamin Electric Mfg. Co., 847 W. Jackson Blvd., Chicago, Ill.

B. M. S. — see *Brooklyn Metal Stamping Corp.*

Bradleyswitch — see *Allen-Bradley Co.*

✓*Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. "B. M. S." Cataloged on page 63.*

Celco—see *Central Engineering Laboratories*

✓*Central Engineering Laboratories, 3345 N. Lincoln St., Chicago, Ill. "Celco" See advertisement, page 175.*

Central Radio Laboratories, 14 Keefe Ave., Milwaukee, Wis. "Centralab"

Centralab—see *Central Radio Laboratories*

C-H — see *Cutler-Hammer Mfg. Co.*

Chicago Electric Mfg. Co., 2801 S. Halsted St., Chicago, Ill. "Handy"

**SWITCHES,
Push-Pull
Continued**

C I C—see Connecticut Instrument Co.

Cico — see Consolidated Instrument Co.

Connecticut Instrument Co., 210 South St., Stamford, Conn. "C I C"

Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn.

Consolidated Instrument Co. of America, 41 E. 42d St., New York, N. Y. "Cico"

Cutler-Hammer Mfg. Co., Milwaukee, Wis. "C-H"

Daniel Specialty Co., 5232 Melrose Ave., Los Angeles, Cal.

Edelmann & Co., E., 2332 Logan Blvd., Chicago, Ill. "Jumbo"

Electric City Novelty & Mfg. Co., 120 Odell St., Schenectady, N. Y. "Radjo"

Fenton, N., 57 Murray St., New York, N. Y.

Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

Handy—see Chicago Electric Mfg. Co.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

H & H—see Hart & Hegeman Mfg. Co.

Jiffy—see Premier Electric Co.

Jones Radio Mfg. Co., Jos. W., 40 W. 25th St., New York, N. Y.

Jumbo — see Edelmann & Co.

✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See inside Back Cover.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Mar-Co — see Martin-Copeland Co.

Martin-Copeland Co., 101 Sabin Ave., Providence, R. I. "Mar-Co"

Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"

Metro Electric Mfg. Co., 123 Prince St., New York, N. Y.

Millimeter Machine Works, 542 W. 22d St., New York, N. Y.

Morse Co., Frank W., 289 Congress St., Boston, Mass.

Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill.

Muzada—see Mazda Radio Mfg. Co.

Pacent Electric Co., 91 Seventh Ave., New York, N. Y.

Phillmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

Preferred Radio Products Corp., 408 E. 93d St., New York, N. Y.

Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill. "Jiffy"

Prompto—see Sampter Radio Corp.

Radjo—see Electric City Novelty & Mfg. Co.

Sampter Radio Corp., 34 35th St., Brooklyn, N. Y. "Prompto"

Saturn Mfg. & Sales Co., 48 Beekman St., New York, N. Y.

Sharp Spark Plug Co., Bennett St., Wellington, Ohio "Anticap"

Tiffany Mfg. Co., 42 Spring St., Newark, N. J.

Walbert Mfg. Co., 945 Wrightwood Ave., Chicago, Ill.

**SYNTHETIC
CRYSTALS—**

see Crystals

**SYNTHETIC QUARTZ
INSULATION—**

see Insulation, Synthetic Quartz

**SYRINGES,
Hydrometer—**

see Hydrometers, Battery

**SWITCHES,
Standard Knife**

Barkeley Electric Mfg. Co., Middletown, Ohio.

Circle T—see Trumbull Electric Mfg. Co.

General Electric Co., 1 River Rd., Schenectady, N. Y.

Metropolitan Electric Mfg. Co., East Ave. & 14th St., Long Island City, N. Y. "Naro"

Naro—see Metropolitan Electric Mfg. Co.

Safelock—see Westinghouse Electric & Mfg. Co.

Trumbull Electric Mfg. Co., Plainville, Conn. "Circle T"

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa. "Safelock"

TABLES, Radio

Adapto—see Donehue Corp.

A-1 Woodworking Co., 1338 San Julian St., Los Angeles, Cal.

Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ill.

Artone — see Berg Auto Trunk & Specialty Co.

Bay View Furniture Co., Holland, Mich.

Bear Furniture Co., G H., Allentown, Pa.

✓Berg Auto Trunk & Specialty Co., Long Island City, N. Y. "Artone" See advertisement, page 32.

Case — see Indiana Mfg. & Electric Co.

Caswell-Runyan Co., Huntington, Ind.

Cook Co., C. A., 18 Osborne St., Cambridge, Mass.

Corbett Cabinet Mfg. Co., St. Marys, Pa.

Crescent Chair Co., Plymouth, Wis.

Detroit Woodcraft Corp., 4611 Woodward Ave., Detroit, Mich.

Donehue Corp., L. R., 112 Smith St., Perth Amboy, N. J. "Adapto"

Elgin Phonograph & Novelty Co., West Chicago & Union Sts., Elgin, Ill.

Excello Products Corp., 4826 W. 16th St., Cicero, Ill.

Express Body Corp., 44 Lake St., Crystal Lake, Ill.

Ferguson, J. R., 41 E. 42d St., New York, N. Y.

Ferguson Brothers Mfg. Co., Hoboken, N. J.

Hagerstown Table Works, Hagerstown, Md.

Harding Mfg. Corp., 1335 Main St., Buffalo, N. Y.

SWITCHES, Time—

see Switches, Automatic Clock

**SWITCHES,
Toggle Battery**

✓Apco Mfg. Co. (Radio Division), Providence, R. I. See advertisement, page 108.

Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn.

Cutler-Hammer Mfg. Co., Milwaukee, Wis.

Frost, Herbert H., 314 W. Superior St., Chicago, Ill.

H & H—see Hart & Hegeman Mfg. Co.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

TABLES, Radio Continued

- Harper Mfg. Co., Cassopolis, Mich. "Peck"
- Holtzman & Sons Co., Henry, 2050 E. Main St., Columbus, Ohio
- Ideal Radio Cabinet Co., 281 Vermont St., Blue Island, Ill.
- Indiana Mfg. & Electric Co., Case Bldg., Marion, Ind. "Case"
- Irving Furniture Factories, 469 Seventh Ave., New York, N. Y.
- Ivey—see Southern Toy Co.
- Jesse Mfg. Co., John O. Bryan, Ohio
- Kelton Mfg. Co., Worcester, Mass.
- Kittinger Co., 1893 Elmwood St., Buffalo, N. Y.
- Knoxville Table & Chair Co., Knoxville, Tenn.
- Lan Sing—see United Engine Co.
- Lux Fibre Furniture Co., Waukesha, Wis.
- Merrell Sash & Door Co., Tom, 170 W. Ocean Blvd., Long Beach, Cal.
- Mueller Fountain & Fixture Co., Decatur, Ill.
- Natural Voice Talking Machine & Radio Cabinet Co., Oneida, N. Y.
- Ogden Sectional Cabinet Co., 700 Salein St., Lynchburg, Va.
- Parker-Young Co., 131 State St., Boston, Mass. "Pyco"
- Peck—see Harper Mfg. Co.
- Pennsylvania Lumber Sales Co., 337 S. Broad St., Philadelphia, Pa. "Twodor"
- Perkins Phonograph Co., 831 N. Wood St., Chicago, Ill.
- Pioneer Cabinet Co., 1500 Union Ave., S. E., Grand Rapids, Mich.
- Pooley Co., 16th St. & Indiana Ave., Philadelphia, Pa.
- Price Co., Albert O., Coshoc-ton, Ohio
- Pyco—see Parker-Young Co.
- Radio Industries Corp., 131 Duane St., New York, N. Y. "Rivoli"
- Radio-Master Corp. of America, Bay City, Mich.
- Richard Mfg. Co., Winooski, Vt.
- Rivoli—see Radio Industries Corp.
- Royal Radio Table Works, 44 Smith St., Brooklyn, N. Y.
- Salisbury Bros. Furniture Co., Randolph, Vt.
- Scheibner, C. O., Wooldridge, Mo.
- Schloss Bros., 801 E. 135th St., New York, N. Y.
- Sextro Furniture Co., Wm., Dalton Ave. & Wilstrach St., Cincinnati, Ohio
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich. "Signola"
- Signola—see Signal Electric Mfg. Co.
- Southern Toy Co., Hickory, N. C. "Ivey"
- Standard Piano Bench Mfg. Co., 1221 W. Lake St., Chicago, Ill.
- Stratton Radio Co., 17 Battery Pl., New York, N. Y.
- Sturm Radio Cabinet Factory, 319 S. Jefferson St., Chicago, Ill.
- Thomson & Thompson Mfg. Corp., 2600 Granby St., Norfolk, Va.
- Twodor—see Pennsylvania Lumber Sales Co.
- Udell Works, 28th St. & Barnes Ave., Indianapolis, Ind.
- United Engine Co., 719 E. St. Joseph St., Lansing, Mich. "Lan Sing"
- Valley Electric Co., 3157 S. Kingshighway, St. Louis, Mo.
- Vitanola Talking Machine Co., American Furniture Mart Bldg., Chicago, Ill. "Vitaradio"
- Vitaradio—see Vitanola Talking Machine Co.
- Watson town Table & Furniture Co., Watson town, Pa.
- Whetzal, Walter M. H. 37 Plum St., Westerville, Ohio
- Windsor Furniture Co., 1422 Carroll Ave., Chicago, Ill.
- Winship & Sons, W. W., Utica, N. Y. See advertisement, page 31.
- Wright De Coster Radio, Inc., 1466 Selby Ave., St. Paul, Minn.
- Dielectric Mfg. Co., Vandeventer & Duncan Ave., St. Louis, Mo.
- Dutch Brand—see Van Cleef Bros.
- Evergrip—see Boston Woven Hose & Rubber Co.
- Firestone Tire & Rubber Co., S. Main St., Akron, Ohio
- General Electric Co. (Merchandise Division) Bridgeport, Conn. See advertisement, page 109.
- Impervo—see Canfield Rubber Co.
- J-M—see Johns-Manville, Inc.
- Johns-Manville, Inc., 296 Madison Ave., New York, N. Y. "J-M"
- Kerite Insulated Wire & Cable Co., 30 Church St., New York, N. Y.
- Linotape—see Mica Insulator Co.
- Mica Insulator Co., 68 Church St., New York, N. Y. "Linotape"
- Munsell & Co., Eugene, 68 Church St., New York, N. Y.
- O. K.—see Appleton Rubber Co.
- Plymouth Rubber Co., Canton, Mass. "Skipknot"
- Radiotape—see Respro, Inc.
- Respro, Inc. (Auburn), Providence, R. I. "Radiotape"
- St. Louis Rubber Cement Co., 3951 Laclede Ave., St. Louis, Mo.
- SI—see Superior Insulating Tape Co.
- Skipknot—see Plymouth Rubber Co.
- Superior Insulating Tape Co., 3046 Lambdin Ave., St. Louis, Mo. "SI"
- United States Rubber Co., 1790 Broadway, New York, N. Y.
- Van Cleef Bros., Woodlawn Ave. & 77th St., Chicago, Ill. "Dutch Brand"
- Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

TAPE, Friction— see Tape, Insulating

TAPE, Insulating

- Ackerman—see Accurate Rubber Co.
- Accurate Rubber Co., 25 Beaver St., New York, N. Y. "Ackerman"
- Appleton Rubber Co., Franklin, Mass. "O. K."
- Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill. "Beldentape"
- Beldentape—see Belden Mfg. Co.
- Boston Woven Hose & Rubber Co., Cambridge, Mass. "Bull Dog" "Evergrip"
- Bull Dog—see Boston Woven Hose & Rubber Co.
- Canfield Rubber Co., Bridgeport, Conn. "Impervo"
- Chicago Mica Co., Lincoln & Campbell Sts., Valparaiso, Ind.
- Clifton Mfg. Co., 5 Brookside Ave., Boston, Mass.

TAPER REAMERS— see Reamers, Taper

TAPS AND DIES

- Armstrong Bros. Tool Co., 304 N. Francisco Ave., Chicago, Ill.
- Bay State Tap & Die Co., 75 Chauncey St., Mansfield, Mass.
- Brubaker & Bros., W. L., 50 Church St., New York, N. Y.
- Butterfield & Co., (Div. Union Twist Drill Co.), Derby Line, Vt.
- Conant & Donelson Co., Conway, Mass.
- Detroit Twist Drill Co., 2108 W. Fort St., Detroit, Mich.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

TOAZ

**TERMINALUGS—
DUBBELUGS—
SOCKETS—
SPRINGS—
STAMPINGS—**



We are now prepared to supply Dubbelugs in the following standard lengths. C to C holes: $\frac{3}{4}$ " 1 $\frac{1}{2}$ " 2 $\frac{1}{4}$ " 3 $\frac{1}{2}$ " 5" and 6 $\frac{1}{4}$ ". Overall lengths, 1 $\frac{1}{8}$ " 2 $\frac{1}{8}$ " 3 $\frac{1}{8}$ " 4 $\frac{1}{4}$ " 5 $\frac{1}{8}$ " and 6 $\frac{3}{8}$ ". \$7.50 per M inches, list.

"Lets you build without solder"

We make up Sockets—
Single, in strips or
in sub-panel assembly.



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& SALES CO.**

11703 Robertson Ave.
Cleveland, Ohio

PAT.
PEND.

Makers of Toaz Terminalugs



**RAJAH SOLDERLESS
SNAP TERMINALS**

Instantaneous in Operation—Positive Contact. For Panel, Ground and Battery Connections.



Patented Sept. 23rd, 1924.

The Base Stud is tapped and furnished with #32 screw and washer. This fits all "B" Batteries with screw posts.

RAJAH

**Ground
Connection**



Used on
TUNGAR,
RECTIGON,
PHILCO and
EXIDE.

Terminal, complete, either style15c

Extra Base Studs5c

RAJAH AUTO SUPPLY COMPANY
Bloomfield, New Jersey

**TAPS AND DIES
Continued**

- Greenfield Tap & Die Corp., Greenfield, Mass.
- Morse Twist Drill & Machine Co., 163 Pleasant St., New Bedford, Mass.
- Pratt & Whitney Co., Hartford, Conn.
- Reed & Prince Mfg. Co., Duncan Ave., Worcester, Mass.
- Russell Mfg. Co., Carpenters Lane, Greenfield, Mass.
- Standard Tool Co., 6900 Central Ave., Cleveland, Ohio
- Toledo Tap & Die Co., Clinton St. & Oakwood Ave., Toledo, Ohio

**TELEGRAPH KEYS—
see Keys, Transmitting**

**TELEPHONE
CONNECTORS,
Multiple—**

see Boxes, Multiple Phone also Plugs, Multiple Phone also Posts, Multiple Connection.

**TELEPHONE CORD—
see Cord, Flexible Tinsel
also Plugs, Single Phone**

**TELEPHONE
CORDS—
see Cords, Telephone**

**TELEPHONE
CUSHIONS—
see Cushions, Rubber
Phone**

**TELEPHONE
PLUGS—
see Plugs, Multiple Phone**

**TELEPHONE
RECEIVERS—
see Head-Sets**

**TELEPHONES,
Head—
see Head-Sets**

**TEMPLATES,
Instrument
Mounting—
see Jigs, Mounting**

**TENSION SPRINGS,
Antenna—
see Springs, Antenna Tension**

**TERMINALS,
Phone Cord—
see Tips, Cord**

- TERMINALS, Wire**
- Ajax—see Philmore Mfg. Co.
 - Amsco Products, Inc., 416 Broome St., New York, N. Y.
 - Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.
 - Dallas Brass & Copper Co., 820 Orleans St., Chicago, Ill.
 - DeJure Products Co., Lafayette & Broome Sts., New York, N. Y. See advertisement, page 50.
 - Economy Screw Corp., 5218 Ravenswood Ave., Chicago, Ill.

**TERMINALS, Wire
Continued**

- Elm City—see Mersick & Co.
 General Electric Co., 1 River Rd., Schenectady, N. Y.
 General Stamping Works, 243 E. 24th St., New York, N. Y.
 Glamzo, Paul, 203 Lafayette St., New York, N. Y.
 Guarantee Specialty Mfg. Co., 5100 Superior Ave., Cleveland, Ohio
 Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
 Heintz & Kohlmoos, 221 Natoma St., San Francisco, Cal.
 H & H—see Hart & Hegeman Mfg. Co.
 ✓Kelllogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover
 Lastite—see Stevens Co.
 Liberty Transformer Co., 123 N. Sangamon St., Chicago, Ill.
 Mersick & Co., C. I., New Haven, Conn. "Elm City"
 Morse Co., Frank W., 289 Congress St., Boston, Mass.
 Ohio Parts Co., Colerain & Monmouth Aves., Cincinnati, Ohio
 Orbit Coil Co., 6 Howard St., New York, N. Y.
 Patton-MacGuyer Co., Baker St. & Virginia Ave., Providence, R. I.
 Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"
 Pollak Tool & Stamping Co., Joseph, 81 Freepport St., Boston, Mass.
 ✓Rajah Auto Supply Co., Bloomfield, N. J. See advertisement, page 167.
 ✓Scovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.
 ✓Shakeproof Lock Washer Co., 2517 N. Keeler Ave., Chicago, Ill. See advertisement, page 198.
 Sherman Mfg. Co., H. B., Battle Creek, Mich.
 Stevens Co., William, 27 Hammatt Rd., Roslindale, Mass. "Lastite"
 ✓Toaz Engineering & Sales Co., 11703 Robertson Ave., Cleveland, Ohio. See advertisement, page 167.
 Waterbury Brass Goods Co., Waterbury, Conn.
 Waterbury Button Co., Waterbury, Conn.
 Zlerick Machine Works, F. R., 6 Howard St., New York, N. Y.

