



Vol. 4  
No. 7

July  
1978

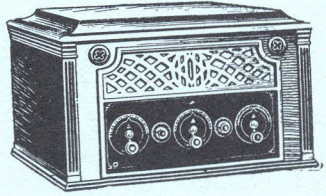
# CALL LETTER

\*\*\*\*\*

**KENNEDY**  
WL  
**Radiodyne**  
GL  
**Pfanstiehl**  
**Howard**  
**Thermiodyne**  
**GLOBE**  
**Deresnadyne**  
**ADLER-ROYAL**  
**MURDOCK**  
**MU-RAD**  
**Valley**  
**Silver-Marshall**  
**OZARKA**  
**ULTRADYNE**  
**Newport**  
**LEICH**  
**NUNN-LONDON**  
**KUSTOMBILT**

July, 8<sup>th</sup> will be "Odd-Ball" brand day. Bring some of the lesser known sets to show off at the meeting. No home-brews this time, we'll try that one by itself at a later meet. Also, No Atwater Kents, except model #5, or older.

This little feature should generate fuel for the gab-fest at the end of the meet.



## Did You Have Any Idea ?

Here are the results of a survey made by the Amer. Press assn., among the newspapers in 600 towns, under 25,000 population. The papers in turn, had the radio dealers of their towns answer the questions.

What Radio set is the best seller ?  
(rated 1st, 2nd, third, and 4th)

	1st	2nd	3rd	4th
Atwater Kent	287	133	44	18
R.C.A.	114	119	56	34
Crosley	61	90	90	40
Freshman	24	20	21	13
Kolster	20	12	13	16
Stewart Warner	10	15	13	16
Freed-Eisemann	6	19	26	17
Fada	5	22	14	18
Grebe	4	12	17	12
Day-Fan	3	12	16	14
Zenith	4	9	15	10
Federal	6	4	12	5
Bosch	2	7	14	5
King	2	8	3	2
Stromberg-Carlson	1	5	9	4
Mohawk	1	2	8	3
Sparton	3	3	00	2
Erla	2	2	6	4
Splitdorf	1	3	4	3
Magnavox	0	5	5	2
Pfanstiehl	1	4	2	3
Neutrowound	1	2	2	3
A.C. Dayton	2	1	1	1
Thorola	0	2	2	2
Bremer-Jully	1	0	2	1

---

The above was taken from Radio Retailing Magazine, for June 1927. A casual glance at the figures certainly belie the quality aspect of the various receivers. Merely reflects our national trend for mass production, versus limited local production.

I note in passing, only three of the above seem 2 to be around today



# OUR PEOPLE

The June meeting brought an exceptional turnout of horn speakers - twenty or more - and all generally in excellent condition. Praise is due those who have preserved this sometimes fragile bit of radio nostalgia. Thanks to all who participated.

Our club (as well as other groups that meet in the Club House) thank Chuck Kibler for replacing the stove pipe, which was rusting out and fast becoming a hazard.

Bob Campbell reports two super "finds" in the past month. One is a 1933 Philco Cathedral Model 60, with short wave that actually works. The other, a 1931 Crosley Grandfather Clock Model 124-1. The Philco he found at a flea market and the Crosley at a barn sale. Both in very good condition, requiring only a little clean-up and tune up.

Jim Mason has completed a new and spacious display room for his extensive collection. A tip of the hat to Jim for his efforts in a hobby we all share.

Don Iverson's offer to swap an old radio for tubes or crystal set to add to his excellent collection has produced no results so far. This is a golden opportunity for someone out there in "Radio Land". (See Swap Shop).

Again, a reminder of the upcoming contest for new construction, restoration, uniqueness, etc. Judging in September. This is a good summertime project. Don't be bashful - anything you produce or restore will be interesting.

Hope we can continue the displays each meeting, as we have the last two. They are interesting and informative.

See you at the next meeting, July 8th.



# ATMOSPHERICA

By J

Mutation

I had this Vulcan Special--  
A radio highly prized--  
I set it near the rubber plant  
And the foliage Vulcanized!

\*\* \*\* \*

## Question of Time

Where are the Bilkies,  
Or Phanstiehls of yesteryear?  
The Laurels or the Chelseas,  
Some folks held so dear?

The Insulines and Sentinels,  
The Jesse French, Deluxe,  
The Amscos and Distantones,  
And the Murads? Gadzooks!

