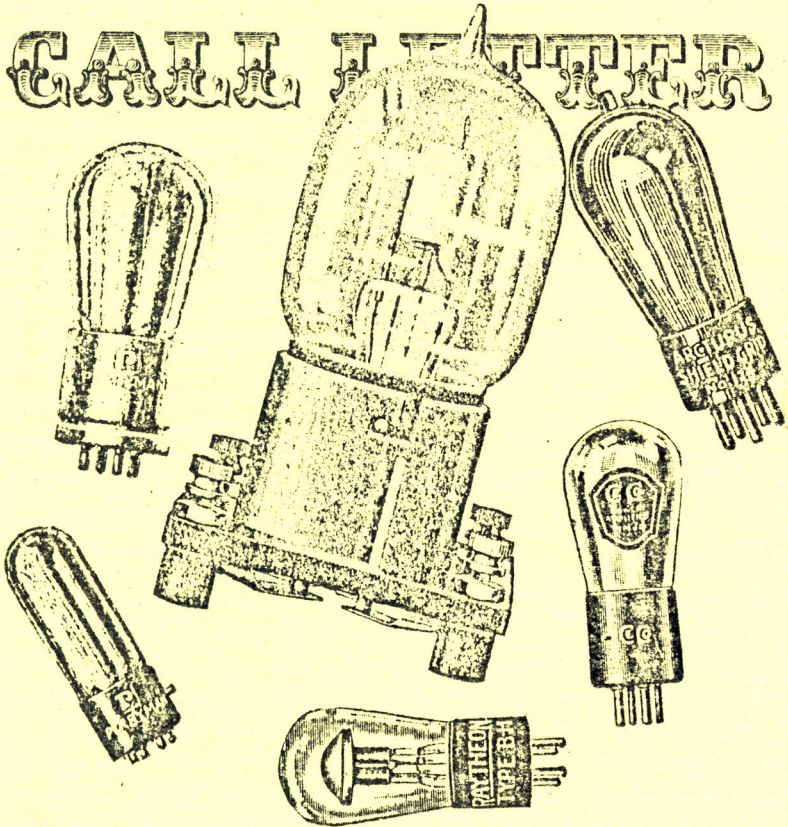


Vol. 5
No. 8



Aug.
1979

CALL IT TUBER



This is the picnic month as you will note inside, also this is the meeting at which the dear old vacuum tube is to be featured at our display tables for the "rap" session. There'll be food for thought and the inner man as well! Hey! Why don't you bring a guest or two?

From off the cuff.....

Additional information is at hand in regard to our purchase of the jackets and tee-shirts with our logo. At our next meeting, we should finalize the deal, one way or another. We need a few more orders to get the Min. order price and we need a bit more clarification on a point or two. Don't forget to bring it up under old business at the August meet.

I need some photo-copy work done on a few items that are getting a bit frayed after two years and two editors. I'd like my replacement to have fresh art work to use when he takes over later this year, also we have some new ideas up-coming which may take a bit of photo expertise. If you know of anyone who could do a bit, or better someone in the club who will volunteer to give it a whirl, get with me or Bill DeVey at the next meet for a discussion of the problems.

So much for now... see you at the picnic,

Your ed. J. James

CALL LETTER

The Call Letter is a monthly publication of the Northwest Vintage Radio Society, a non-profit organization incorporated in the State of Oregon. Meetings of the Society are held on the second Saturday of each month, normally, at the Buena Vista clubhouse located at 16th and Jackson Streets, Oregon City, Oregon, At 10 o'clock A.M.

Editor-in-Chief..... Tom James
Feature articles by members are indicated under various headings.

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Call Letter address: P.O. box # 02379 Portland, Or., 97202. Phone 235-0581 .

OUR PEOPLE

By Hugh Ranken

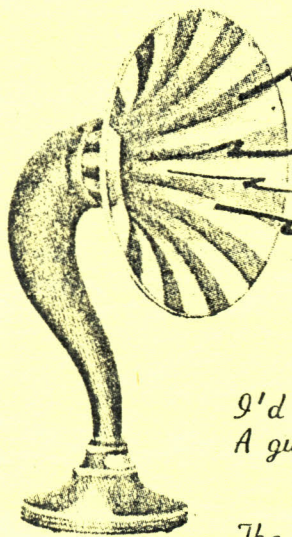
Summertime is picnic time and that's what we are going to have after our next meeting on August 11th. Read all the details in the Power Supply Column.

Rare and unusual speakers were the featured display at the meeting of July 14th. Jim Mason showed a Town Crier made by Gale Radio Laboratories and a Tower Cone speaker with an interesting castle motif on the front. Joe Tompkins brought a Celeston, an early English speaker ... says it works OK. He also displayed a Scott drum speaker used with early Scott table models and a Newcomb-Hawley drum type. Tom James had a Bush & Lane Cecilian hooked up and playing - it sounded fine. Bush & Lane was a well known piano distributor of the time. I'm guessing that maybe this was made up under their label by some equipment manufacturer. Most musical instrument dealers of the time were anxious to get a slice of the new fad called "Radio". Glen Bricker brought a STARK ELECTROFIDE, a huge wall mounted speaker with fake organ pipes. At one time this was used in a mortuary, in Cottage Grove.

It seems most everyone is in favor of participating in a display of old radios at OMSI, October 6th to 14th. The last OMSI show was outstanding. Start planning now so this one will be as good or better.