TEST CLIPS—

see Clips, Electrical Test

TEST SETS—

see Sets, Electrical Testing

TEST TUBES—

see Tubes, Glass B Battery

TESTERS, Battery—

see Hydrometers

TESTING INSTRUMENTS, Electrical—

see Sets, Electrical Test

TESTING INSTRUMENTS, Tube—

see Instruments, Tube Testing

TESTING SWITCHES, Toggle Battery

see Switches, Multiple Speaker Testing

TEXTILE HORNS, Impregnated—

see Horns, Impregnated Textile

TIME SWITCHES—

see Switches, Automatic Clock

TIN FOIL—

see Foil, Tin

TINNED COPPER ANTENNA WIRE—

see Wire, Single Strand Copper

TINSEL CORD—

see Cord, Flexible Tinsel

TIPS, Cord

For Tip Jacks—see Jacks, Cord Tip

Ajax—see Philmore Mfg. Co.

Barkeley Electric Mfg. Co., Middletown, Ohio

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.
 Carey & Son, F. W., Warren, Mass.

Illinois Radio Co., 800 S. Fourth St., Springfield, Ill.
 McCall Novelty Co., 631 W. Edwards Co., Springfield, Ill.

Morse Co., Frank W., 289 Congress St., Boston, Mass.
 Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

TOGGLE BATTERY SWITCHES—

see Switches, Toggle Battery

TONE ARMS, Phonograph —

see Adapters, Phonograph

TOOLS, Bezel Beading

✓Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.

TOOLS, Bus Bar Bending

Bend-Rite—see Nestor Mfg. Co.

Nestor Mfg. Co., 40 W. 13th St., New York "Bend-Rite"

North Bros. Mfg. Co., American & Lehigh Aves., Philadelphia, Pa. "Yankee"

Radiogem Corp., 66 West Broadway, New York, N. Y. "Ragemco"

Ragemco — see Radiogem Corp.

✓Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.

Yankee — see North Bros. Mfg. Co.

TOOLS, Condenser Cleaning—

see Cleaners, Condenser

TOOLS, Wire Stripping

Acme—see Laubscher, August.

TOOLS, Wire Stripping Continued

- Laubscher, August, 77 Fort Pleasant Ave., Springfield, Mass. "Acme"
- Schollhorn Co., Wm., 414 Chapel St., New Haven, Conn.
- ✓Stevens & Co., 375 Broadway, New York, N. Y. Cataloged on page 198.

TORCHES, Alcohol

- ✓Apex Stamping Co., Riverdale, Ill. "Jiffy" See advertisement, page 199.
- Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J. "Solderral"
- Duplex—see Peerblow Mfg. Co.
- Gaffney Co., Jas. A., 35 Warren St., New York, N. Y.
- Hunt-Lasher Co., 202 Harrison Ave., Boston, Mass. "Selfblo"
- Jiffy—see Apex Stamping Co.
- Lenk Mfg. Co., 34 Portland St., Boston, Mass.
- Peerblow Mfg. Co., Leetsdale, Pa. "Duplex"
- Selfblo—see Hunt-Lasher Co.
- Solderral—see Brach Mfg. Co.

TORCHES, Blow—

see Torches, Alcohol

TOROIDAL COILS—

see Transformers, Tuned Radio Frequency

TOWERS, Steel

For Steel Poles
—see Poles, Steel

- Aermotor Co., 2500 W. Roosevelt Rd., Chicago, Ill.
- Archbold-Brady Co., Syracuse, N. Y.
- Burrell Co., J. R., 714 N. Cambridge Ave., Milwaukee, Wis. "Eagle"
- Coombs & Co., R. D., 30 Church St., New York, N. Y.
- Eagle—see Burrell Co.
- Hercules—see Hull & Co.
- Herrick Iron Works, 18th & Campbell Sts., Oakland, Cal.
- Hull & Co., S. D., 2048 E. 79th St., Cleveland, Ohio. "Hercules"
- Kedmont Mfg. Co., 220 S. State St., Chicago, Ill. "Kraco"
- Kraco—see Kedmont Mfg. Co.

- Milliken Bros. Mfg. Co., Woolworth Bldg., New York, N. Y.
- Pacific Coast Steel Co., Rialto Bldg., San Francisco, Cal.
- Riter-Conley Co., Pittsburgh, Pa.
- Stover Mfg. & Engine Co., Freeport, Ill. "Windmill"
- United States Wind Engine & Pump Co., Batavia, Ill.
- Windmill—see Stover Mfg. & Engine Co.

TRANSFERS, Decalcomania

- Bruno Radio Corp., 221 Fulton St., New York, N. Y.
- Commerford Co., 446 Adelphia St., Brooklyn, N. Y.
- Kwik-Way—see Meyercord Co.
- Meyercord Co., 131 W. Washington St., Chicago, Ill. "Kwik-Way"
- National Decalcomania Corp., 236 N. 60th St., Philadelphia, Pa.
- Nu-Life Auto Aid Co., Hartford, Conn.
- Palm Brothers Decalcomania Co. (South Norwood), Cincinnati, Ohio
- Palm, Fechter Co., 67 Fifth Ave., New York, N. Y.

TRANSFERS, Engraving—

see Transfers, Decalcomania

TRANSFORMERS, Audio Frequency

- Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.
- Advance Radio Mfg. Co., 1420 S. Michigan Ave., Chicago, Ill.
- Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"
- Algo—see Algonquin Electric Co.
- Algonquin Electric Co., Poughkeepsie, N. Y. "Algo"
- ✓All-American Radio Corp., 4201 Belmont Ave., Chicago, Ill. "Rauland-Lyric" See advertisement, page 161.
- Amaco—see American Apparatus Co.
- Ambassador Sales Co., 108 Greenwich St., New York, N. Y.
- American Apparatus Co., 30 N. 19th St., Richmond, Ind. "Amaco"
- American Specialty Co., 168 Holland Ave., Bridgeport, Conn. "Kelford"
- ✓American Transformer Co., 178 Emmet St., Newark, N. J. "AmerTran" Cataloged on page 170.
- AmerTran—see American Transformer Co.
- ✓Anylite Electric Co., Fort Wayne, Ind. "King Cole" See advertisement, page 126.
- ✓Apco Mfg. Co. (Radio Division), Providence, R. I. See advertisement, page 108.
- Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ill. "Microdyne"
- Atwater Kent Mfg. Co., 4700 Wissahickon Ave., Philadelphia, Pa.
- Benwood-Linze Co., 1129 Olive St., St. Louis, Mo.
- Bestone—see Hyman & Co.
- Betts & Betts Corp., 645 W. 43d St., New York, N. Y.
- Boone Radio Corp., J. T., 3469 E. Jefferson Ave., Detroit, Mich.
- Brach Mfg. Co., L. S., 127 Sussex Ave., Newark, N. J. "Pur-a-Tone"
- Brandes Products Corp., 233 Broadway, New York, N. Y.
- Branston, Chas. A., 813 Main St., Buffalo, N. Y.
- Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.
- ✓Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "B. T. Euphonic" See advertisements, pages 49, 127, 133 and 171.
- B. T. Euphonic—see Bremer-Tully Mfg. Co.
- Buell Mfg. Co., 2975 Cottage Grove Ave., Chicago, Ill.
- Campbell Mfg. Co., 19 Stewart St., Lynn, Mass.
- Cardwell Mfg. Corp., Allen D., 81 Prospect Ave., Brooklyn, N. Y.
- Case—see Indiana Mfg. & Electric Co.
- Chelsea Radio Co., 150 Fifth St., Chelsea, Mass.
- Columbia Radio Corp., 155 N. Union St., Chicago, Ill.
- Cono Apparatus Corp., 343 Kelley St., Manchester, N. H.
- Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn.
- Consomello—see Mazda Radio Mfg. Co.
- Conrad Bros., 1609 Cooper Ave., Evergreen, L. I., N. Y.
- Coto-Coil Co., 87 Willard Ave., Providence, R. I.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

KARAS Harmonik Audio Frequency Transformers

—the transformer which in one season took the whole country by storm, and revolutionized all old ideas of the musical possibilities of radio reception.

Endorsed by leading engineers and technical editors as the pinnacle of perfection in audio frequency amplification. Used exclusively by home building experts who are in touch with the latest developments and demand the best.



Marvelous Musical Reception

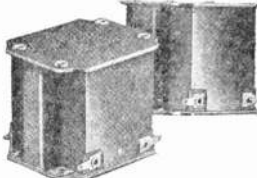
Karas Engineers solved for the first time, the problem of amplifying high, low, and medium audio frequencies to an equal degree. As a result, Karas Harmonik Transformers are the means of bringing out bass notes in their full strength and rich tone quality. The vital harmonics and rich overtones, formerly lost in amplifying radio reception, are all retained in their natural beauty. The radio music you hear in your

home is the same music played in the studio. When Karas Harmoniks are used for amplification, even music critics find it a delightful pleasure to listen to the music that pours forth from the loud speaker.

Karas Harmoniks are made in only one All Stage Ratio. "What's right for the first stage is right for the second." The price is \$7 each. No store claiming to carry quality radio merchandise can afford to be without this masterpiece of transformers.

KARAS ELECTRIC CO.
4040 N. Rockwell St., Chicago

AMERTRAN Radio Products



1st Stage and 2nd Stage

De Luxe Audio Transformers

A new Audio Frequency Transformer of moderate size and weight with unusually straight line frequency characteristic over entire audible range down to lowest tones broadcast. List, \$10.00 each East of Rockies.



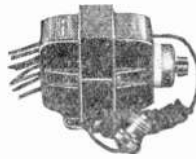
Type AF-6 and AF-7 Audio Transformers

Long recognized as the standard in audio frequency amplification. List, \$5.00 East of Rockies. One year guarantee on all AMERTRAN transformers. Direct-to-dealer policy for all trade East of Rockies. Jobbers serving all trade West of Rockies. Write for descriptive catalog.



The AMERCHOKE

A choke coil for use in filter circuits with current capacity up to 60 millamps. List, \$6.00.



Power Transformers, Type PF-15 and PF-52

For use on standard 110 volt, 60 cycle house-lighting circuit. Equipped with 6 ft. lamp cord and plug. List, P F 45, \$15.00 and P F 52, \$18.00.

TRANSFORMERS, Audio Frequency Continued

Crescent Mfg. Co., No. 337 Central Station, Toledo, Ohio.

Danotran—see Ipsen, Henrik

Day-Fan—see Dayton Fan & Motor Co.

Dayton Fan & Motor Co., Dayton, Ohio "Day-Fan"

De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.

Dongan Electric Mfg. Co., 2987 Franklin St., Detroit, Mich.

Doran & Sons, James C., 150 Chestnut St., Providence, R. I. "Equi-Flux"

Dymac—see Electrical Products Mfg. Co.

Eagle Mfg. Co., 72 York St., Jersey City, N. J. "Emcotran"

Eisemann Magneto Corp., 165 Broadway, New York, N. Y.

Eldredge Electrical Corp., 3 Post Office Sq., Springfield, Mass.

Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"

Eloc Radio Corp., 88 E Kinney St., Newark, N. J.

Emcotran—see Eagle Mfg. Co.

Endly, C. C., 22 Sturges Ave., Mansfield, Ohio

Equi-Flux — see Doran & Sons.

Erla—see Electrical Research Laboratories

Essex Mfg. Co., 40 Lawrence St., Newark, N. J.

✓ Farrand Mfg. Co., Thompson Ave. & Court St., Long Island City, N. Y. See advertisement, page 149.

Federal Telephone Mfg. Corp., Buffalo, N. Y.

Firth Radio Corp., 25 Beaver St., New York, N. Y.

F. M. C.—see Ford Radio & Mica Corp.

Ford Radio & Mica Corp., 111 Bleecker St., New York, N. Y. "Supertran" "F. M. C."

Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"

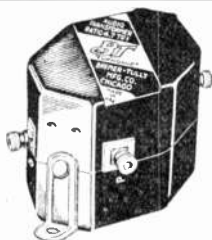
Freed-Eisemann Radio Corp., Manhattan, Bridge Plaza, Brooklyn, N. Y.

General Instrument Corp., 423 Broome St., New York, N. Y.

✓ General Radio Co., Cambridge, Mass. See advertisement, page 47.

American Transformer Co.
178 Emmet St., Newark, N. J.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



2.2 to 1.....\$5.00
4.7 to 1.....\$5.75

B-T Euphonic Audio Transformers

For an Audio Transformer that will back up your highest recommendations—sell B-T Euphonics.

Never has a transformer met with greater response than that which greeted the B-T Euphonic.

New conception of design and construction give improvement that was believed impossible.

Order quick. B-T products never go begging.

BREMER-TULLY MFG. CO., 532 S. Canal St., Chicago, Ill.

TRANSFORMERS, Audio Frequency Continued

- Giffilan Bros., 1815 W. 16th St., Los Angeles, Cal.
- Green Seal—see Air-Way Electric Appliance Corp.
- Haldorson Co., 4745 N. Western Ave., Chicago, Ill.
- Harkness Radio Corp., Kenneth, 727 Frelinghuysen Ave., Newark, N. J.
- Harmonik—see Karas Electric Co.
- Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"
- Hegehog—see Premier Electric Co.
- H & H—see Hart & Hegeman Mfg. Co.
- Holmes Electrical Mfg. Co., 1810 Leland Ave., Chicago, Ill.
- Hyman & Co., Henry, 220 W. 14th St., New York, N. Y. "Bestone"
- Illini Electric Co., 605 N. Walnut St., Campaign, Ill.
- Indiana Mfg. & Electric Co., Case Bldg., Marion, Ind. "Case"
- Inter-State Radio Co., 93 Park Pl., New York, N. Y.
- Ipsen, Henrik, 69 Liberty St., Brooklyn, N. Y. "Danotran"
- Jaeger-Carlson Mfg. Co., 161 Jamaica Ave., Brooklyn, N. Y.
- Jefferson Electric Mfg. Co., 501 S. Green St., Chicago, Ill.
- Jones Radio Mfg. Co., Jos. W., 40 W. 25th St., New York, N. Y.
- ✓Karas Electric Co., 4040 N. Rockwell St., Chicago, Ill. "Harmonik" See advertisements, pages 50, 61 and 170.
- Kelford—see American Specialty Co.
- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Kenman Electric Co., 296 Broadway, New York, N. Y.
- Kenyon Mfg. Co., 2360 Amsterdam Ave., New York, N. Y.
- Keystone Radio Laboratories, Inc., 4245 Lincoln Ave., Chicago, Ill.
- Killark Electric Mfg. Co., 3940 Easton Ave., St. Louis, Mo.
- King Cole—see Anyllite Electric Co.
- King Quality Products, Inc., Rano St., Buffalo, N. Y.
- Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio
- Lee Electric & Mfg. Co., 220 Eighth St., San Francisco, Cal. "Lemco"
- Lemco—see Lee Electric & Mfg. Co.
- Liberty Transformer Co., 123 N. Sangamon St., Chicago, Ill.
- Longoria—see Sterling Electrical Corp.
- Magnaformer—see Magnus Electric & Radio Mfg. Corp.
- Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y. "Magnaformer"
- Mar-Co—see Martin-Copeland Co.
- Marle Engineering Co., Orange, N. J.
- Martin-Copeland Co., 101 Sabin St., Providence, R. I. "Mar-Co"
- Maxum Radio & Electric Co., 54th St. & Woodland Ave., Philadelphia, Pa.
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Consomello."
- Meloformer—see Robertson-Davis Co.
- Microdyne—see Apex Electric Mfg. Co.
- Modern Electric Mfg. Co., 1231 Summit St., Toledo, Ohio
- Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. "M. R. L."
- Morton & Borks, Stockton, Cal.
- M. R. L.—See Montrose Radio Laboratories
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.
- Muter Co., Leslie F., 76th & Greenwood Ave., Chicago, Ill.
- National Transformer Mfg. Co., 156 Whiting St., Chicago, Ill.
- New York Coil Co., 338 Pearl St., New York, N. Y.
- Northwestern Radio Mfg. Co., 1556 E. Taylor St., Portland, Ore.
- Pacent Electric Co., 91 Seventh Ave., New York, N. Y.
- Peerless Radio Corp., Newton Lower Falls, Mass. "Twin-Aud"
- Precise Mfg. Corp., 254 Mill St., Rochester, N. Y.
- Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill. "Hegehog"
- Pur-a-Tone—see Brach Mfg. Co.
- Quam Radio Corp., 1925 S. Western Ave., Chicago, Ill.
- Radiclear—see Taylor Electric Co.
- Radio Receptor Co., 106 Seventh Ave., New York, N. Y. "Receptrad Silvertone"
- Radio Television Co., 9410 St. Catherine Ave., Cleveland, Ohio
- Rauland-Lyric—see All-American Radio Corp.
- Receptrad Silvertone—see Radio Receptor Co.
- Reichmann Co., 1725 W. 74th St., Chicago, Ill. "Thorola"
- Reliable Parts Mfg. Co., 2819 Prospect Ave., Cleveland, Ohio
- Rhamstine, J. Thos., 508 E. Woodbridge St., Detroit, Mich.
- Rittenhouse Mfg. Co., Honeoye Falls, N. Y.
- Robertson-Davis Co., 412 Orleans St., Chicago, Ill. "Meloformer"
- Rubicon Co., 29 N. Sixth St., Philadelphia, Pa.
- Sampter Radio Corp., 34 35th St., Brooklyn, N. Y. "Selec-Fran"
- ✓Samson Electric Co., Canton, Mass. See advertisement, page 46.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

TRANSFORMERS, Audio Frequency Continued

Scientific Equipment Co., 393 N. Maple Ave., Ridgewood, N. J.

Selec-Tran—see Sampter Radio Corp.

Shamrock-Harkness—see Shamrock Mfg. Co.

Shamrock Mfg. Co., 196 Waverly Ave., Newark, N. J. "Shamrock-Harkness"

Shore Electric Co., 64 University Pl., New York, N. Y.

Splittorf Electrical Co., 392 High St., Newark, N. J.

Standard Transformer Co., Dana Ave., Warren, Ohio

States Co., 10 New Park Ave., Hartford, Conn.