Do you wonder if the Sonys,  
Hitachis, or Sanyo,  
Will ever stir the memories,  
As those names of long ago?

\*\* \*\* \*

## Remember When----

your wife said the batteries are  
dead, and it meant a trip to  
the store?



# POWER SUPPLY

*By Virginia Ranken*

We had a mini strawberry festival at our last Buena Vista Club meeting, with berries hand picked by Dorothy James (Tom helped too) and Bobbi Kibler providing the cake. Oh, the calories and it was worth every one.

We also has a mini crisis when we arrived for our meeting at the club house to find NO tables. Fortunately we were able to find a couple of saw horses and set up a table top.

We kept Lorena Leete busy answering our questions about Australia. It was most interesting to hear about the scenery, the differences in weather, housing and driving customs.

Our next meeting will be September 19th, at 1 O'Clock with a pot luck picnic to be held in the park. If it rains, it will be moved into the club house.

Picnics and potato salad go together and we found this recipe in "Aunt Sammy's Radio Recipes". If the hens aren't laying or you forgot to get eggs at the store, its okay, for this recipe does not call for eggs.

- 4 medium sized potatoes
- 1 cup finely cut celery
- 1½ teaspoons salt
- 1 teaspoon grated onion (or more)
- ¼ cup chopped pickle
- 1 cup salad dressing

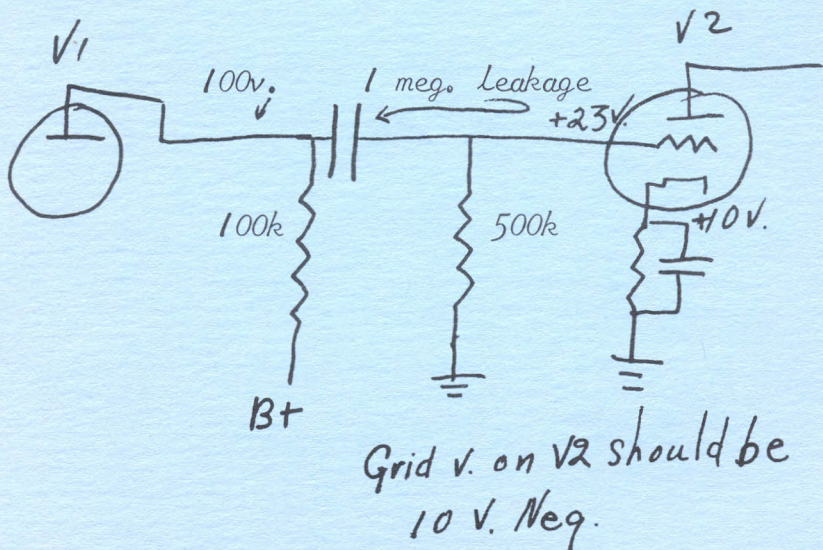
Cook the potatoes in their jackets in boiling salted water. As soon as the potatoes are tender, but not soft, drain them and remove the skins. When they are cold, cut the potatoes in small uniform cubes. Add the celery, onion, pickle, salt and salad dressing. Mix together lightly to avoid breaking the potatoes and making them mushy. Chill thoroughly and serve.



## Service Tip--- For You Collectors

Most members who do a modicum of service on their radio circuits, are familiar with sour filters and shorted by-pass condensers. But are at a loss when other areas of circuitry are at fault. Coupling capacitors, grid circuit components, improper bias on tubes, and many other somewhat obscure problems. Firstly, one should have a vacuum-tube volt-ohmmeter, (or one of the newer transistor types) which have an input resistance in the order of megohms, so that the circuits under test are not unduly loaded by your test probes. In the matter of old capacitors (either used or unused), a resistance check is very important. Many of my old, unused caps have a resistance as low as a few hundred ohms, due, no doubt to presence of moisture even tho some are bakelite impregnated types. The older paraffin dipped types are almost all useless in critical circuits.

Below is a case in point, where the leakage of a coupling cap causes the bias on the following tube to go positive, with attendant extremely high current and obvious distortion.





# LETTERS

More about the Northwest Radio and Manufacturing Co. of Portland, Oregon.