Sterling Electrical Corp., 2711 Church Ave., Cleveland, Ohio "Longoria"

Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio

Stromberg-Carlson Telephone Mfg. Co., 1060 University Ave., Rochester, N. Y.

Supertran—see Ford Radio & Mica Co.

Taylor Electric Co., 1206 Broad St., Providence, R. I. "Radioclear"

✓Teleradio Engineering Corp., 490 Broome St., New York, N. Y. Cataloged on page 152.

Thordarson Electric Mfg. Co., 500 W. Huron St., Chicago, Ill.

Thorola—see Reichmann Co.

Twin-Aud—see Peerless Radio Corp.

United Manufacturing & Distributing Co., 9705 Cottage Grove Ave., Chicago, Ill.

Un-X-Ld — see Forman & Co.

Wagner Radio Co., 643 W. Washington Blvd., Chicago, Ill.

White Beauty Electric Co., 4416 N. Western Ave., Chicago, Ill.

Wireless Shop, 150 Glendale Blvd., Los Angeles, Cal.

TRANSFORMERS, Microphone

✓Radio Corp. of America, New York, N. Y. See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.

Thordarson Electric Mfg. Co., 500 W. Huron St., Chicago, Ill.

TRANSFORMERS, Modulation

Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.

Federal Telephone Mfg. Corp., Buffalo, N. Y.

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

Miller Co., Bertrand F., High & Canal Sts., Trenton, N. J.

Thordarson Electric Mfg. Co., 500 W. Huron St., Chicago, Ill.

TRANSFORMERS, Oscillation

✓Radio Corp. of America, New York, N. Y. See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.

Thordarson Electric Mfg. Co., 500 W. Huron St., Chicago, Ill.

TRANSFORMERS, Power

For Filament and Plate Current Supply in Transmitting Sets.

Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.

✓American Transformer Co., 178 Emmet St., Newark, N. J. "AmerTran" Cataloged on page 170.

AmerTran — see American Transformer Co.

Federal Telephone & Telegraph Co., Buffalo, N. Y.

Miller Co., Bertrand F., High & Canal Sts., Trenton, N. J.

✓Radio Corp. of America, New York, N. Y. See advertisements, pages 134, 135, Inside Front Cover and Opposite Inside Back Cover.

Thordarson Electric Mfg. Co., 500 W. Huron St., Chicago, Ill.

TRANSFORMERS, Push Pull

✓All-American Radio Corp., 4201 W. Belmont Ave., Chicago, Ill. See advertisement, page 161.

Como Apparatus Corp., 343 Kelley St., Manchester, N. H.

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"

Erla—see Electrical Research Laboratories.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

H & H—see Hart & Hegeman Mfg. Co.

Modern Electric Mfg. Co., 1231 Summit St., Toledo, Ohio

Peerless Radio Corp., Newton Lower Falls, Mass.

Precise Mfg. Corp., 254 Mill St., Rochester, N. Y.

Rubicon Co., 29 N. Sixth St., Philadelphia, Pa.

✓Sanson Electric Co., Canton, Mass. See advertisement, page 46.

Thordarson Electric Mfg. Co., 500 W. Huron St., Chicago, Ill.

TRANSFORMERS, Radio Frequency

Aalco Radio Laboratories, 1912 S. Wabash Ave., Chicago, Ill.

A-C Electrical Mfg. Co., Dayton, Ohio

Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.

Acorn — see Royal Radio Products Co.

Airkore — see Radiophone Equipment Co.

Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"

Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo. "Prirad"

✓All-American Radio Corp., 4201 W. Belmont Ave., Chicago, Ill. See advertisement, page 161.

Amaco—see American Apparatus Co.

American Apparatus Co., 30 N. 19th St., Richmond, Ind. "Amaco"

Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ill. "Microdyne"

Atwater Kent Mfg. Co., 4700 Wissahickon Ave., Philadelphia, Pa.

Baldwin-Pacific & Co., Pacific Bldg., San Francisco, Cal.

Baldwin Radio Electrical Mfg. Co., 684 Bergen St., Brooklyn, N. Y.

Ballantine — see Boonton Rubber Mfg. Co.

B. M. S.—see Brooklyn Metal Stamping Corp.

Bodine Electric Co., 2256 W. Ohio St., Chicago, Ill.

Boone Radio Corp., J. T., 3469 E. Jefferson Ave., Detroit, Mich.

Boonton Rubber Mfg. Co., 223 Fanny Rd., Boonton, N. J. "Ballantine"

Branston, Chas. A., 813 Main St., Buffalo, N. Y.

✓Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "B. T." See advertisements, pages 49, 127, 133 and 171.

✓Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. "Tri-Coil" "B. M. S." Cataloged on page 63.

B. T. — see Bremer-Tully Mfg. Co.

Buell Mfg. Co., 2975 Cottage Grove Ave., Chicago, Ill.

Campbell Mfg. Co., 19 Stewart St., Lynn, Mass.

Celco—see Central Engineering Laboratories.

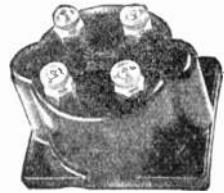
**TRANSFORMERS,
Radio Frequency
Continued**

- ✓ Central Engineering Laboratories, 3345 N. Lincoln St., Chicago, Ill. "Celco" See advertisement, page 175.
- Cleveland Products Co., 714 Huron Rd., Cleveland, Ohio
- Columbia Radio Corp., 155 N. Union St., Chicago, Ill.
- Como Apparatus Corp., 343 Kelley St., Manchester, N. H.
- Coto-Coil Co., 87 Willard Ave., Providence, R. I.
- Cruiser—see National Transformer Mfg. Co.
- Daniel Specialty Co., 5232 Melrose Ave., Los Angeles, Cal.
- Davenport Radio Laboratories, Davenport, Iowa
- Davidson Radio Corp., 134 Livingston St., Brooklyn, N. Y. "Rasla"
- Day Fan—see Dayton Fan & Motor Co.
- Dayton Fan & Motor Co., Dayton, Ohio "Day-Fan"
- Doran & Sons, James C., 150 Chestnut St., Providence, R. I.
- ✓ Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York, N. Y. "Duratran" See advertisement, page 42.
- Duratran—see Dubilier Condenser & Radio Corp.
- Elsemann Magneto Corp., 165 Broadway, New York, N. Y.
- Electric Appliance Co., Electric Appliance Bldg., San Francisco, Cal.
- Electric City Novelty & Mfg. Co., 120 Odell St., Schenectady, N. Y. "Radjo"
- Eling Co., R. W., 7847 S. Michigan Ave., Chicago, Ill.
- Federal Telephone Mfg. Corp., Buffalo, N. Y.
- Gen-Ral — see General Mfg. Co.
- General Mfg. Co., 6637 Cottage Grove Ave., Chicago, Ill. "Gen-Ral"
- ✓ General Radio Co., Cambridge, Mass. See advertisement, page 47.
- Giffillan Bros., 1815 W. 16th St., Los Angeles, Cal.
- Green Seal—see Air-Way Electric Appliance Corp.
- Henninger Corp., A. F., 4509 Ravenswood Ave., Chicago, Ill.
- Holmes Electrical Mfg. Co., 1810 Leland Ave., Chicago, Ill.
- Illinois Radio Appliance Co., 1426 E. 70th St., Chicago, Ill.
- Independent Radio Corp., Real Estate Trust Bldg., Philadelphia, Pa. "R.B.C."

No Missionary Work Needed

S-M PRODUCTS have a proven record of performance. Designed by one of the country's leading radio engineers, and backed by national advertising, this line is now available to legitimate jobbers and dealers on a protective basis. No missionary work is necessary. Thousands of fans have been boosters for over a year, and their unqualified approval is evident in the high number of re-orders.

Long Wave Transformers



Silver-Marshall Long Wave Transformers, in the attractive new bakelite case, supply the demand for a transformer with definitely known characteristics. Their use in any super-heterodyne will increase its efficiency by 75 per cent or more. Each transformer comes with its individual amplification curve on a tag. This feature alone has put S-M Transformers far ahead of any other brand in sales results.

Supplied in sets of two 210's and one 211—with individual characteristic curve Each retail at \$8.00

S-M 101B Oscillator Coupler

The famous Silver-Marshall No. 101B Oscillator coupler unit, when used with the three Intermediate transformer described above, comprise the well-known S-M Super group, guaranteed to improve any super appreciably. Used in the Super-Autodyne Receiver and approved by every national Radio Magazine. An efficient, compact part with attractive design. Retail at \$2.50.

S-L-W Condensers

Here is the latest in Silver-Marshall parts—the new silver-plated straight-line-wavelength condenser that has taken the radio fans of the country by storm. An exceedingly attractive instrument with unique design and losses lower than laboratory standards. A condenser that finally achieves real station separation and selectivity. Used in the Super-Autodyne and recommended for use in many other receivers by McMurde Silver and M. B. Sleeper. Prices, retail, \$6.00, \$5.75 and \$5.50.

Send for exclusive Jobbers' Proposition in your territory, and circulars describing complete line of S-M parts and prices. Also our Co-operative Advertising Proposition. Act now before your territory is closed.

Silver-Marshall

102 S. Wabash Ave., Chicago, Ill.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

TRANSFORMERS, Radio Frequency Continued

- Jalisco Mfg. Co., 229 E. Hennepin Ave., Minneapolis, Minn.
- Jefferson Electric Mfg. Co., 501 S. Green St., Chicago, Ill.
- ✓**Kellogg Switchboard & Supply Co.**, 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Klentz Radio Co., 2324 N. Sawyer Ave., Chicago, Ill.
- Liberty Transformer Co., 123 N. Sangamon St., Chicago, Ill.
- Longoria—see Sterling Electrical Corp.
- Los Angeles Radio Supply Co., 1052 E. Vernon Ave., Los Angeles, Cal.
- Marle Engineering Co., Orange, N. J.
- Maxum Radio & Electric Co., 54th & Woodland Ave., Philadelphia, Pa.
- Microdyne—see Apex Electric Mfg. Co.
- Modern Electric Mfg. Co., 1231 Summit St., Toledo, Ohio
- Moskowitz & Herbach, 512 Market St., Philadelphia, Pa.
- National Transformer Mfg. Co., 154 Whiting St., Chicago, Ill. "Cruiser"
- New York Coil Co., 338 Pearl St., New York, N. Y.
- Northwestern Radio Mfg. Co., 1556 E. Taylor St., Portland, Ore.
- Phenix Radio Corp., 114 E. 25th St., New York, N. Y.
- Pioneer Radio Corp., 109 Pioneer Ave., Galesburg, Ill.
- Precise Mfg. Corp., 254 Mill St., Rochester, N. Y.
- Prirad — see Ajax Electric Specialty Co.
- Radio Instrument Co., Tenth & D Sts. N. W., Washington, D. C. "Vir Bren"
- Radio Receptor Co., 106 Seventh Ave., New York, N. Y. "Receptrad Silvertone"
- Radiophone Equipment Co., 1409 W. York St., Philadelphia, Pa. "Airkore"
- Radio — see Electric City Novelty & Mfg. Co.
- Rasla — see Davidson Radio Corp.
- Ray-Dee-Artcraft Mfg. Co., 12 E. Central Ave., Redlands, Cal. "Ray-Dee-Formers"
- Ray-Dee-Formers—see Ray-Dee Artcraft Mfg. Co.
- R. B. C. — see Independent Radio Corp.
- Receptrad Silvertone — see Radio Receptor Co.
- Remler Radio Mfg. Co., 182 Second St., San Francisco, Cal.
- Richardson Radio, Inc., Foster Ave. & Hulst St., Long Island City, N. Y.
- ✓**Royal Radio Products Co.**, 628 Calowhill St., Philadelphia, Pa. "Acorn" See advertisement, page 183.
- Rubicon Co., 29 N. Sixth St., Philadelphia, Pa.
- St. James Laboratories, 845 W. Washington Blvd., Chicago, Ill.
- ✓**Samson Electric Co.**, Canton, Mass. See advertisement, page 46.
- Sangamo Electric Co., Springfield, Ill.
- Schindler, Chas., 1401 W. Delaware Ave., Toledo, Ohio.
- Sickles Co., F. W., 130 Union St., Springfield, Mass.
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.
- ✓**Silver-Marshall**, 102 S. Wabash Ave., Chicago, Ill. "S-M" See advertisement, page 173.
- S-M—see Silver-Marshall
- Stanwood Electric Specialty Co., 1834 Broadway, New York, N. Y.
- Sterling Electrical Corp., 2711 Church Ave., Cleveland, Ohio. "Longoria"
- Sterling Mfg. Co., 2835 Prospect Ave., Cleveland, Ohio
- Sypher Mfg. Co., 1524 Fernwood Ave., Toledo, Ohio
- Tri-Coil—see Brooklyn Metal Stamping Corp.
- U-Flex Mfg. Co., 1 S. 39th St., (West Phila.), Philadelphia, Pa.
- Unilog Radio Corp., 4101 S. Union Ave., Chicago, Ill.
- United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio
- Uptegraff Electric & Mfg. Co., National Bank Bldg., Pittsburgh, Pa.
- Victoreen—see Walker Co.
- Vir Bren—see Radio Instrument Co.
- Visco Radio Co., 6428 E. 14th St., Oakland, Cal.
- Walker Co., George W., 6524 Carnegie Ave., Cleveland, Ohio. "Victoreen"
- Werner Radio Mfg. Co., P., 204 Ninth St., Brooklyn, N. Y.
- ✓**All-American Radio Corp.**, 4201 Belmont Ave., Chicago, Ill. See advertisement, page 161.
- Benjamin Electric Mfg. Co., 128 S. Sangamon St., Chicago, Ill.
- Bodine Electric Co., 2256 W. Ohio St., Chicago, Ill.
- Branston, Chas. A., 813 Main St., Buffalo, N. Y.
- ✓**Bremer-Tully Mfg. Co.**, 532 S. Canal St., Chicago, Ill. "B. T. Torostyle" See advertisements, pages 49, 127, 133 and 171.
- Browning-Drake — see National Co.
- Bruno Radio Corp., 222 Fulton St., New York, N. Y.
- B. T. Torostyle—See Bremer-Tully Mfg. Co.
- Camfield Radio Mfg. Co., 829 Harrison St., Oakland, Cal. "Duoformer"
- Cribben Radio Corp., 973 Montana St., Chicago, Ill. "Harper Metaloid"
- Cruver Mfg. Co., 2456 Jackson Blvd., Chicago, Ill. "Proudfoot"
- Duoformer — see Camfield Radio Mfg. Co.
- Duotone Radio Corp., Industrial Trust Bldg., Wilmington, Del.
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla Circloid"
- Elling Co., R. W., 7847 S. Michigan Ave., Chicago, Ill.
- Erla Circloid—see Electrical Research Laboratories.
- Excelsior Radio Co., 226 Grand St., Brooklyn, N. Y. "Airking"
- Ferl Radio Mfg. Co., 1167 Bedford Ave., Brooklyn, N. Y.
- Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"
- Fraser Wire Co., Russell, 115 Lexington Ave., Maspeth, L. I., N. Y. "Ajax"
- Freeburg Co., Geo. A., 165 Lovell St., Elgin, Ill. "Heliotor"
- General Instrument Corp., 423 Broome St., New York, N. Y.
- ✓**General Radio Co.**, Cambridge, Mass. See advertisement, page 47.
- General Windings Co., 214 Fulton St., New York, N. Y. "Gen-Win Lemnis"
- Gen-Win Lemnis—General Windings Co.
- Harper Metaloid—see Cribben Radio Corp.
- Heliotor—see Freeburg Co.
- Jaeger-Carlson Mfg. Co., 161 Jamaica Ave., Brooklyn, N. Y.
- Kenman Electric Co., 296 Broadway, New York, N. Y.
- Keystone Radio & Electric Service, 6237 Haverford Ave., Philadelphia, Pa.
- Midland Electric Co., Transportation Bldg., Indianapolis, Ind.

TRANSFORMERS, Tuned Radio Frequency

- ✓**Acme Products Co.**, 107 W. Canton St., Boston, Mass. See advertisement, page 40.
- ✓**Acro Products, Inc.**, 1772 Wilson Ave., Chicago, Ill. See advertisement, page 183.
- Airking—see Excelsior Radio Co.
- Ajax—see Fraser Wire Co.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

**TRANSFORMERS,
Tuned Radio
Frequency
Continued**

- ✓National Co., 110 Brookline St., Cambridge, Mass. "Browning-Drake" See advertisement, page 62.
- Naxon Electrical Laboratories, 4524 Cottage Grove Ave., Chicago, Ill.
- Nolte Mfg. Co., 193 Plainfield Ave., Jersey City, N. J. "Zig Zag"
- Orbit Coil Co., 6 Howard St., New York, N. Y.
- Pathe Phonograph & Radio Corp., 20 Grand Ave., Brooklyn, N. Y.
- Phillips Laboratories, 1602 Robinson Rd., Grand Rapids, Mich.
- Premier Electric Co., 3805 Ravenswood Ave., Chicago, Ill. "Radiotran"
- Proudfoot — see Cruver Mfg. Co.
- ✓Radio Foundation, Inc., 25 W. Broadway, New York, N. Y. See advertisement, page 184.
- ✓Radio Units, Inc., 1316 First Ave., Maywood, Ill. See advertisement, page 25.
- Radiotran — see Premier Electric Co.
- Reichmann Co., 1725 W. 74th St., Chicago, Ill. "Thorola"
- Reliable Parts Mfg. Co., 2819 Prospect Ave., Cleveland, Ohio
- Sears Mfg. Co., 5213 Windsor Ave., Cleveland, Ohio "Toroformer"
- Summit Radio Mfg. Co., Summit, N. J.
- Thorola—see Reichmann Co.
- Toroformer — see Sears Mfg. Co.
- Un-X-Ld—see Forman & Co.
- Washburn Mfg. Co., 220 E. Superior St., Kokomo, Ind.
- Zig Zag—see Nolte Mfg. Co.

**TRANSMISSION
TOWERS—**

see Towers, Steel

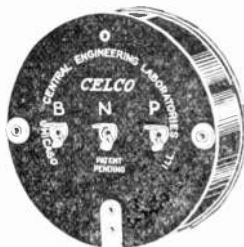
**TRANSMITTERS,
Automatic Code**

- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.
- Omnigraph Mfg. Co., 19 Hudson St., New York, N. Y.
- Signal Electric Mfg. Co., 1915 Broadway, Menominee, Mich.

**TRANSMITTING
KEYS—**

see Keys, Transmitting

CELCO Double "D" Coil



**Intermediate Frequency
Transformers**

Maximum amplification and extreme selectivity without sacrificing definition or quality of reproduction. Air core type, unatched and peaked uniformly and exactly. Will give superior results in the Pressley or Super-Autodyne, the Ultra-dyne, the Tropadyne or the straight Super-Heterodyne circuits.

We are also manufacturers of the *Celco* Indicating Battery Switch—an indispensable convenience in every set. Jobbers and dealers write for particulars to

**CENTRAL ENGINEERING LABORATORIES,
3345 No. Lincoln St., Chicago, Ill.**

TRAPS, Wave

- Acorn — see Royal Radio Products Co.
- ✓All-American Radio Corp., 4201 Belmont Ave., Chicago, Ill. "Filtrola" See advertisement, page 161.
- Bromwell Brush & Wire Goods Co., Third & Walnut Sts., Cincinnati, Ohio. "Radiostrap"
- Doran & Sons, James C., 150 Chestnut St., Providence, R. I.
- Electrad, Inc., 428 Broadway, New York, N. Y.
- Ferbend Electric Co., 429 W. Superior St., Chicago, Ill.
- Filtrola — see All-American Radio Corp.
- Ford Co., K. N., 1411 Alta Vista Blvd., Los Angeles, Cal. "Radiogrand"
- ✓General Radio Co., Cambridge, Mass. See advertisement, page 47.
- Magnus Electric & Radio Mfg. Co., 787 E. 138th St., New York, N. Y.
- Midway Radio Co., 222 N. Hollistan St., Pasadena, Cal.
- Nolte Mfg. Co., 193 Plainfield Ave., Jersey City, N. J.
- Nyco Radio Electric Co., Penn & Centre Sts., Wilkensburg, Pa.
- Orator Radio Corp., 54th St. & Broadway, New York, N. Y.
- Pentz Radio Factory, 207 S. Fifth St., Minneapolis, Minn.
- Radiogrand—see Ford Co.
- Radiotrap — see Bromwell Brush & Wire Goods Co.
- Reymond Co., 4222 Irving Park Blvd., Chicago, Ill.
- ✓Royal Radio Products Co., 628 Calowhill St., Philadelphia, Pa. "Acorn" See advertisement, page 183.
- Square Deal Radio & Electric Co., 103 Leroy St., Fenton, Mich.
- Steinite Laboratories, Radio Bldg., Atchison, Kans.
- Steinmetz Wireless Mfg. Co., 5968 Baum Blvd., Pittsburgh, Pa.
- Twitchell Co., S. A., 1925 Western Ave., Minneapolis, Minn.
- Vesco Radio Co., 6428 E. 14th St., Oakland, Cal.

TRAYS, Glass Battery

- Benzer Corp., 87 Cooper Ave., Brooklyn, N. Y.
- Marsden Glass Works, J. E., Ambler, Pa. "Tufglas"
- McKee Glass Co., Jeannette, Pa.
- Tufglas—see Marsden Glass Works

TRAYS, Rubber Battery

- May Rubber Co., 826 Arch St., Philadelphia, Pa.

TUBE ADAPTERS—

see Adapters, Direct Socket

TUBE FUSES—

see Fuses, Tube

**TUBE
PROTECTORS—**

see Fuses, Tube

**TUBE
REACTIVATORS—**

see Reactivators, Tube

**TUBE
RECEPTACLES—**

see Sockets

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

PHILOTRON TUBES

**SATISFACTION TO THE
PURCHASER GUARANTEED**

Dealers Request Information Direct, Giving the Name of Your Jobber

PHILADELPHIA RADIO MFG. CO.

3040 W. Stiles St., Philadelphia, Pa.

Rectifier Tubes for "B" Eliminators. Guaranteed for 30 Milliampere D.C.

Receiving Tubes of High Amplification

Tubes for special purposes designed and built. Our laboratory supplies tubes matched for your sets.

Our Factory Facilities Assure Prompt Deliveries

TUBE SOCKETS—

see Sockets, Vacuum Tube

TUBE TESTING

Instruments—

see Instruments, Tube Testing

TUBES,

Glass B Battery

For Glass Jars—see Jars, Glass Battery

Camden Glass Works, 105 Arch St., Camden, N. J.

Hazel - Atlas Glass Co., Wheeling, W. Va.

Vineland Scientific Glass Co., Vineland, N. J.

TUBES, Hard Rubber—

see Rubber, Hard

TUBES, Laminated—

see Insulation, Composite

TUBES,

Paper and Card Board

Cleveland Container Co., Leader-News Bldg., Cleveland, Ohio

Empire Paper Products Corp., 155 Bank St., New York, N. Y.

Gordon Radio & Electric Mfg. Co., 1610 Fourth Ave., Seattle, Wash.

Mica Insulator Co., 68 Church St., New York, N. Y.

Pairpoint Corp., New Bedford, Mass.

St. Louis Paper Can & Tube Co., 3275 Big Bend Rd., St. Louis, Mo.

TUBES, Porcelain

Carey Ohio Porcelain Co., Carey, Ohio

Cook Pottery Co., Prospect St. & P. R. R., Trenton, N. J.

Fedco—see Federal Porcelain Co.

Federal Porcelain Co., Carey, Ohio "Fedco"

Findlay Electric Porcelain Co., Findlay, Ohio

General Porcelain Co., Camden Ave. S.S., Parkersburg, W. Va.

Illinois Electric Porcelain Co., Macomb, Ill.

TUBES, Rectifier

Cleartron Vacuum Tube Co., 28 W. 44th St., New York, N. Y.

Cunningham, E. T., 182 Second St., San Francisco, Cal.

Epom Corp., 114 E. 47th St., New York, N. Y.

Farad Corp., 239 Centre St., New York, N. Y.

Jove Lamp Works, 103 Park Ave., New York, N. Y.

L & M Supply Co., 295 Huntington Ave., Boston, Mass.

Neon Products Corp., 107 W. 23d St., New York, N. Y.

✓Perryman Electric Co., 33 W. 60th St., New York, N. Y. See advertisement, page 179.

Phenix Electric Laboratories, 334 Canal St., New York, N. Y. "Torpedo"

✓Philadelphia Radio Mfg. Co., 3040 W. Stiles St., Philadelphia Pa. "Philotron" See advertisement, page 176.

Philotron—see Philadelphia Radio Mfg. Co.

✓Radio Corp. of America, New York, N. Y. "Rectron." See advertisements, pages 131, 135, Inside Front Cover and Opposite Inside Back Cover.

Raytheon Mfg. Co., 292 Main St., Cambridge, Mass.

Rectron—see Radio Corp. of America

Schicklerling Products Corp., 401 Mulberry St., Newark, N. J.

Torpedo—see Phenix Electric Laboratories

TUBES, Vacuum

Ablett Co., Charles R., 22 Reade St., New York, N. Y. "Sky-Sweeper"

Aerodyn Co., 1780 Broadway, New York, N. Y.

Aladdin Mfg. Co., 55 Hoyt St., Newark, N. J.

Alladin—see Continental Sales Co.

Allan Mfg. Co., 117 Windsor St., Arlington, N. J. "All-tron"

Alltron—see Allan Mfg. Co. American—see Roberts Radio Co.

American International Trading Co., 24 Stone St., New York, N. Y. "Empiretron"

Amplitron—see Pennant Radio Laboratories

A-P Radio Laboratories, Inc., 650 Mission St., San Francisco, Cal. "Two In One"

Apollo—see Kayess Mfg. Co.

Arion—see Electric Sales Co.

Artee Radio Sales & Mfg. Co., 16 Hudson St., New York, N. Y. "Peertron"

Atlantic Electric Lamp Co., Danvers, Mass.

Atlas Radio Corp., 3 Foster St., Peabody, Mass.

Baker-Smith Co., New Call Bldg., San Francisco, Cal. "Sylfan"

Barkelew Electric Mfg. Co., Middletown, Ohio

Bear Radio Products Corp., 207 Market St., Newark, N. J.

Belltone—see Radio Tube Laboratories

Bennington Radio & Electric Mfg. Co., 522 Main St., Bennington, Vt. "Bremco"

Birk-Morton Vacuum Products Co., Owensboro, Ky. "B-M"

Blo-Pruf Tube Co.—see Radio Equipment Co.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**TUBES, Vacuum
Continued**

- Blue Bell — see Branford Radio Mfg. Co.
- Bluebird Tube Co., 200 Broadway, New York, N. Y.
- Blue Streak Radio Co., 53 W. Jackson Blvd., Chicago, Ill.
- B-M—see Birk-Morton Vacuum Products Co.
- Boehm Radio Co., 304 Canal St., New York, N. Y.
- Branford Radio Mfg. Co., 1145 Fox St., New York, N. Y. "Blue Bell"
- Bremco—see Bennington Radio & Electric Mfg. Co.
- Brendonne Corp., 42 Main St., Orange, N. J.
- Brighton Laboratories, Inc., 67 Winthrop St., Newark, N. J. "True Blue"
- Bryant Radio Tube Exchange, 453 Washington St., Boston, Mass.
- Cable Supply Co., 907 Broadway, New York, N. Y. "Speed"
- Camden Glass Works, 105 Arch St., Camden, N. J.
- C. E. Mfg. Co., 702 Eddy St., Providence, R. I. "CeCo" See advertisement, page 180.
- CeCo—see C. E. Mfg. Co.
- Chester Electric Co., 39 Tracy Ave., East Lynn, Mass.
- Cleartron Vacuum Tube Co., 28 W. 44th St., New York, N. Y. "Hi-Constron"
- Commercial Enclosed Fuse Co., 1317 Willow Ave., Hoboken, N. J. "Playtron"
- Concert Master Mfg. Co., 179 W. Washington St., Chicago, Ill.
- Connecticut Telephone & Electric Co., 70 Britannia St., Meriden, Conn. "Sodium"
- Conneway Electric Laboratories Co., 406 Jefferson St., Hoboken, N. J. "Magnatron Rex" "Magnatron"
- Continental Sales Co., 179 W. Washington St., Chicago, Ill. "Alladi."
- Cunningham, E. T., 182 Second St., San Francisco, Cal.
- Daven Radio Corp., 158 Summit St., Newark, N. J.
- Davenport-Hickory Corp., 130 N. Wells St., Chicago, Ill.
- De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.
- Dextron Radio Laboratory, 74 Sterling St., East Orange, N. J.

Gold Seal Radio Tubes

—["They Last Twice As Long"]—

A Real Dealer Policy

Gold Seal dealers are enthusiastic because they are backed up by the Gold Seal policy of a square deal for everybody and real, aggressive selling help—national advertising, displays, improved container, price protection, prompt shipments, and a replacement guarantee that means what it says.

A Quick Profit Line

Are you sharing in the success of Gold Seals—the quick selling super-tubes? Matched for uniformity by exacting tests, Gold Seal tubes are a revelation in tone and volume. For extra volume, the new Gold Seal High Power tube is recommended.

Write for particulars of our unusual merchandising plan for jobbers, distributors and dealers.

GOLD SEAL PRODUCTS CO.

Incorporated
250 Park Ave., New York



TYPE
G. S. X. and
G. S. 201A
List Price
\$2.00



TYPE
G. S. X. and
G. S. 199
List Price
\$2.25



TYPE
G. S. 199
Large Base
List Price
\$2.25



High Power
TYPE
G. S. X. 112
List Price
\$6.50



TYPE
G. S. X. and
G S 120
List Price
\$2.50



When writing advertisers, please mention THE RADIO TRADE DIRECTORY

IDEAL RADIO TUBES

Ideal Radio Tubes — all types—are the result of scientific accuracy and unexcelled workmanship.

IDEAL PRODUCTS CORP.
78 Mechanic St., Newark, N. J.



A Dealer in Maine says about the the Directory:

"We find it a great help, especially in referring to parts."



201-A—199

THE equal of any tube on the market regardless of price—backed by a 90-day guarantee based on our faith in the fairness of the buying public and our distributors.

We Help You

through **YANKEE SERVICE** to get new business. You will be supplied with attractive mailing folders and window displays—supported by national and local advertising.

A few choice territories still available under our liberal sales plan. Yours may be open. Communicate with us at once.

YANKEE TUBE CORPORATION

Executive and Sales Offices
6 Church St., New York

\$2.00

LIST
In U. S. A.

TUBES, Vacuum Continued

- D. F. P. Vacuum Products Works, 1314 Front St., Toledo, Ohio
- Diamond Vacuum Products Co., 4053 Diversey Ave., Chicago, Ill. "Diatrons"
- Diatrons — see Diamond Vacuum Products Co.
- Diode—see Electrad, Inc.
- Dynetron Tube Corp., 240 Mulberry St., Newark, N.J.
- Eastern Radio Corp., 36 Devereaux St., Arlington, Mass. "E. R. C."
- Econotron—see Nulite Electric Co.
- Electrad, Inc., 428 Broadway, New York, N. Y. "Diode"
- Electric Sales Co., Newark, N. J. "Arion"
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"
- Electron Tube Laboratories, 2217 Lafayette St., Fort Wayne, Ind.
- Elektron — see Lectrodiol Corp.
- Empire-tron — see American International Trading Co.
- Erla — see Electrical Research Laboratories
- E. R. C.—see Eastern Radio Corp.
- Eschner Co., 122 S. Michigan Ave., Chicago, Ill.
- Farad Corp., 239 Centre St., New York, N. Y.
- Gem Tube Co., 200 Broadway, New York, N. Y.
- General Electric Co., 1 River Bldg., Schenectady, N. Y.
- Globe Electric Co., Century Bldg., Pittsburgh, Pa.
- ✓Gold Seal Products Co., 250 Park Ave., New York, N. Y. See advertisement, page 177.
- Goode Tube Corp., Evansville, Ind. "Two-o-One"
- Gormac Electric Co., 311 W. 59th St., New York, N. Y.
- Henderson Bros., 93 Federal St., Boston, Mass.
- Hercules—see Kayess Mfg. Co.
- Hi-Constron — see Cleartron Vacuum Tube Co.
- Hytron Corp., 19 Oakland St., Salem, Mass.
- ✓Ideal Products Corp., 78 Mechanic St., Newark, N.J. "Puratron." See advertisement, page 178.
- Imp Radio Corp., 1945 Wabansia Ave., Chicago, Ill. "Vitavox"
- Jaeger Research Laboratories, 270 Park Ave., Weehawken, N. J.
- Jove Lamp Works, 103 Park Ave., New York, N. Y.
- Kayess Mfg. Co., 512 Main St., East Orange, N. J. "Hercules" "Apollo"

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**TUBES, Vacuum
Continued**

- ✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. "McCullough" See Inside Back Cover.
- Kenotrons—see Radio Corp. of America
- K. & H. Electric Co., 41 Commercial St., Newark, N. J. "Musiktron"
- Ken-Rad Corp., Owensboro, Ky.
- Kimmig Puratron Mfg. Co., 1707 N. 12th St., Philadelphia, Pa.
- Konkle, James H., 192 Market St., Newark, N. J. "Loudspeaker"
- Leco — see Lynn Electric Corp.
- Lectrodio Corp., 186 Market St., Lynn, Mass. "Elektron"
- Liberty Appliance Corp., 249 E. 43d St., New York, N. Y.
- Liveton—see Royal Electric Co.
- L & M Supply Co., 285 Huntington Ave., Boston, Mass.
- Loudspeaker — see Konkle, James H.
- Lynn Electric Corp., 412 Broad St., Lynn, Mass. "Leco"
- Magnatron — see Conaway Electric Laboratories Co.
- Magnatron Rex—see Conaway Electric Laboratories
- Magnavox Co., 2725 E. 14th St., Oakland, Cal.
- Marathon — see Northern Mfg. Co.
- Martin Radio & Electric Co., 130 N. 52d St., New York, N. Y. "Packard"
- Mastertone — see Radiotube Co.
- Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"
- McCullough — see Kellogg Switchboard & Supply Co.
- Meco—see Metropolitan Electric Co.
- Metropolitan Electric Co., Pine Arts Bldg., Des Moines, Iowa "Meco"
- Mizpah—see Nulite Electric Co.
- Music Master Corp., 128 N. Tenth St., Philadelphia, Pa.
- Musiktron — see K. & H. Electric Co.
- Musselman Mogul — see Van Horne Co.
- Muzada — see Mazda Radio Mfg. Co.
- National Tube Mfg. Co., Roosevelt Bldg., Chicago, Ill.
- Northern Mfg. Co., 365 Orden St., Newark, N. J. "Marathon"

PERRYMAN RADIO TUBES

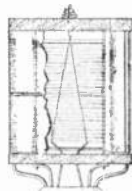
DISTANCE
WITHOUT DISTORTION

Common Sense Construction

Perryman Tubes are made in the most modern plant in America. They are built to stand the gaff. They deliver uniform efficiency day in and day out, because we make them so they will.

Look at the tube assembly in Perryman Type R. H. 201-A. Notice how the grid, plate and filament are permanently bridged, top and bottom. They are spaced at the distance of greatest efficiency. You can't shake them apart. There's nothing fragile here. You can see at a glance that this tube will deliver the best results obtainable for the longest possible period of time.

Perryman Types R. H. 199 also employ an assembly of great rigidity. They test far higher than any similar type tubes we have been able to obtain for comparative tests.