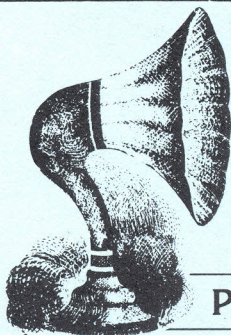
Charley Auster, one of Portland's earliest Hams, started his plant to manufacture broadcast receivers in 1919, according to Harold Clark, an eighty year old former member of the N.W.V.R.S. Harold tells me that he and Charley were good friends, and that he often visited with him in his shops in the Mt. Tabor district, at about 50th and Belmont. He states he last saw him in the mid 1920's. Mr. Auster made quality radios, and was noted for his skills and know-how in the trade.

Chuck Kibler is fortunate to have found one of these receivers recently and also has the speaker to make the collectors item complete. Mr. Clark says that it is his opinion that Chuck's radio was made approximately in 1923.

Mr. Auster, and several of his staff at the plant were all early pioneers in radio. Included were Jack Julian, and W.J. Hawley of the Oregon City Paper Mill. Speakers were included with the early sets too, but Mr. Clark isn't sure if they manufactured them or not. Mr. Auster made early broadcast news as he installed a transmitter on the top of Mount Hood, and was clearly heard in Portland and other Willamette valley towns. Mr. Clark was not clear if it was radio-telephone or telegraph, however the Forestry dept. made some use of the rig in their work. He further states that the plant made about a hundred of the sets like one our member has, as well as some for Broadcast use, and some Ham gear. The operation shut down in the mid-thirties.

From a letter by Joe Tompkins down Salem way.





# For Sale

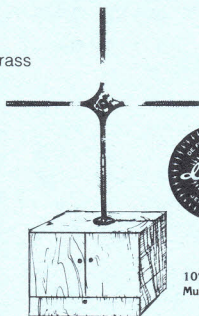
PAUL W. DIES, ETC.  
BY G. STREETER  
© 1922

## PROFESSIONAL REPRODUCTIONS

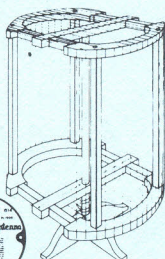
### DeForest LOOP ANTENNA

Beautifully prefinished and assembled with over 100 machined brass fittings and Bakelite parts, with a DeForest decal. Fits all D-7, 7A, 10, 12, and 17 sets. DeForest wire included.

**\$67.50** postpaid



10% to AWA Museum fund.



### RADIOLA LOOP ANTENNA AG-814

Precut Mahogany frame with an etched brass name plate and 1924 instruction card. This loop is a great addition to any collection and fun to assemble. Includes radiola type wire.

**\$43.50** postpaid

10% to AWA Museum fund.



#### Radiola Grand Speaker Grills

Unfinished Mahogany is precision cut to the 1922 pattern. Needs only staining to complete your rare and unusual radio.

**PRICE \$15.50**  
postpaid

#### Radiola Antenna Wire

Multi strand copper wire with a brown braided Celulon cover just like the original 500' roll —

**PRICE \$35.00**  
postpaid  
Smaller Lengths — 9¢ ft.

#### Radiola V & VI Wooden Tops

Always missing, this solid Maple reproduction is the crowning compliment to another uncommon set. Unfinished.

**PRICE \$19.50**  
postpaid

**"NEW"**

#### DeForest Type Green Wrapped Litz Wire Avail.

100' Roll

**PRICE \$10.00**  
postpaid

SATISFACTION GUARANTEED ON ALL ITEMS OR RETURNED FOR FULL REFUND.

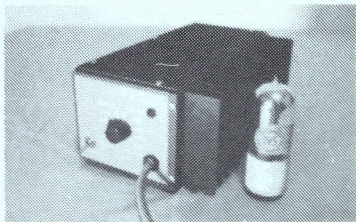
**GLENN S. STREETER** 4133 VIA NIVEL, PALOS VERDES ESTATES, CA 90274 - (213) 375-5522





For Sale

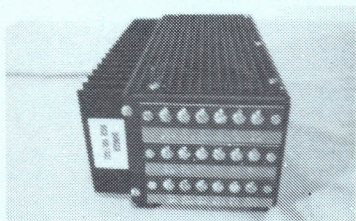
## H-10 POWER SUPPLY



Now! For the first time a premium quality power supply. The H-10 power supply is made of specially designed and the highest quality components (not surplus or used parts).

And it's not being assembled in someone's garage. The H-10 has been contracted by a top-rate manufacturer who builds power supplies primarily for the laser industry. Thus it is fully warranted for a full year.