Pat. applied for. Tube assembly of Type R. H. 201-A



Perryman Type R. H. 201-A Amplifier and Detector



Perryman Type R. H. 199 Standard Base Amplifier and Detector



Perryman Type R. H. 199 Miniature Base Amplifier and Detector



Perryman Rectifier

Common Sense Selling Methods

Perryman Dealers get a generous discount and real selling cooperation in their own shop, where it counts most. They get a handsome window display lithographed in six colors; a counterdisplay stand for three tubes, one of which is a clear glass demonstrating tube supplied free of charge; folders for counter use, and an Authorized Dealer sign for the window.

We invite aggressive jobbers and dealers to write for further information.

All Types \$2.50 Each

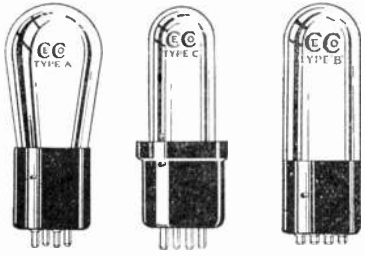
PERRYMAN ELECTRIC CO., INC.

Laboratories and Plant
NORTH BERGEN, N. J.



Sales and Executive Offices
33 WEST 60th ST., N. Y. C.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY



	"A"	"B"	"C"
Filament Volts	5.0	3.0	3.0
Filament Current	0.25	.06	.06
Plate Voltage	20 to 120	20 to 80	20 to 80


Made with Brass and Bakelite Bases

EVERY CeCo Tube fully guaranteed. Tests of nationally known laboratories confirm our own and prove our claim to superiority in clarity of tone, rich volume, long life.

Now Ready! CeCo Tubes with new type Long PRONG BASES. Also, Power Amplifier Tubes, E (Dry Cell Type), F (Storage Battery), for last stage of Audio Frequency.

C. E. MANUFACTURING COMPANY, Inc.,
702 Eddy Street, Providence, R. I.

Write for New Illustrated Catalog with Test Charts.



Electrical Merchandising

1. You enjoy every issue you receive!
2. You get actual-fact-articles always!
3. You feel and recognize its interest in helping you to success!
4. You meet the most successful electrical men all over the country!
5. You are given great variety—help on everything you have to do—that means more business and more profits!

Subscription rate, \$2 a year

McGraw-Hill Publishing Company, Inc.

Tenth Ave. at 36th St., New York City.

TUBES, Vacuum Continued

- Myers Radio Tube Corp., Cleveland, Ohio
- Nulte Electric Co., 220 W. 42d St., New York, N. Y. "Econotron" "Mizpah"
- Oscillator — see St. James Laboratories
- Pacific Radio Laboratory, 256 S. Los Angeles St., Los Angeles, Cal. "Perfection"
- Packard—see Martin Radio & Electric Co.
- Peertron — see Artee Radio Sales & Mfg. Co.
- Pennant Radio Laboratories, 57 Hoyt St., Newark, N. J. "Amplitron"
- Perfection — see Pacific Radio Laboratory
- ✓Perryman Electric Co., 33 W. 60th St., New York, N. Y. See advertisement, page 179.
- Phenix Electric Laboratories, 334 Canal St., New York, N. Y.
- ✓Philadelphia Radio Mfg. Co., 3040 W. Stiles St., Philadelphia, Pa. "Philotron" See advertisement, page 176.
- Philotron—see Philadelphia Radio Mfg. Co.
- Pingree Radio Service, Inc., 170 Summer St., Boston, Mass.
- Playtron — see Commercial Enclosed Fuse Co.
- Puratron—See Ideal Products Corp.
- Q. R. S. Music Co., 25 E. Jackson Blvd., Chicago, Ill.
- ✓Radio Corp. of America, New York, N. Y. "Radiofrons" "Kenotrons" See advertisements, pages 134, 135, Inside Front Cover, and Opposite Inside Back Cover.
- Radio Equipment Co., 20 Stuart St., Boston, Mass. (Sole Distributors for Blorpruf Tube Co., Boston, Mass.)
- Radio Requirements Co., Fifth & Market Sts., Philadelphia, Pa. "Thermionic"
- Radio Telephone & Telegraph Corp., 25 W. 45th St., New York, N. Y.
- Radiotrons—see Radio Corp. of America
- Radiotube Co., 903 Broad St., Newark, N. J. "Master-tone"
- Roberts Radio Co., Henry C., 112 Trinity Pl., New York, N. Y. "American"
- Roice Tube Co., 21 Norwood St., Newark, N. J.
- Royal Electric Co., Chelsea Sta., Boston, Mass. "Livetone"
- Royal Electrical Laboratories, 109 Tichenor St., Newark, N. J. "Royalphone"
- Royalphone — see Royal Electrical Laboratories
- St. James Laboratories, 845 W. Washington Blvd., Chicago, Ill. "Oscillator"
- Schickerling Products Corp., 401 Mulberry St., Newark, N. J.
- Simplex — see Titania Mfg. Co.
- Sky-Sweeper—see Ablett Co.
- Sodion — see Connecticut Telephone & Electric Co.
- Sonatron Tube Co., 220 S. State St., Chicago, Ill.
- Speed—see Cable Supply Co.
- ✓Stewart-Warner Speedometer Corp., 1834 Diversey Parkway, Chicago, Ill. See advertisement, page 129.
- Sturdy Engineering Co., 422 S. Clark St., Chicago, Ill.
- Sunlight Lamp Co., Newton Falls, Ohio
- Supertron Mfg. Co., 222 Washington St., Hoboken, N. J.
- Sylfan—see Baker-Smith Co.
- Sylvania Products Co., Emporium, Pa.
- Televocal Corp., 67 Fifth Ave., New York, N. Y.
- Testeed Products Co., Geo. W. Stone Bldg., Cleveland, Ohio.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

**TUBES, Vacuum
Continued**

- Thermionic—see Radio Re-
quirements Co.
- Thornell-Maclaren Associates, 26 Park Pl., New York, N. Y.
- Titania Mfg. Co., 105 W., 40th St., New York, N. Y. "Simplex"
- Travin Radio Mfg. Co., 72 Cortlandt St., New York, N. Y.
- True Blue—see Brightson Laboratories, Inc.
- Turney, H. F., 1000 N. Madison St., Rome, N. Y.
- Two In One—see A-P Radio Laboratories, Inc.
- Two-o-One—see Goode Tube Co.
- United Radio & Electric Corp., 418 Central Ave., Newark, N. J. "Ureco Goldentone"
- Ureco Goldentone—see United Radio & Electric Corp.
- Van Horne Co., Franklin, Ohio "Musselman Mogul"
- Veby Radio Co., 47 Morris Ave., Newark, N. J.
- Vitavox — see Imp Radio Corp.
- White Beauty Electric Co., 4416 N. Western Ave., Chicago, Ill.
- ✓Yankee Tube Corp., 6 Church St., New York, N. Y. See advertisement, page 178.

**TUBES, Vacuum,
Repairers of**

- Armstrong Electric Co., 351 Halsey St., Newark, N. J.
- Bryant Radio Tube Exchange, 453 Washington St., Boston, Mass.
- Chester Electric Co., 39 Tracy Ave., East Lynn, Mass.
- Chicago Electric Devices Co., 70 E. 22d St., Chicago, Ill.
- Dey's Radio Service, 5947 Superior St., Chicago, Ill.
- Grand Ave. Radio Co., 2218½ S. Grand Ave., Los Angeles, Cal.
- Hankins & Co., S. P., 1411 Castro St., Oakland, Cal.
- Harvard Radio Laboratories, 200 Old Colony Ave., (So. Boston), Boston, Mass.
- J. E. S. Radio Co., 180 E. 116th St., New York, N. Y.
- National Radio Tube Co., 748 14th St., San Francisco, Cal.
- National Radio Tube Works, 39 Tracy Ave., East Lynn, Mass.
- O'Connor & Co., A., 9704 Euclid Ave., Cleveland, Ohio
- Quality Radio Shop, 86 Fourth St., San Francisco, Cal.

- Radiotube Co., 903 Broad St., Newark, N. J.
- Radio Tube Exchange, 200 Broadway, New York, N. Y.
- Radio Tube Exchange, 220 S. State St., Chicago, Ill.
- Singer Radio Corp., Times Bldg., New York, N. Y.

TUBING, Aluminum—

see Aluminum, Sheet

TUBING,**Brass and Copper**

- Bridgeport Brass Co., Bridgeport, Conn.
- Chase Metal Works, 236 Grand St., Waterbury, Conn.
- Dallas Brass & Copper Co., 820 Orleans St., Chicago, Ill.
- National Copper & Smelting Co., 1895 Coltman Rd., Cleveland, Ohio
- Randolph-Clowes Co., 384 Bank St., Waterbury, Conn.
- Roberts Tube Works, 2500 Military Ave., Detroit, Mich.
- Rome Brass & Copper Co., Bouck St., Rome, N. Y.
- Rome Hollow Wire & Tube Co., Railroad St., Rome, N. Y.
- ✓Scovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.
- United Wire & Supply Co., 1497 Elmwood Ave., Providence, R. I.
- Wells & Co., A. H., 563 Watertown Ave., Waterbury, Conn.
- Wolverine Tube Co., 1411 Central Ave., Detroit, Mich.

TUBING, Cambric—

see Tubing, Spaghetti

TUBING, Copper—

see Tubing, Brass and Copper

TUBING, Fibre—

see Fibre, Hard

TUBING, Glass

Friedrich & Dimmock, 7 E. 42d St., New York, N. Y.

TUBING, Mica—

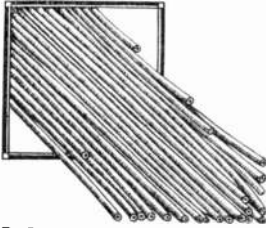
see Mica, Sheet

TUBING, Soft Rubber

- Acme Rubber Mfg. Co., E. State St., Trenton, N. J.
- Bowers Rubber Works, 68 Sacramento St., San Francisco, Cal.
- Canfield Rubber Co., Bridgeport, Conn.
- Cincinnati Rubber Mfg. Co., Franklin Ave., (Norwood) Cincinnati, Ohio "Royal"
- Continental Rubber Works, 1092 Liberty St., Erie, Pa. "Vitalic"
- Diamond Rubber Co., 1780 Broadway, New York, N. Y.
- Dural Rubber Corp., Flemington, N. J.
- Federal Rubber Co., of Illinois, Cudahy, Wis.
- Firestone Tire & Rubber Co., S. Main St., Akron, Ohio
- Goodrich Rubber Co., B. F., Akron, Ohio
- Mechanical Rubber Co., C. & P. & Nickel Plate R.R., Cleveland, Ohio
- Miller Rubber Co. of N. Y., S. High St., Akron, Ohio
- New York Belting & Packing Co., 91 Chambers St., New York, N. Y.
- Royal—see Cincinnati Rubber Mfg. Co.
- United States Rubber Co., 1790 Broadway, New York, N. Y.
- Vitalic—see Continental Rubber Works

TUBING, Spaghetti

- Acme Wire Co., Dixwell Ave., New Haven, Conn.
- Ajax—see Philmore Mfg. Co.
- Alpha Radio Supply Co., 621 Broadway, New York, N.Y.
- Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill. "Beldentube" "Itala"
- Beldentube—see Belden Mfg. Co.
- Bentley-Harris Mfg. Co., Elm & Ash Sts., Conshohocken, Pa. "B-H"
- B-H — See Bentley-Harris Mfg. Co.
- Blue Ribbon—see Crescent Braid Co.
- ✓Brand & Co., Wm., 27 E. 22d St., New York, N. Y. See advertisement, page 182.
- ✓Crescent Braid Co., Providence, R. I. "Blue Ribbon" See advertisements, pages 31 and 55.



Quality Varnished Tubing

"Spaghetti"

MADE of closely-braided cotton yarn, impregnated and baked—not dipped. Flexible, durable, smooth-coated, thin walled—with no inside obstructions. Of high dielectric strength; resisting oil, water, acids, gas and heat. Always flexible—will not dry out and become brittle.

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Diaphragms — Condenser-Films

Mica Diaphragms for Radio Loud Speakers and Units. Carefully selected African mica—of finest tonal quality.

Quality mica furnished

for condenser use. Recommended for its high dielectric constant, high insulation and temperature resistance and extremely low loss.

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St. Louis, Mo. Representatives: GRIFFITHS & HENDERSON, Detroit, Mich. Representatives: CLARK-SMITH CORPORATION.

TUBING, Spaghetti Continued

Empire—see Mica Insulator Co.

Faultless Rubber Co., Ashland, Ohio

Goodrich Rubber Co., B. F., Akron, Ohio

Irvington Varnish & Insulator Co., Tremont Terrace, Irvington, N. J.

Itala—see Belden Mfg. Co.

✓ Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.

Mica Insulator Co., 68 Church St., New York, N. Y. "Empire"

Mitchell-Rand Mfg. Co., 18 Vesey St., New York, N. Y.

Phillmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

Schoonmaker Insulation Co., A. O., 30 University Pl., New York, N. Y.

Uptown Mfg. & Supply Co., 7724 N. Pauline St., Chicago, Ill.

Varflex Corp., 403 Elm St., Rome, N. Y.

Westphal Mfg. Laboratory, 80 E. Jackson Blvd., Chicago, Ill.

Worcester Braiding Co., 34 Southbridge St., Worcester, Mass.

TUBING, Varnished Cambric—

see Tubing, Spaghetti

TUBULAR COPPER ANTENNA WIRE—

see Wire, Tubular Copper Antenna

TUNED RADIO FRE- QUENCY COILS—

see Transformers, Tuned Radio Frequency

TUNED RADIO FREQUENCY TRANSFORMERS—

see Transformers, Tuned Radio Frequency

TUNERS AND TUNING COILS

✓ Acme Products Co., 107 N. Canton St., Boston, Mass. "A-P" See advertisement, page 40.

Acorn—see Royal Radio Products Co.

✓ Aero Products, Inc., 1772 Wilson Ave., Chicago, Ill. See advertisement, page 183.

Air-King—see Excelsior Radio Co.

Air-Trol—see Imperial Electric Mfg. Co.

Ajax—see Fraser Wire Co.

All-Henry Coil Co., Norwalk, Cal.

Ambassador Sales Co., 108 Greenwich St., New York, N. Y.

American Mechanical Laboratories, 285 N. Sixth St., Brooklyn, N. Y. "Clarotuner"

Andrews—see Radio Units, Inc.

A-P—see Acme Products Co.

Arc Rad Products, 48 S. Seventh St., Newark, N. J.

Baldwin Radio Electrical Mfg. Co., 684 Bergen St., Brooklyn, N. Y.

Barnett-Lloyd Co., 17 N. La Salle St., Chicago, Ill. "Hi-Power"

Barrett & Paden, 1314 Sedgwick St., Chicago, Ill. "B & P."

Bell Radio Corp., 1913 Fifth Ave., N., Birmingham, Ala.

Birnback Radio Co., 370 Seventh Ave., New York, N. Y.

B. & P.—see Barrett & Paden

✓ Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ill. "B.T." See advertisements, pages 49, 127, 133 and 171.

Bruno Radio Corp., 221 Fulton St., New York, N. Y.

B.T.—see Bremer-Tully Mfg. Co.

Buell Mfg. Co., 2975 Cottage Grove Ave., Chicago, Ill.

Carco—see Carter Mfg. Co.

Carter Mfg. Co., 1728 Coit Ave. (E. Cleveland), Cleveland, Ohio. "Carco"

Chase Radio, 41 Forest St., Springfield, Mass.

Clarotuner—see American Mechanical Laboratories

Coast Coil—see Foote Radio Corp.

Coast Coupler Co., 245 E. Seventh St., Long Beach, Cal.

Conrad Bros., 1609 Cooper Ave., Evergreen, L. I., N. Y.

Coto-Coil Co., 87 Willard Ave., Providence, R. I.

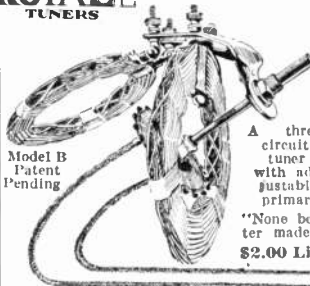
Crescent Radio Mfg. Co., 35 W. 19th St., New York, N. Y.

TUNERS AND TUNING COILS
Continued

- Curkoid Corp., 100 Charles St., New York, N. Y.
- Davenport Radio Laboratories, Davenport, Iowa
- Davidson Radio Corp., 134 Livingston St., Brooklyn, N. Y. "Rasla"
- Dunn Mfg. Co., Clarinda, Iowa
- Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y.
- Eastern Coil Co., 22 Warren St., New York, N. Y.
- Eastern Electric & Mfg. Co., 140 Chestnut St., Providence, R. I.
- Electrad, Inc., 423 Broadway, New York, N. Y. "Veria"
- Electric City Novelty & Mfg. Co., 120 Odell St., Schenectady, N. Y. "Radjo"
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ill. "Erla"
- Elkay — see Langbein-Kaufman Radio Co.
- Erla—see Electrical Research Laboratories
- Essential Coil Co., 4556 N. Clark St., Chicago, Ill.
- Essex Mfg. Co., 40 Lawrence St., Newark, N. J. "Fall Mall"
- Excelsior Radio Co., 226 Grand St., Brooklyn, N. Y. "Air-King"
- Ferbend Electric Co., 429 W. Superior St., Chicago, Ill. "Maxmin"
- Fori Radio Mfg. Co., 1167 Bedford Ave., Brooklyn, N. Y.
- Fischer & Co., G. H., 2604 Myrtle Ave., Glendale, L.I., N. Y.
- Footo Radio Corp., 1609 Summer St., Philadelphia, Pa. "Coast Coil"
- Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"
- Forrest Mfg. Co., 5353 Lexington Ave., Los Angeles, Cal.
- Fraser Wire Co., Russell, 115 Lexington Ave., Maspeth, L. I., N. Y. "Midg-E-Tuner"
- General Mfg. Co., 6637 Cottage Grove Ave., Chicago, Ill. "Gen-Ral"
- General Winding Co., 214 Fulton St., New York, N. Y. "Gen-Win"
- Gen-Ral—see General Mfg. Co.
- Gen-Win—see General Winding Co.
- Globe Radio Equipment Co., 217 W. 125th St., New York, N. Y.
- Goodman, L. W., 436 Forrest Ave., Drexel Hill, Pa.
- Hammarlund Mfg. Co., 424 W. 33d St., New York, N. Y.