And no other power supply offers as many regulated outputs.



The Model H-10 is a premium quality regulated power supply designed to power over 99% of all battery radios. The Model H-10 was developed primarily for the radio collector but is capable of operating virtually all battery sets manufactured between 1920 and the end of the vacuum tube era around 1960.

The Model H-10 contains three independent, electrically isolated, regulated power supplies. The "A" supply provides 12 switched outputs between 1.1 and 9V. The "B" supply can deliver up to 6 *simultaneous* regulated outputs. The "C" supply can deliver up to 8 *simultaneous* outputs. All outputs feature electronic short circuit protection.

### TYPICAL SPECIFICATIONS

<b>Input</b>	117V AC. 50-60Hz. 80W maximum.
<b>Volts</b>	1.1, 1.5, 2.0, 2.5, 3.3, 3.4, 5, 5.6, 7.5, 8, 9
<b>"A" Output</b>	Single output switch selected, short circuit protected, ripple less than five millivolts RMS @ 5V and 5A, regulation 0 to full load 0.2% @ 5V, voltage tolerance 5%, overload protection. Using the 1.1V, 3.3V and 5.0V output, allow operation of appropriate tubes with no danger of burn-out from improper filament rheostat adjustment.
<b>"B" Output</b>	22.5V, 45V, 67.5V, 90V, 135V and 180V may be used in any combination with a maximum total output of 50mA. Ripple is less than five millivolts RMS @ 22.5V and 50mA to less than 25mV RMS @ 180V and 50mA, voltage tolerance 5%, voltage regulation 0.50mA 2.5%, fold-back current limiting.
<b>"C" Output</b>	1.5, 3.0, 4.5, 9, 10.5, 13.5, 16.5 and 22.5V, 50mA @ 22.5V, ripple less than five millivolts, voltage tolerance 5%, regulation 0.1% at 22.5V. All other voltage obtained by a 25mA resistive voltage divider. Overload protected.
<b>Controls</b>	Power switch, A voltage selector switch, LED pilot light.
<b>Line Cord</b>	Three-wire, 6 ft., heavy duty.
<b>Size</b>	3 1/4" H x 5 1/4" W x 9 1/2" L (includes controls)
<b>Weight</b>	5 lbs. 14 oz.
<b>Limited Warranty</b>	Warranty is limited to repair or replace, at our option, of any defect in materials or workmanship for a period of one year. Warranty does not cover shipping costs.
<b>Ordering Information</b>	Include check or money order for \$149.95 to Glenn S. Stretcher, 4133 Via Nivea, Palos Verdes Estates, CA 90274. We will pay shipping by UPS.



Supplement to the June '78 Call Letter  
Vol 4 No. 6

Grid Leak Use So Little Understood

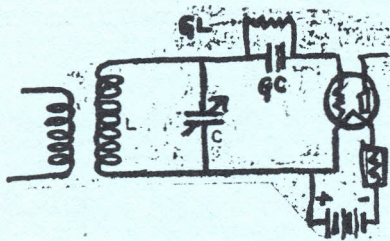


Fig 1

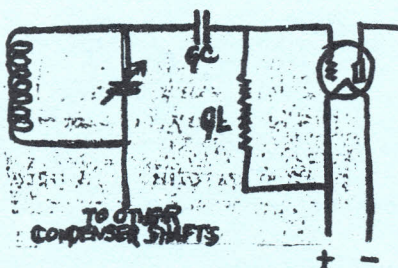


Fig 2

## CALL LETTER

The Call Letter is a monthly publication of the Northwest Vintage Radio Society which meets the second Saturday of each month at the Buena Vista Club House, Sixteenth and Jackson Streets, Oregon City, Oregon.

Editor pro tem.....Tom James  
Staff....V. Ranken, H Ranken, and others.

P.O. Box 02379, Portland, Or. 97202



**A** PIANO dealer was summoned under the Bankruptcy Amendment Act for not keeping proper books in connection with his business. When pressed at his public examination as to why he did not keep a cash book, defendant stated that "he could not really say why they did not; they banked the money and that was all." The court contended that, as the public had to be protected against people who traded in this reckless manner, he should go to prison for a lengthy period, but it was decided to only fine him 25 pounds of three months imprisonment.

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**I**T is the custom among gramophone dealers to hold recitals for their customers, at which the popular records are played and new instruments introduced. These recitals take the form of more or less social events. Programs, special decorations and home talent entertainment are furnished. The proceeds go toward various causes—welfare societies, church benefits, and last, but by no means least—to the Music Trades' Benevolent Society!

In this connection it is interesting to note that factories and large musical organizations have collecting boxes, wherein may be placed contributions which go to the old age and infirmity fund for members of the trade.

Pavilions and halls are often hired by dealers, who stage gramophone concerts and public recitals. These concerts extend to schools, churches, institutes and other public places.

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**O**NE Leicester firm organized a band contest a few years ago as an advertising effort, which grew into an event in which bands from most of the midland cities participate every year. The firm gives a silver cup to the winning contestant.

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**C**OMPETITION in some of these British towns is by no means dull; one music house advertised the following offer: "A player piano for 3 pounds deposit, with full allowance on the purchaser's existing instrument; a box stool to hold 24 rolls, free; two guineas' worth of music rolls of the customer's own choice, free; free demonstration in the home after delivery; twelve months tuning, free; ten years' full guarantee."



Phony Bolony by F. Plaisted jr.

Items not necessarily related to radio -----  
No more feeble attempts. This month we get down to the nitty-gritty. Had an idle thought today; maybe you folks can help me. Since, according to the feminist movement, I must term a chairman as a chairperson and a spokesman as a spokesperson, do I now term a woman as a woperson ??  
How far does one go? What about fisherman, iceman, bagman, etc.? Then there's Manitoba, Manifest, and Tremendous---!

At this point the censor intervened and substituted the following Limerick---

Frank, of the Hallicraftorium,  
Has one kind of set to adonium!  
    (Could be, (as above))  
    He might change his love  
To the Freshperson Masterpieceorium!

Sorry Frank, had to keep it in the main stream.  
Ed.

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Our Lucy Wyre says that Radio is still in it's infancy----You can tell by the noise it makes!

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One of our earliest tube collectors. Started with Crookes tubes and worked up, a bulb at a time. Always shudders when you mention "valve Grind."





# EDITORIAL COMMENT

Well here we are breaking-in another editor when we hardly got the kinks out of the old one! As a matter of fact we are breaking-in several new ones. I am a bit new at this format Bob Hay set up for us on the last dozen News Letters, or so, but will endeavor to crowd something into these editor pro-tem issues, with the aid of the team of Ranken, Ranken, Tompkins, Gonshorowski and others.

This is as good a time as any to laud the fine efforts of Bob, and his aides (whenever he had access to their help), in a a job, not at all thankless, as some suppose, but one which entails a lot of petty details as well as quite a few hours of otherwise leisure time. Gets to a fellow (or gal) after a few go-rounds.

How about you members out there in the hinterland, who we have so little contact with, during the year, we would appreciate a word from you, pro or con, about the conduct of your club as well as ours. Tell us a bit about your collection, your frustrations--- your good fortunes--- your ideas on a good News Letter---- Tell us how you got started in this fascinating hobby of ours. Are you a specialist, i. e. do you concentrate on one make of radio, one type, accessories, tubes, bus-bar or what? In our local membership I can think of specialist collectors in A.K.s, R.C.A.s, Cathedrals, Home-brew types, tubes, Automobile types and speakers. Send us an item of interest for the next Call Letter.