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Submit sketches or blueprints for any special type of cabinet work. Our factory facilities permit us to quote on your cabinet work at prices which are exceedingly attractive.

COIL WINDING:
We are specially equipped to handle economically and speedily orders from manufacturers on Radio Frequency coils, tuners, coils of any special design, for almost any circuit. Let us quote.

\$2.00 List. ROYAL RADIO PRODUCTS CO., 623 Callowhill St., Phila., Pa.

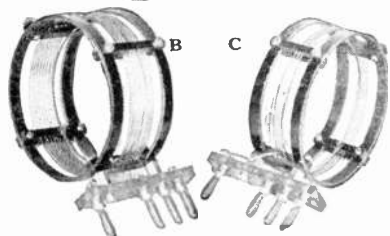
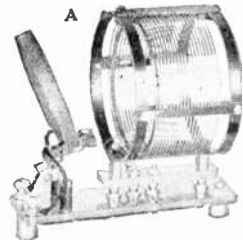
A Dealer in Georgia says about Directory:

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A Better and Different PLUG-IN COIL

Note its advantages listed below —and try and do without it!

1. Positive contact is secured through General Radio plugs and jacks.
2. With 3 Coils, continuous, gapless range is secured from 140 to 16 meters. One of the 20-40-80 meters amateur bands is located in the middle of the tuning range of each of the 3 coils. (For this a SFL Condenser, 140 mmfd. max. cap. is essential.)
3. Operation of regeneration condenser has no effect on the tuning; the 2 controls are completely independent.
4. Antenna coupling is adjustable; done by a primary coil and not through a condenser. Secondary coils are specially constructed so that setting of primary coil does not need to be changed when secondaries are exchanged.
5. Coils are spaced-wound solenoids on skeleton frames.
6. Both tickler and antenna coil are at filament end of the secondary.
7. These coils cover the 3 U. S. Amateur Bands, all European Amateur Bands. Short-Wave Broadcast, U. S. Naval and Commercial Short Wave Stations, etc.



With Mounting \$12.50. 100-200 Meter Coil \$1.00 Extra.

These coils are essential to the most efficient operation of your station. Order yours TODAY.

AERO PRODUCTS, INCORPORATED
1772 Wilson Avenue, Chicago, Ill.

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Doubletroid Coils

Patented
Mar. 31, 1925

"Doubletroids" can be mounted at any angle or spaced at any distance.

"Doubletroids" make more selective sets possible, since they do not form miniature loop aeri-als.

"Doubletroids" hold static and other disturbances to a minimum since no current from an external source can influence them.

Both primary and secondary are true toroids. The magnetic path is shortest. It is the most compact.



RADIO FOUNDATION, Inc.

25 West Broadway, New York

Patented June 16, 1925



It's Variable

The Nonoise Gridleak improves reception because it can be adjusted for every station. Fits standard brackets. Absolutely noiseless. At all dealers and in the better sets.

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Harkness Radio Corp., Kenn-eth, 727 Frelinghuysen Ave., Newark, N. J.

Haydon & Haydon, 73 Warren St., New York, N. Y.

Hendrick, Stuart A., 85 W. 181st St., New York, N. Y.

Henninger Corp., A. F., 4509 Ravenswood Ave., Chicago, Ill. "Power-Plus"

Hilco—see Hill Mfg. Co.

Hill Mfg. Co., A. E., 80 Mangum St., Atlanta, Ga. "Hilco"

Hi-Power—see Barnett-Lloyd Co.

Hudson Terminal Radio & Electric Co., 30 Church St., New York, N. Y.

Imperial Electric Mfg. Co., 58 Columbia St., Newark, N. J. "Air-Trol"

Ion Radio Corp., 5 Hudson St., New York, N. Y.

Irelan, A. E., 27 W. Elmwood Ave., Sharon Hill, Pa. "Wonder"

Irwin Radio Laboratories, 1419 W. Eighth St., Los Angeles, Cal.

Kelcoil—see Kruger & Co.

✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover

Klingenhauer Bros., 126 N. 52d St., Philadelphia, Pa.

Kruger & Co., B., Third & Spring Sts., Los Angeles, Cal. "Kelcoil"

✓Langbein-Kaufman Radio Co., Dept. O., 511 Chapel St., New Haven, Conn. "Elkay." See advertisement, page 114.

Lee Electric & Mfg. Co., 220 Eighth St., San Francisco, Cal. "Lemco"

Lemco—see Lee Electric & Mfg. Co.

Lincoln Radio Corp., 151 W. 28th St., New York, N. Y.

Lopez—see Radio Engineering Laboratories

McConnell Cable & Specialty Co., 424 S. Clinton St., Chicago, Ill.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Maxmin—see Ferbend Electric Co.

Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Mazdayne"

Mazdayne—see Mazda Radio Mfg. Co.

Midg-E-Tuner—see Fraser Wire Co.

Morris Register Co., 29th St. & Broadway, Council Bluffs, Iowa

Munzig Radio Co., 1017 Tribune St., Redlands, Cal.

Nazeley Co., J., 1824 Park Ave., Weehawken, N. J.

New York Coil Co., 338 Pearl St., New York, N. Y.

Neutroflex—see Tanner Co.

Octopus Radio Co., 96 Clinton Ave., Maspeth, N. Y.

Pall Mall—see Essex Mfg. Co.

Pathe Phonograph & Radio Corp., 20 Grand Ave., Brooklyn, N. Y.

Pentz Radio Factory, 207 S. Fifth St., Minneapolis, Minn.

Perfection Radio Mfg. Co., 24th & Race Sts., Philadelphia, Pa.

✓Phoenix Radio Laboratory, 114 S. Central Ave., Phoenix, Ariz. See advertisement, page 57.

Power-Plus—see Henninger Corp.

Precision Coil Co., 209 Centre St., New York, N. Y.

Radio Engineering Laboratories, 27 Thames St., New York, N. Y. "Lopez"

Radio Requirements Co., Fifth & Market Sts., Philadelphia, Pa. "Thurman"

✓Radio Units, Inc., 1316 S. First Ave., Maywood, Ill. "Andrews" See advertisement, page 25.

Radjo—see Sharp Spark Plug Co.

When writing advertisers, please mention THE RADIO TRADE DIRECTORY

TUNERS AND TUNING COILS

Continued

Radio — see Electric City Novelty & Mfg. Co.

Rasla—see Davidson Radio Corp.

Rector & Co., F. J., Pendleton, N. J.

Royco — see Royal Radio Products Co.

✓Royal Radio Products Co., 628 Callowhill St., Philadelphia, Pa. "Acorn" "Royco" See advertisement, page 183.

Shamrock Mfg. Co., 196 Waverly Ave., Newark, N. J.

Sharp Spark Plug Co., Bennett St., Wellington, Ohio "Radjo"

Siekles Co., F. W., 130 Union St., Springfield, Mass.

Simplex Radio Co., 1013 Ridge Ave., Philadelphia, Pa.

Stafford Radio Co., 29 Newberne St., Medford Hillside, Mass.

Star Radio Products Co., 711 S. Dearborn St., Chicago, Ill.

Superior Coll Co., Harwichpoint, Mass.

Sypher Mfg. Co., 1524 Fernwood Ave., Toledo, Ohio

Tanner Radio Co., C. D., 528 W. Washington St., Los Angeles, Cal. "Neutroflex"

Thurman — see Radio Requirements Co.

Tidmarsh's Radio Supply, 1535 S. A. St., Elwood, Ind. "T-R-S"

T-R-S—see Tidmarsh's Radio Supply.

Twitchell Co., S. A., 1925 Western Ave., Minneapolis, Minn.

Unilog Radio Corp., 4101 S. Union Ave., Chicago, Ill.

Un-X-Ld—see Forman & Co.

Veria—see Electrad, Inc.

Vesco Radio Co., 6428 E. 14th St., Oakland, Cal.

Voismeter Mfg. Co., Kirkwood, Mo.

Wolke Electric Co., 618 S. First St., Louisville, Ky.

Wonder—see Irelan, A. E.

WorkRite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio

TUNING COIL SLIDERS—

see Sliders, Tuning Coil

TUNING COILS—

see Coils, Inductance
also Coils, Slide Tuning

TUNING DIALS—

see Dials

TWIST DRILLS—

see Drills, Twist

UNITS, Loud Speaker or Phonograph

Accuratone — see Mydar Radio Co.

Acousticola — see Trimm Radio Mfg. Co.

Airex Mfg. Co., 1259 Main St., Seattle, Wash.

Ajax—see Philmore Mfg. Co.

American Electric Co., 6401 S. State St., Chicago, Ill. "Burns" "Victor"

American International Trading Co., 24 Stone St., New York, N. Y. "Empire"

✓Amplion Corp. of America, Suite 42, 280 Madison Ave., New York, N. Y. See advertisement, page 150.

Ample-Tone — see Union Fabric Co.

Atlas-Colonial Corp., East Ave. & Tenth St., Long Island City, N. Y.

Atwater Kent Mfg. Co., 4700 Wissahickon Ave., Philadelphia, Pa.

Baker-Smith Co., New Call Bldg., San Francisco, Cal. (Sole Distributors for Bel-Canto Radio & Telephone Equipment Co., New York, N. Y.)

Baldwin, Nathaniel, 3474 S. 23d East St., Salt Lake City, Utah

Bel-Canto Radio & Telephone Equipment Co.—see Baker-Smith Co.

Belltone Radio Corp., 81 Crosby St., New York, N. Y.

Bemco Mfg. Co., 243 W. 55th St., New York, N. Y. "Tripletone"

✓Berg Auto Trunk & Specialty Co., Long Island City, N. Y. See advertisement, page 32.

Best Mfg. Co., 75 Hudson St., Newark, N. J. "Niagara"

Big Three Radio Corp., 16 Hudson St., New York, N. Y.

Bisby Mfg. Co., 54 Warren St., New York, N. Y.

Blue Streak Radio Co., 53 W. Jackson Blvd., Chicago, Ill. "Cremona"

Burns—see American Electric Co.

California Nightingale — see Stentorfone Co.

C I C—see Connecticut Instrument Co.

Columbia Phonograph Co., 1819 Broadway, New York, N. Y.

Connecticut Instrument Co., 219 South St., Stamford, Conn. "C I C"

Cremona—see Blue Streak Radio Co.

Cook, James J., 919 Madison Ave., Baltimore, Md.

Dictograph Products Corp., 2200 W. 42d St., New York, N. Y.

Dietzen, Inc., 71 Cortlandt St., New York, N. Y.

Duro Metal Products Co., 2649 N. Kildare Ave., Chicago, Ill. "Quali-Tone"

Dymac—see Electrical Products Mfg. Co.

Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I. "Dymac"

Empire—see American International Trading Co.

Federal Radio Corp., Buffalo, N. Y.

Fletcher-Wickes Co., 116 W. Illinois St., Chicago, Ill.

Friedlander - Kopple Radio Service, 149 Church St., New York, N. Y. "Welbilt"

Fultone—see Hall & Wells

Giant -- see Trimm Radio Mfg. Co.

Globe Phone Mfg. Co., Reading, Mass.

Granolite Corp., 222 Fourth St., Milwaukee, Wis.

Hall & Wells, 4600 Lincoln Ave., Chicago, Ill. "Fultone"

✓Hamburg Bros., 420-22 Seventh Ave., Pittsburgh, Pa. "Pennsylvania" See advertisement, page 75.

Hardscog Mfg. Co., Ottumwa, Iowa

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn.

Holtzer-Cabot Electric Co., 125 Amory St., Boston, Mass.

Jewel Phonoparts Co., 150 Whiting St., Chicago, Ill.

✓Jewett Radio & Phonograph Co., 5686 Telegraph Rd., Pontiac, Mich. See advertisements, pages 31, 65, 131, 151, 153, 155 and 187.

Jodra Mfg. Co., 61 Pier One., Seattle, Wash.

K-E — see Kirkman Engineering Corp.

When writing concerns listed, please mention THE RADIO TRADE DIRECTORY

UNITS, Loud Speaker Continued

- ✓**Kellogg Switchboard & Supply Co.**, 1066 W. Adams St., Chicago, Ill. See Inside Back Cover
- Kirkman Engineering Corp.**, 492 Broome St., New York, N. Y. "K-E"
- Kleertone Radio Corp.**, 298 Church St., New York, N. Y.
- Leader** — see Victor Radio Corp.
- Liberty Metal Products Corp.**, Ecree, Ohio
- Little Wonder** — see Trimm Radio Mfg. Co.
- Magnavox Co.**, 2725 E. 14th St., Oakland, Cal.
- Melotone**—see Radio Industries Corp.
- Metro**—see Pal Sales Corp.
- Mocking Bird**—see Morrison Laboratories, Inc.
- Mohawk Corp. of Illinois**, 2222 Diversey Parkway, Chicago, Ill.
- Morrison Laboratories, Inc.**, Lafayette Bldg., Detroit, Mich. "Mocking Bird"
- Mozart-Grand Co.**, 235 Elizabeth St., Newark, N. J.
- Music Master Corp.**, 128 N. Tenth St., Philadelphia, Pa.
- Mutual Phono Parts Mfg. Corp.**, 610 Broadway New York, N. Y.
- Mydar Radio Co.**, 9 Campbell St., Newark, N. J. "Accuracy"
- Niagara**—see Best Mfg. Co.
- Ovenshire Laboratories**, 706 N. Main St., Los Angeles, Cal "Symphony"
- Pal Radio Corp** — see Pal Sales Corp.
- Pal Sales Corp.**, Tube Concourse Bldg., Jersey City, N. J. (Sole Sales Representatives for Pal Radio Corp., Jersey City, N. J.) "Metro"
- ✓**Parcells & Co.**, 68 W. Washington St., Chicago, Ill. "Temple" See advertisement, page 152.
- Pennsylvania**—see Hamburg Bros.
- Perfectone** — see Teleradio Engineering Corp.
- Philmore Mfg. Co.**, 105 Chambers St., New York, N. Y. "Ajax"
- Potter Tool & Machine Works**, 79 E. 130th St., New York, N. Y.
- Presto Machine Products Co.**, 70 Washington St., Brooklyn, N. Y.
- Quall-Tone**—see Duro Metal Products Co.
- Radio Industries Corp.**, 131 Duane St., New York, N.Y. "Melotone"
- Radiocelc Mfg. Co.**, 368 Jellicoff Ave., Newark, N. J.
- Radiotive Corp.**, 5317 21st Ave., Brooklyn, N. Y. "Silken Voice"
- Ramo Radio Products Co.**, 135 Liberty St., New York, N. Y.
- Remo Corp.**, Meriden, Conn.
- Rhamstine, J. Thos.**, 508 E. Woodbridge St., Detroit, Mich.
- Rola Co.**, 4250 Hollis St., Oakland, Cal.
- Saal Co.**, H. G., 1800 Montrose Ave., Chicago, Ill.
- Schaeffer Mfg. Co.**, 226 E. 41st St., Portland, Ore.
- Selector Co.**, 2005 Sixth Ave., Seattle, Wash.
- Silken Voice** — see Radiotive Corp.
- Sonora Phonograph Co.**, 279 Broadway, New York, N.Y.
- Spartan Electric Corp.**, 99 Chambers St., New York, N. Y.
- Splitdorf Electrical Co.**, 392 High St., Newark, N. J.
- Standard Metal Mfg. Co.**, 237 Chestnut St., Newark, N.J.
- Stentorfone Co.**, 784 Ceres Ave., Los Angeles, Cal. "California Nightingale"
- Symphony** — see Ovenshire Laboratories
- ✓**Teleradio Engineering Corp.**, 490 Broome St., New York, N. Y. "Perfectone" Cataloged on page 152.
- Temple**—see Parcells & Co.
- Tillman Products Co.**, 187 W. Ninth St., Brooklyn, N. Y.
- Trimm Radio Mfg. Co.**, 24 S. Clinton St., Chicago, Ill. "Little Wonder" "Giant"
- Tripletone**—see Bemco Mfg. Co.
- Union Fabric Co.**, Derby, Conn. "Ampl-Tone"
- United Radio Corp.**, 115 Caledonia St., Rochester, N. Y.
- Vemco**—see Jewett Radio & Phonograph Co.
- Victor**—see American Electric Co.
- ✓**Victor Radio Corp.**, 4317 N. Western Ave., Chicago, Ill. "Leader." Cataloged on page 154.
- Welbilt** — see Friedlander-Kopple Radio Service
- Welty & Co.**, Wm. A., 36 S. State St., Chicago, Ill.
- Western Electric Co.**, 100 E. 42d St., New York, N. Y.
- White Beauty Electric Co.**, 4416 N. Western Ave., Chicago, Ill.
- Whiteland Mfg. Corp.**, 1600 Chestnut Ave., Brooklyn, N. Y.
- Zeco**—see Zisch Engineering Corp.
- Zisch Engineering Corp.**, 39 Ave. L., Newark, N. J. "Zeco"

UNITS, Tuning—

see Tuners and Tuning Coils

VACUUM LIGHTNING ARRESTERS—

see Arresters, Lightning, Indoor
also Arresters, Lightning Outdoor

VACUUM TUBE SOCKETS—

see Sockets

VACUUM TUBES—

see Tubes, Vacuum

VARIABLE CONDENSERS—

see Condensers, Variable
also Condensers, Variable Vernier

VARIABLE GRID-LEAKS—

see Grid-Leaks, Variable

VARIOCOUPLER DIALS—

see Dials

VARIOCOUPLERS

Able Tool & Engineering Co., 536 W. Elm St., Chicago, Ill. "Atec"

Air-King — see Excelsior Radio Co.

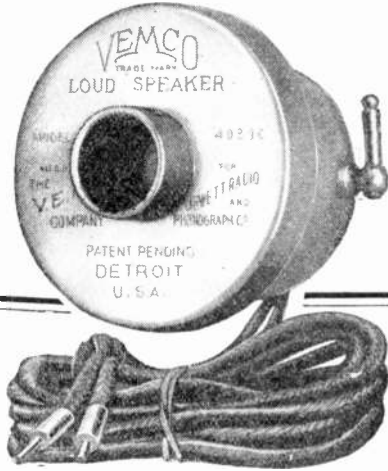
Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"

Amrad Corp., Medford Hillside, Mass.

Atec—see Able Tool & Engineering Co.

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Makes a loud speaker out of any phonograph, supplying results far superior to those produced by cheap horns with ordinary telephone units.

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Carco—see Carter Mfg. Co.

Carter Mfg. Co., 1728 Coit Ave., (E. Cleveland) Cleveland, Ohio "Carco"

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Coto-Coil Co., 87 Willard Ave., Providence, R. I.

Crescent Radio Mfg. Co., 35 W. 19th St., New York, N. Y.

Day Fan—see Dayton Fan & Motor Co.

Dayton Fan & Motor Co., Dayton, Ohio "Day-Fan"

De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.

Doran & Sons, James C., 150 Chestnut St., Providence, R. I.

Doron Bros. Electric Co., 325 N. B St., Hamilton, Ohio

Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y.

Eastern Coil Corp., 22 Warren St., New York, N. Y.

Eisemann Magneto Corp., 165 Broadway, New York, N. Y.

Essex Mfg. Co., 40 Lawrence St., Newark, N. J. "Pall Mall"

Excelsior Radio Co., 226 Grand St., Brooklyn, N. Y. "Air-King"

Federal Telephone Mfg. Corp., Buffalo, N. Y.

Feri Radio Mfg. Co., 1167 Bedford Ave., Brooklyn, N. Y.

Fischer & Co., G. H., 2604 Myrtle Ave., Glendale, L. I., N. Y.

Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

General Winding Co., 214 Fulton St., New York, N. Y. "Gen-Win"

Gen-Win—see General Winding Co.

Gillfillan Bros., 1815 W. 16th St., Los Angeles, Cal.

Green Seal—see Air-Way Electrical Appliance Corp.

Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. "H & H"

Hartman Electrical Mfg. Co., 34 E. Fifth St., Mansfield, Ohio

H & H—see Hart & Hegeman Mfg. Co.

Hilco—see Hill Mfg. Co.

Hill Mfg. Co., A. E., 80 Mangum St., Atlanta, Ga. "Hilco"

Imperial Electric Mfg. Co., 58 Columbia St., Newark, N. J.

Jones Radio Mfg. Co., Jos. W., 40 W. 25th St., New York, N. Y.

✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.

✓Langbein-Kaufman Radio Co., Dept. O., 511 Chapel St., New Haven, Conn. See advertisement, page 114.

Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Manhattan Electrical Supply Co., 17 Park Pl. New York, N. Y.

Marine Radio Mfg. & Electric Co., 1044 St. Nicholas Ave., New York, N. Y.

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A-C Electrical Mfg. Co., Dayton, Ohio

Air-Way Electric Appliance Corp., 618 Broadway, Toledo, Ohio "Green Seal"

Anrad Corp., Medford Hills, Mass.

Atec—see Able Tool & Engineering Co.

Atwater Kent Mfg. Co., 4700 Wissahickon Ave., Philadelphia, Pa.

Baldwin Radio Electrical Mfg. Co., 684 Bergen St., Brooklyn, N. Y.

Breco Radio Corp., 687 Courtlandt Ave., New York, N. Y.

Carco—see Carter Mfg. Co.

Carter Mfg. Co., 1728 Coit Ave., (E. Cleveland) Cleveland, Ohio "Carco"

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 De Forest Radio Tel. & Tel. Co., 124 Sherman Ave., Jersey City, N. J.
 Doran & Sons, James C., 150 Chestnut St., Providence, R. I.
 Doron Bros. Electric Co., 325 N. B St., Hamilton, Ohio
 Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y.
 Elsemann Magneto Corp., 165 Broadway, New York, N. Y.
 Essex Mfg. Co., 40 Lawrence St., Newark, N. J. "Pall Mall"
 Federal Telephone Mfg. Corp., Buffalo, N. Y.
 Ferl Radio Mfg. Co., 1167 Bedford Ave., Brooklyn, N. Y.
 Fischer & Co., G. H., 2604 Myrtle Ave., Glendale, L. I., N. Y.
 Forman & Co., 366 Greenwich St., New York, N. Y. "Un-X-Ld"

✓General Radio Co., Cambridge, Mass. See advertisement, page 47.

General Winding Co., 214 Fulton St., New York, N. Y. "Gen-Win"

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Gilfillan Bros., 1815 W. 16th St., Los Angeles, Cal.

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✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. See Inside Back Cover.

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Magnus Electric & Radio Mfg. Corp., 787 E. 138th St., New York, N. Y.

Manhattan Electrical Supply Co., 17 Park Pl., New York, N. Y.

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see Variometers

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Amdivar—see American Di-Electrics, Ltd.

American Di-Electrics, Ltd., 466 E. Seventh St., Brooklyn, N. Y. "Amdivar" "Armovar"

Armovar—see American Di-Electrics, Ltd.

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✓General Electric Co. (Merchandising Division) Bridgeport, Conn. See advertisement, page 109.

Impervious Varnish Co., Pittsburgh, Pa.

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✓Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill. "Wilbur." See Inside Back Cover.

M. I. C.—see Mica Insulator Co.

Mica Insulator Co., 68 Church St., New York, N. Y. "M. I. C."

Mitchell-Rand Mfg. Co., 18 Vesey St., New York, N. Y.

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Fisher & Norris, 37 Fair St., Trenton, N. J.

Goodell-Pratt Co., Wells St., Greenfield, Mass.

Hollands Mfg. Co., 348 E. 18th St., Erie, Pa.

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Braunsdorf-Mueller Co., 205 Madison St., Elizabeth, N. J.

Goodell-Pratt Co., Wells St., Greenfield, Mass.

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Kilbourne & Bishop Co., 196 Chapel St., New Haven, Conn. "K & B"

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WALL JACKS—

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✓Arrow Hardware Corp., 27 Vestry St., New York, N. Y. See advertisement, page 118.

Bridgeport Brass Co., Bridgeport, Conn.

Chicago Nut Mfg. Co., 2513 W. Cullerton St., Chicago, Ill.

✓Granmes & Sons, L. F., 310 Union St., Allentown, Pa. See advertisements, pages 97 and 159.

Guarantee Specialty Mfg. Co., 5100 Superior Ave., Cleveland, Ohio

Massachusetts Machine Shop, 317 Albany St., Boston, Mass.

✓Pheoll Manufacturing Co., 5710 Roosevelt Rd., Chicago, Ill. See advertisement, page 120.

Rome Brass & Copper Co., Bouck St., Rome, N. Y.

Steele & Johnson Mfg. Co., 779 S. Main St., Waterbury, Conn.

Stimpson Co., Edwin B., 74 Franklin Ave., Brooklyn, N. Y.

Waterbury Mfg. Co., 236 Grant St., Waterbury, Conn.

WASHERS, Copper—

see Washers, Brass and Copper

WASHERS, Felt

✓American Felt Co., 213 Congress St., Boston, Mass. See advertisement, page 69.

Booth Felt Co., 463 19th St., Brooklyn, N. Y.

✓Brawley, T. R., 275-77 20th St., Brooklyn, N. Y. See advertisement, page 68.

Monarch Felt Works, 39 York St., Brooklyn, N. Y.

✓Western Felt Works, 4031-4117 Ogden Ave., Chicago, Ill. See advertisement, page 69.

WASHERS, Lock

Keystone—see Positive Lock Washer Co.

National Lock Washer Co., 40 Hermon St., Newark, N. J.

National Umbrella Frame Co., 75 Murray St., New York, N. Y.

✓Positive Lock Washer Co., Newark, N. J. "Keystone" See advertisement, page 191.

Reliance Mfg. Co., Massillon, Ohio

✓Shakeproof Lock Washer Co., 2517 N. Keeler Ave., Chicago, Ill. See advertisement, page 198.

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see Traps, Wave

WAVE METERS—

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Gold Medal — see *Morris, Walter C.*I. X. L.—see *U. C. Battery & Electric Co.*✓*Keystone Products Co., 304 Gardina Ave., Royal Oak, Mich. See advertisement, page 57.*

Melodian Laboratories, Independence, Mo.

Miller Radio Co., A. H., 1259 W. Grand Blvd., Detroit, Mich. "Platine"

Morris, Walter C., 168 Rosister Ave., Yonkers, N. Y. "Gold Medal"

Parker-Aeolus Corp., 161 Grand St., New York, N.Y.

✓*Permanco Mfg. Corp., 814-16 Prospect Ave., Brooklyn, N. Y. "Premo" See advertisement, page 89.*Platine—see *Miller Radio Co.*Premo—see *Permanco Mfg. Corp.*

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Taylor Electric Co., 1206 Broad St., Providence, R.I.

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Cataloged on page 198.

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Made in PHOSPHOR BRONZE—Especially for RADIO MANUFACTURERS—Also in Steel

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✓*Royal Radio Products Co., 628 Callowhill St., Philadelphia, Pa. "Acorn" See advertisement, page 183.*See-Ess—see *Wireless Electric Co.*

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✓*Stevens & Co., 375 Broadway, New York, N. Y.*

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Acme Wire Co., Dixwell Ave., New Haven, Conn.

A-P—see Acme Products Co. Auman, F. W., 1218 Franklin Ave., Wilkensburg, Pa.

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Coto-Coil Co., 87 Willard Ave., Providence, R. I.

Doyle Dacosta Mfg. Co., Easton, Pa.

✓Dudlo Mfg. Corp., Fort Wayne, Ind. See advertisement, page 192.

Eastern Coil Corp., 22 Warren St., New York, N. Y.

Eastern Electric & Mfg. Co., 140 Chestnut St., Providence, R. I.

Easton Coil Co., Keplers, Pa.

Excelsior Radio Co., 226 Grand St., Brooklyn, N. Y.

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Kenyon Mfg. Co., 2360 Amsterdam Ave., New York, N. Y.

Robertson-Davis Co., 412 Orleans St., Chicago, Ill.

✓Royal Radio Products Co., 628 Callowhill St., Philadelphia, Pa. See advertisement, page 183.

✓Teleradio Engineering Corp., 490 Broome St., New York, N. Y. Cataloged on page 152.

Transcontinental Coil & Winding Co., 5 Kirk Pl., Newark, N. J.

Varley Duplex Magnet Co., 15 Exchange Pl., Jersey City, N. J.

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also Wire, Single Strand Copper

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also Wire, Tubular Copper Antenna

WIRE, Bell

✓American Brass Co., 25 Broadway, New York, N. Y. See advertisement, page 193.

American Steel & Wire Co., 208 S. La Salle St., Chicago, Ill.

Ansonia Electrical Co., Ansonia, Conn.

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.

Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.

✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico" See advertisement, page 194.

Corwico—see Cornish Wire Co.

Davis-Jones Insulated Wire Co., Pawtucket, R. I.

Goldmark Co., James, 83 Warren St., New York, N. Y. (Gen. Sales Agents for New England Electrical Works, Lisbon, N. H.)

Holyoke Co., 621 Broadway, New York, N. Y.

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WIRE, Braided Copper Antenna

Amplitone—see Shinn Mfg. Co.

✓Anylite Electric Co., Fort Wayne, Ind. See advertisement, page 126.

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.

Bosworth Line & Wire Co., East Homer, N. Y.

✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico." See advertisement, page 194.

Corwico—see Cornish Wire Co.

Raco—see Ross Wire Co.

Roebing's Sons Co., John A., S. Broad & Canal Sts., Trenton, N. J.

✓Ross Wire Co., 69 Bath St., Providence, R. I. "Raco" See advertisement, page 193.

Shinn Mfg. Co., W. C., 2024 N. Racine St., Chicago, Ill. "Amplitone"

Springfield Wire & Tinsel Co., 67 Taylor St., Springfield, Mass.

WIRE, Brass and Copper

Ajax—see Fraser Wire Co.

Baltimore Brass Co., 1204 Wicomico St., Baltimore, Md.

✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico." See advertisement, page 194.

Corwico—see Cornish Wire Co.

Dallas Brass & Copper Co., 820 Orleans St., Chicago, Ill.

Fraser Wire Co., Russell, 115 Lexington Ave., Maspeth, L. I., N. Y. "Ajax"

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*Manufacturers of Insulated Wires
For a Quarter Century*

We have recently developed a new type of wire for wiring radio sets—Type 184—Stands 12,000 volts, is flexible, will not absorb moisture and is easily soldered. Supplied in five standard colors. Samples will be sent to set manufacturers upon request.

All Types of Wires
and Special Wiring Assemblies

Manufactured By

**THE GOODYEAR RUBBER
INSULATING CO.**

Park Ave. and 131st St., New York

and

**The Whitney Blake
Company**

New Haven, Conn.

Distributed Solely By

Graybar

ELECTRIC COMPANY, INC.

SUCCESSOR TO GRAYBAR WIRE & CABLE CO. - Western Electric

Offices in 54 Principal Cities

EVERY KIND OF ANTENNA WIRE

SOLID

In copper.
In tinned.
In enameled.

BRAIDED

In tinned.
In enameled.
In bronzed.
16 strands and
20 strands.

STRANDED

Plain copper.
Tinned.
Enameled.
7 by 22 and 7 by 24.

FLAT RIBBON

In copper.
In tinned.
In enameled.
17 strands and
25 strands.

We also make silk and cotton covered loop wire, as well as Litz wire, 10 to 65 strands. We make special wires for special purposes and as this is our entire business we are in a position to give you the best at the lowest price, and Quick Deliveries. Just tell us what you need.

Dealers Everywhere. Ask Your Jobber for Literature and Sales-Pulling Prices.

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ROSS WIRE COMPANY
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by

Fortified Insulation
Method

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Highest Dielectric strength

Maximum Flexibility

Absolute Uniformity

PLUS

A dependable source of
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Sample on request.

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MAGNET WIRE

LITZ WIRE

LEAD-IN WIRE

FLEXIBLE HOOK-UP WIRE

MAGNET WIRE ON $\frac{1}{4}$, $\frac{1}{2}$ and 1 lb Spools

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DETECTOR WIRE

And the New Fast Seller

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Plain, Tinned, or Enameled

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WIRE, Brass and Copper Continued

Roebling's Sons Co., John A., S. Broad & Canal Sts., Trenton, N. J.

✓ Scovill Mfg. Co., Waterbury, Conn. See advertisement, page 161.

Strand & Sweet Mfg. Co., Winsted, Conn.

WIRE, Bus—

see Wire, Bus-Bar

WIRE, Bus-Bar

Acme Wire Co., Dixwell Ave., New Haven, Conn. "Celatsite"

Ajax—see Fraser Wire Co.

Ajax—see Philmore Mfg. Co. Alpha Radio Supply Co., 621 Broadway, New York, N. Y.

✓ American Brass Co., 23 Broadway, New York, N. Y. See advertisement, page 193.

✓ Anylite Electric Co., Fort Wayne, Ind. "King Cole" See advertisement, page 126.

Atlantic Insulated Wire & Cable Co., Rome, N. Y.

Bassett Metal Goods Co., Derby, Conn.

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.

Celatsite—see Acme Wire Co.

Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.

Consolidated Wire & Associated Corp., 430 S. Green St., Chicago, Ill.

Cook Plate Co., Edward N., 70 Ship St., Providence, R. I.

✓ Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico." See advertisement, page 194.

Corwico—see Cornish Wire Co.

Doran & Sons, James C., 150 Chestnut St., Providence, R. I.

Essex Mfg. Co., 40 Lawrence St., Newark, N. J. "Skwareflex"

Fraser Wire Co., Russell, 115 Lexington Ave., Maspeeth, L. I., N. Y. "Ajax"

King Cole—see Anylite Electric Co.

Musselman, A. J., 549 Washington Blvd., Chicago, Ill.

Philmore Mfg. Co., 105 Chambers St., New York, N. Y. "Ajax"

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Pure Copper

Solid—Stranded—
Bare—Tinned—Enameled

Our plant is equipped with the newest and most improved machinery for wire manufacture, with new wrinkles in the way of short cuts to production that bring down costs for all of us—maximum production, consistently maintained.



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Trenton, N. J.
Rome Wire Co., Rome, N. Y.
Rondflex—see Essex Mfg. Co.
Skwareflex—see Essex Mfg.
Co.

WIRE CLIPS—

see Clips, Connecting

WIRE CONNECTORS—

see Connectors, Solderless
Bus-Wire

WIRE COPPER—

see Wire, Brass and Copper

**WIRE, Copper Clad
Steel Antenna**

✓Apex Stamping Co., Riverdale, Ill. "Jiffy" See advertisement, page 199.
Aristos—see Copperweld Steel Co.
Copperweld Steel Co., Rankin, Pa. "Aristos"
Jiffy—see Apex Stamping Co.
Standard Underground Cable Co., 17th & Pike Sts., Pittsburgh, Pa.