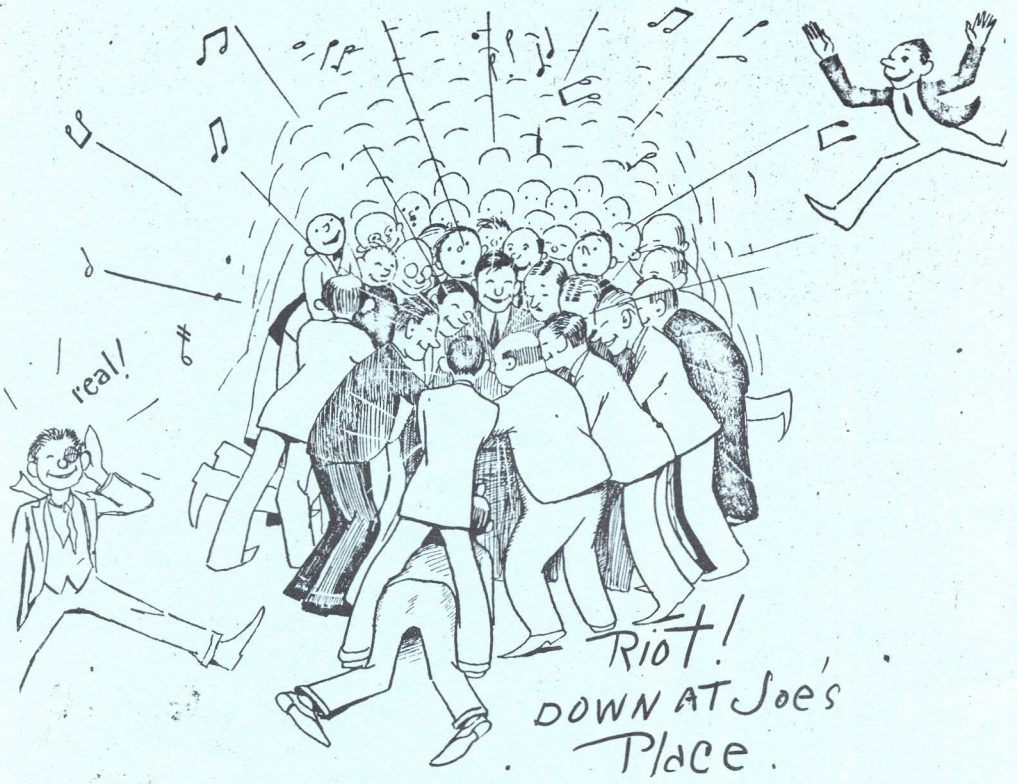
Don't forget to use our Swap-Shop section as often as you wish. We certainly don't guarantee any immediate results, but we've had calls about something published six months ago.

I guess that winds up all things I've got to say for this time, see you next month.

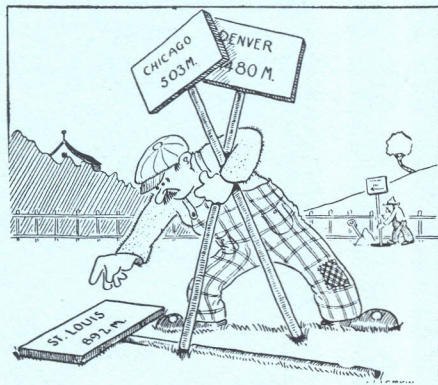
Happy haunting, Tom



# CARTOON CLIPPINGS



PICKING UP DISTANCE





# RADIO STATIC

By Glenn Gonshorowski

Match these popular brands to their other half.:

All American	Roebuck
Tom	Carlson
Wells	Bell
Sears	Gardner
Setchell	Mohawk
Jackson	Thumb

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Answers to the June Puzzle.

- 5U4----- Full wave Rectifier  
01A----- Triode Detector-Ampl.  
1R5----- Pentagrid Converter  
42-----Power Ampl. Pentode  
35Z5-----Half Wave Rectifier  
6AB5-----Tuning Indicator

GG/78

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Speaking of Static, did you know that the gullible public was bilked out of thousands of dollars in hard cash, during the early days of radio, on many worthless anti-static devices to hook onto the radio sets of the day?



# SWAP SHOP

Wanted: Collins 5174 instruction manual  
and/or information on same.  
John McConnell  
5895 Perrin St. West Linn, or.  
655-2212 97068

Wanted: Model 40 A.K. power unit.  
Any good reproducer for a horn.  
Need a Maravox reproducer.  
Need 2 A.K. audio xformers, small size.  
also--

For Sale:  
Almost any tube you may need, no WD 11s.  
All kinds of A.K. parts incl. early.  
15 famous name consoles --all work and  
are attractive. Trade or cash.  
New Vernier dials, in boxes yet!  
Enco Signal tracer. OK  
Knight Capacitor checker OK  
Hundreds of factory made tuning belts.  
Several power Speakers.

Always reasonable prices, ask Campbell (?)  
Joe Tompkins  
3796 Hulsey, S.E.  
Salem, Or., 97302  
ph. 362-8071

Wanted: Will trade old A.C. or Battery sets for  
old crystal sets or old vintage tubes.  
Don Iverson  
10115 N.W. St. Helens Rd.  
Portland, Or., 97231  
Ph. 503-286-1144

Wanted: A few hundred feet of double silk  
covered wire, # 24 to # 28  
Tom James  
5024 S.E. Clay, St.  
Portland, Or., 97215  
Ph. 503-235-0581