WIRE, Enameled Copper Antenna

Acme Wire Co., Dixwell Ave., New Haven, Conn.
Acorn Radio Products Co., 708 W. Madison St., Chicago, Ill.
AirTram—see Radio-Electric Mfg. Co.
American Insulated Wire & Cable Co., 954 W. 21st St., Chicago, Ill.
Ansonia Electrical Co., Ansonia, Conn.
Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.
Bosworth Line & Wire Co., East Homer, N. Y.
✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico" See advertisement, page 194.
Corwico—see Cornish Wire Co.
Raco—see Ross Wire Co.
✓Radio-Electric Mfg. Co., 412 Clinton Ave., Newark, N. J. "AirTram" See advertisement, page 194.

Revolute Wire Co., Hastings, N. Y.
Roebling's Sons Co., John A., S. Broad & Canal Sts., Trenton, N. J.
✓Ross Wire Co., 69 Bath St., Providence, R. I. "Raco." See advertisement, page 193.

**WIRE, Flat or Strip
Copper Antenna**

Acorn Radio Products Co., 708 W. Madison St., Chicago, Ill. "Transcontinental"
Baltimore Brass Co., 1204 Wicomco St., Baltimore, Md.
Consolidated Wire & Associated Corp., 430 S. Green St., Chicago, Ill.
Corwico—see Cornish Wire Co.
✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico" See advertisement, page 194.
National Metal Molding Co., Fulton Bldg., Pittsburgh, Pa.
Raco—see Ross Wire Co.
✓Ross Wire Co., 69 Bath St., Providence, R. I. "Raco" See advertisement, page 193.
Transcontinental—see Acorn Radio Products Co.

**WIRE,
Gold Plated Antenna**

American Luminous Products Co., 320 Marbisa Ave., Huntington Park, Cal. "Gosilco"
Gold Wave—see Luxem & Davis Mfg. Co.
Goldenrod—see Imp Radio Corp.
Gosilco—see American Luminous Products Co.
Imp Radio Corp., 6 E. Lake St., Chicago, Ill. "Goldenrod"
Luxem & Davis Mfg. Co., 6229 Broadway, Chicago, Ill. "Gold Wave"

WIRE, Ground—

see Wire, Rubber Covered

WIRE, Insulated—

see Wire, Bell
also Wire, Magnet
also Wire, Rubber Covered

WIRE, Lead-In—

see Wire, Rubber Covered

WIRE, Litz—

see Wire, Stranded Enamelled

WIRE, Magnet

Acme Wire Co., Dixwell Ave., New Haven, Conn. "Enamelite"
Ajax—see Fraser Wire Co.
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American Electrical Works, Phillipsdale, R. I. "Amelectric"
American Enameled Magnet Wire Co., Muskegon, Mich.
American Insulated Wire & Cable Co., 954 W. 21st St., Chicago, Ill.
American Steel & Wire Co., 208 S. LaSalle St., Chicago, Ill.
Ansonia Electrical Co., Ansonia, Conn.
✓Anylite Electric Co., Fort Wayne, Ind. "King Cole" See advertisement, page 126.
Atlantic Insulated Wire & Cable Co., Rome, N. Y.
Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.
Bostworth Line & Wire Co., East Homer, N. Y.
Bradford, Kyle & Co., Plymouth, Mass.
Consolidated Wire & Associated Corp., 430 S. Green St., Chicago, Ill.
✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico." See advertisement, page 194.
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Enamelite—see Acme Wire Co.
Fraser Wire Co., Russell, 115 Lexington Ave., Masspeth, L. I., N. Y. "Ajax"
Goldmark Co., James, 83 Warren St., New York, N. Y. (Gen. Sales Agents for New England Electrical Works, Lisbon, N. H.)
Holyoke Co., 621 Broadway, New York, N. Y.
King Cole—see Anylite Electric Co.
Marling Wire Co., Muskegon, Mich.
Massachusetts Electric Mfg. Co., 11 Margin St., West Lynn, Mass.

WIRE, Magnet Continued

New England Electrical Works—see Goldmark Co.
 Philadelphia Insulated Wire Co., 200 N. Third St., Philadelphia, Pa.
 Roebing's Sons Co., John A., S. Broad & Canal Sts., Trenton, N. J.
 Rome Electrical Co., Rome, N. Y.
 Rome Wire Co., Rome, N. Y.
 Standard Underground Cable Co., 17th & Pike Sts., Pittsburgh, Pa.
 Sterling Insulated Wire Co., 519 Main St., Pawtucket, R. I.
 Strand & Sweet Mfg. Co., Winsted, Conn. "Sweetstrand"
 Sweetstrand—see Strand & Sweet Mfg. Co.
 Super-Insulated Wire Co., Plymouth, Mass.
 Waco Wire Co., 3605 N. Smedley St., Philadelphia, Pa.
 Wheeler Insulated Wire Co., 1188 Main St., Bridgeport, Conn.

WIRE, Platinum—

see Platinum

WIRE, Resistance

Bradford, Kyle & Co., Plymouth, Mass.
 Chromel—see Hoskins Mfg. Co.
 Cupron—see Gilby Wire Co.
 Driver-Harris Co., Harrison, N. J. "Nichrome"
 Gilby Wire Co., 123 Jackson St., Newark, N. J. "Cupron" "Solar" "Tophet"
 Hoskins Mfg. Co., Detroit, Mich. "Chromel"
 Nichrome—see Driver-Harris Co.
 Novar—see Standard Alloy Wire Co.
 Perry Wire Works, 280 New Main St., Yonkers, N. Y.
 Solar—see Gilby Wire Co.
 Standard Alloy Wire Co., 863 Sheridan Ave., Elizabeth, N. J. "Novar"
 Super-Insulated Wire Co., Plymouth, Mass.
 Tophet—see Gilby Wire Co.

WIRE, Rheostat—

see Wire, Resistance

WIRE, Rubber Covered

A-A Wire Co., 110 E. 42d St., New York, N. Y.
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 Amelectric—see American Electrical Works
 American Electrical Works Phillipsdale, R. I. "Amelectric"
 American Insulated Wire & Cable Co., 954 W. 21st St., Chicago, Ill.
 American Steel & Wire Co., 208 S. LaSalle St., Chicago, Ill.
 Anaconda Copper Mining Co., 25 Broadway, New York, N. Y.
 Ansonia Electrical Co., Ansonia, Conn.
 Aristos—see Copperweld Steel Co.
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 Bay State Insulated Wire & Cable Co., (Mattapan) Boston, Mass.
 Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill. "Beldenamel"
 Beldenamel—see Belden Mfg. Co.
 Bishop Wire & Cable Corp., 420 E. 25th St., New York, N. Y.
 Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
 Consolidated Wire & Associated Corp., 430 S. Green St., Chicago, Ill.
 Copperweld Steel Co., Rankin, Pa. "Aristos"
 ✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico" See advertisement, page 191.
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 Davis-Jones Insulated Wire Co., Pawtucket, R. I.
 Detroit Insulated Wire Co., 4561 Wesson Ave., Detroit, Mich.
 Diamond Braiding Mills, Chicago Heights, Ill.
 Dolphin—see Atlantic Insulated Wire & Cable Co.
 Eagle—see Marion Insulated Wire & Rubber Co.
 Goodyear Rubber Insulating Co.—see Graybar Electric Co.
 ✓Graybar Electric Co., New York, N. Y. (Sole Distributors for Goodyear Rubber Insulating Co., New York, N. Y. "Grico" also Whitney Blake Co., New Haven, Conn. "WB") See advertisement, page 193.
 Grico—see Graybar Electric Co.
 Hazard Mfg. Co., Wilkes-Barre, Pa.
 Illinois Wire & Cable Co., Sycamore, Ill.

Indiana Rubber & Insulated Wire Co., Jonesboro, Ind. "Paranite"

Kerite Insulated Wire & Cable Co., 30 Church St., New York, N. Y.

Marion Insulated Wire & Rubber Co., Marion, Ind. "Eagle"

Musselman, A. J., 549 Washington Blvd., Chicago, Ill.

Paranite—see Indiana Rubber & Insulated Wire Co.

Providence Insulated Wire Co., 58 Waldo St., Providence, R. I.

✓Radio-Electric Mfg. Co., 412 Clinton Ave., Newark, N.J. "AirTram" See advertisement, page 191.

Roebing's Sons Co., John A., S. Broad & Canal Sts., Trenton, N. J.

Rome Wire Co., Rome, N. Y.

Safety Insulated Wire & Cable Co., 114 Liberty St., New York, N. Y.

Standard Underground Cable Co., 17th & Pike Sts., Pittsburgh, Pa.

Triangle Conduit Co., Dry Harbor Rd. & Cooper Ave., Brooklyn, N. Y.

WB—see Graybar Electric Co.

Whitney Blake Co.—see Graybar Electric Co.

WIRE, Single Strand Copper Antenna

see also Wire, Brass and Copper

Acme Wire Co., Dixwell Ave., New Haven, Conn. "Celatsite"

AirTram—see Radio-Electric Mfg. Co.

Ajax—see Fraser Wire Co.

✓American Brass Co., 25 Broadway, New York, N. Y. "Anaconda" See advertisement, page 193.

American Insulated Wire & Cable Co., 954 W. 21st St., Chicago, Ill.

Anaconda—see American Brass Co.

Ansonia Electrical Co., Ansonia, Conn.

✓Anylite Electric Co., Fort Wayne, Ind. See advertisement, page 126.

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.

Celatsite—see Acme Wire Co.

Consolidated Wire & Associated Corp., 430 S. Green St., Chicago, Ill.

Copperweld Steel Co., Rankin, Pa.

✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico" See advertisement, page 191.

WIRE, Single Strand Copper Antenna Continued

Corwico—see Cornish Wire Co.

Fraser Wire Co., Russell, 115 Lexington Ave., Maspeth, L. I., N. Y. "Ajax"

National Metal Molding Co., Fulton Bldg., Pittsburgh, Pa.

Raco—see Ross Wire Co.

✓Radio-Electric Mfg. Co., 442 Clinton Ave., Newark, N. J. "AirTram." See advertisement, page 191.

Roebing's Sons Co., John A., S. Broad & Canal Sts., Trenton, N. J.

Rome Wire Co., Rome, N. Y.

✓Ross Wire Co., 69 Bath St., Providence, R. I. "Raco." See advertisement, page 193.

Standard Underground Cable Co., 17th & Pike Sts., Pittsburgh, Pa.

Xardell Corp., Burrstone Rd., Utica, N. Y.

WIRE SKINNERS—

see Tools, Wire Stripping

WIRE SOLDER—

see Solder, Bar

WIRE, Special Cat Whisker

✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico." See advertisement, page 191.

Corwico—see Cornish Wire Co.

WIRE, Stranded Copper Antenna

Acme Wire Co., Dixwell Ave., New Haven, Conn.

AirTram—see Radio-Electric Mfg. Co.

Ajax—see Fraser Wire Co.

✓American Brass Co., 25 Broadway, New York, N. Y. "Anaconda" See advertisement, page 193.

Anaconda—see American Brass Co.

✓Anylite Electric Co., Fort Wayne, Ind. See advertisement, page 126.

Atlantic Insulated Wire & Cable Co., Rome, N. Y.

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.

✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico" See advertisement, page 191.

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Fraser Wire Co., Russell, 115 Lexington Ave., Maspeth, L. I., N. Y. "Ajax"

✓Radio-Electric Mfg. Co., 442 Clinton Ave., Newark, N. J. "AirTram." See advertisement, page 191.

Waco Wire Co., 3605 N. Smedley St., Philadelphia, Pa.

WIRE, Stranded Enameled

For Stranded Enameled Antenna Wire—see Wire Enameled Copper Antenna

✓Anylite Electric Co., Fort Wayne, Ind. See advertisement, page 126.

Belden Mfg. Co., 2320 S. Western Ave., Chicago, Ill.

✓Cornish Wire Co., 30 Church St., New York, N. Y. "Corwico" See advertisement, page 191.

Corwico—see Cornish Wire Co.

Goldmark Co., James, 83 Warren St., New York, N. Y. (Gen. Sales Agents for New England Electrical Works, Lisbon, N. H.)

New England Electrical Works—see Goldmark Co.

Raco—see Ross Wire Co.

✓Ross Wire Co., 69 Bath St., Providence, R. I. "Raco" See advertisement, page 193.

Super-Insulated Wire Co., Plymouth, Mass.

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WIRE, Tinned Copper Antenna—

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WIRE TIPS—

see Tips, Cord

WIRE, Tubular Copper Antenna

American Display Co., Dayton, Ohio

WIRED BASE BOARDS—

see Boards, Wired Base

WIRED SUB-PANELS—

see Boards, Wired Base

WIRELESS SPARK COILS—

see Coils, Wireless Spark

WIRING ASSEMBLIES, Battery—

see Cables, Multiple Battery

WIRING CLEATS—

see Cleats, Porcelain

WIRING KNOBS—

see Knobs, Porcelain

WIRING TUBES—

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WOODEN VARIOCOUPERS—

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WOODEN VARIOMETERS—

see Variometers

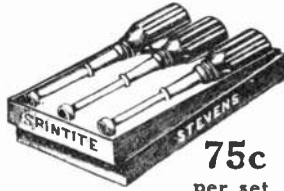
**POPULAR with SET BUILDERS
STEVENS**

Spintite
WRENCHES
and "SPEED-UP"
Tools for RADIO

Complete line, including Panel Cutters, Panel Bearer, Utility and "Oversize" Reamers, Countersink-Drill, Scribers, etc. Strictly quality tools.

SPINTITE WRENCHES spin the nuts tight as if soldered. Drop-forged in one piece. Every size

STEVENS & CO., 375 Broadway, New York



75c
per set

for Round or Hex nuts. Set T-71 — 3 popular radio Hex sizes in box, 75c. Set T-825—3 popular radio round sizes in box, 75c.

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Adams Radio Mfg. Co., 1044 W. Van Buren St., Chicago, Ill.

WRENCHES, Open End

see also Wrenches, Jack
Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric"

Key-Kase — see Niagara Metal Stamping Corp.

✓Niagara Metal Stamping Corp., Dept. R. D., 235 Tenth St., Niagara Falls, N. Y. "Premax Radiorenelch" "Key-Kase" See advertisement, page 198.

Premax Radiorenelch—see Niagara Metal Stamping Corp.

Radio-Lectric — see Bridgeport Hardware Mfg. Corp.

Radio Specialty Co., 98 Park Pl., New York, N. Y. "Rasco"

Rasco — see Radio Specialty Co.

WRENCHES, Socket

Billings & Spencer Co., Laurel & Park Sts., Hartford, Conn.

Bridgeport Hardware Mfg. Corp., Bridgeport, Conn. "Radio-Lectric"

Caufman & Clough Co., 413 E. 13th St., Wilmington, Del. "Reachit"

Goodell-Pratt Co., Wells St., Greenfield, Mass.

Mazda Radio Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio. "Muzada"

Muzada—see Mazda Radio Mfg. Co.

New Britain Machine Co., 197 Chestnut St., New Britain, Conn.

Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn. "Pexto"

Perry-Fay Co., Elyria, Ohio "Set-O-Six"

Pexto — see Peck, Stow & Wilcox Co.

Radio-Lectric — see Bridgeport Hardware Mfg. Corp.

Radiogem Corp., 66 W. Broadway, New York, N.Y. "Rageco"

Rageco—see Radiogem Corp.

Reachit — see Caufman & Clough Co.

Set-O-Six—see Perry-Fay Co.

Spintite—see Stevens & Co. ✓Stevens & Co., 375 Broadway, New York, N. Y. "Spintite." Cataloged on page 198.

ZINC COATED BATTERY CABINETS—

see Cabinets, Zinc Coated Battery

ZINCITE CRYSTALS—

see Crystals

KEY-KASE RADIO KIT

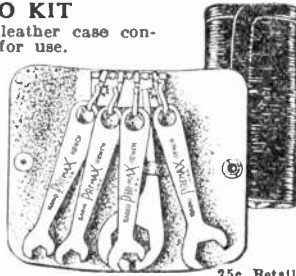
This popular wrench set in a leather case convenient for the pocket—handy for use.

The five wrenches and the handy screw-driver fit all nuts on a radio set. The case also makes a handsome pocket key holder. Try a dozen and see how fast they will move.

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**THE
PREMAX
LINE**

NIAGARA METAL STAMPING CORPORATION
Dept. RD, 235 Tenth Street, NIAGARA FALLS, N. Y.



25c. Retail

A New

{ Lock Washer and
Lug Terminal
in one

**Shakeproof
Product**



Combining the twisted tooth locking principle of Shakeproof Lock Washers with standard terminal lug. Made of Phosphor Bronze (tinned). Sizes for numbers 6, 8 and 10 screws.

WRITE FOR FREE SAMPLES

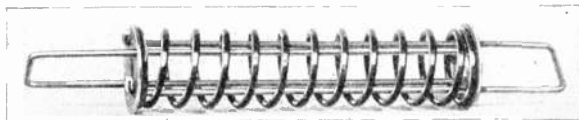
Shakeproof Lock Washer Co., Inc.

2517 North Keeler Ave., Chicago, Ill.

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Jiffy

Sky-



Hook

Antenna Insurance

The Jiffy Sky-Hook absorbs the shocks, strains and vibrations of wind, rain and sleet, and keeps your antenna up where it belongs.

Easily Installed

between insulators and support

Long Life

Made of Heavy Steel and Spring Enameled Wire

Retail Price, 50c. each



The Jiffy Ribbon Antenna



installed with a Jiffy Sky-Hook gives you reception you never dreamed possible

It Is Not Copper

It will not break, kink or corrode and does not collect Black Oxide.

It is Guaranteed.

Retail Price, \$1.50 each

Manufactured by

Apex Stamping Company

Riverdale, Ill.

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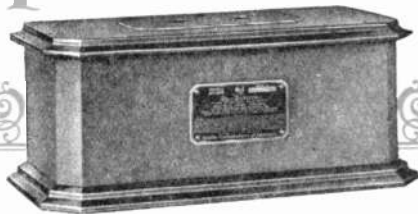
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