Frank Plaisted recently acquired an antique locomotive with 6 transistors and speaker in the cab. Seems Frank was a model railroader before he got interested in radios, so he couldn't resist the chance to sort of combine the two.

August 11th meeting will feature old tubes, so bring out your rarities, all you tube collectors.



ATMOSPHERICA

By J

Oh Piffle!

I'd like my weak tubes rejuvenated,
A guy in our club lately stated,
But most would'nt rejuve;
Which just goes to prove
The method was much over-rated!

** ** * ** * ** * ** * **

A Different Bag

My grandson says my vintage tubes
Are just the "Pits" of the past;
What earthly good could they be---
Those hundreds of tubes I've amassed?

I doubt in the year 2020,
My grandson will view with affection,
His marvelous box of nostalgia,
His vintage transistor collection!

** ** * ** * ** * ** * **

Dear Barney:

..... what is your opinion of push-pull
coupling?

yours,
Lucy Wyre

Dear Lucy:

..... it's a kind of trailer hitch,
but I don't think that the bumper on your Chevy
will be strong enough....

In haste,
Barney Schmill

POWER SUPPLY

by Virginia Ranken

PICNIC TIME! It was decided at the July meeting to have our annual picnic after the August meeting at the club house. This will be Saturday, August 11th.

The picnic is pot luck, everyone bring a contribution of food (a casserole or meat or salad or cake or pie, etc.) and we will put it out buffet style and have a eating good time. You bachelors could bring olives or pickles or potato chips. The Ladies Aux. will provide hot coffee and cold punch, the same as last year. Paper plates and napkins will also be furnished. Bring your own silverware but if you forget, we have some plastic ones you can use.

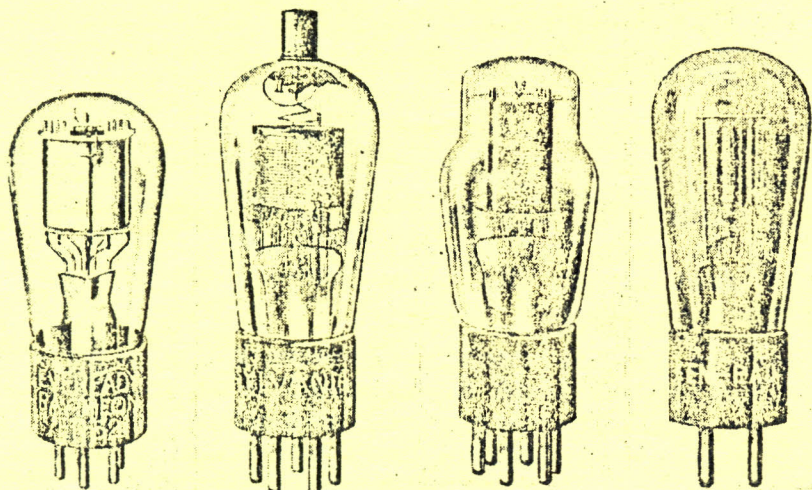
And fellows -- if your wife doesn't come to the meetings, bring her along so we an get acquainted, the kids too!

What is a BANGOR BROWNIE??? Read on and see.
(Recipe from a 1927 cook book)

BANGOR BROWNIES

½ cup butter or substitute	2 eggs
1 cup granulated sugar	½ cup sifted flour
2 squares shaved chocolate	½ cup chopped walnuts
	Tiny pinch salt

Melt chocolate over boiling water. Cream it with butter and sugar. Add the well beaten egg yolks, then the flour, salt and nuts, finally the well beaten egg whites. Drop by spoonfuls on buttered cookie sheet, leaving an inch between and bake in moderate oven. (They don't explain the interesting name).



52

Fil. voltage, 6.3; fil. current, .3-A.; plate voltage, 180; plate current, 42 ma.; grid bias, zero.

19

Filament voltage, 2; filament current, .26-A.; plate voltage, 135; plate current, 10 ma.

15

Heater voltage, 2; heater current, .2-A.; plate voltage, 135; S.G. voltage, 67.5; grid bias, 1.5.

KR-1

Heater voltage, 6.3; heater current, .3-A.; max. A.C. volts, 350; D.C. output current, 50 ma.

WHAT THESE NEW TUBES ARE FOR

The 52—a filament type output tube which may be used in automobile or D.C. power—operated receivers by merely changing the socket connections.

The 15—a 2-volt, heater type R.F. pentode. This is the first time a heater has been incorporated in the 2-volt line of tubes for producing constant emission with wide battery-voltage fluctuations.

The 19—An ingenious new tube which, by virtue of its double construction, is really two class B amplifier tubes in one. It is no longer necessary to use two tubes to secure class B operation—the single 19 is sufficient.

The KR-1—A new mercury-vapor rectifier especially designed for automotive use. It has a high breakdown voltage and is economical in operation.

RADIO TUBES REFILLED

UV200, C300, UV201A, C301A, UV199, C299

\$1.50

if the filament lights but the tube does not work then the charge is only 75c.

REMEMBER

We do all kinds of set repairing and rebuilding. All work fully guaranteed.

QUALITY RADIO SHOP

86 FOURTH STREET, Near Mission, SAN FRANCISCO, CALIF.

Open Evenings

Phone Garfield 1076

Ad From 1925 "Radiocast"

All you advocates of rejuvenation of filamentary type radio tubes have heard, about 25% of those old tubes will come back to life pretty well; however don't expect miracles. Use only tubes that are about gone emission-wise, because some of them obviously will be ruined and become "socket fillers" only.

In the good old days of the twenties, we did resort to such measures because of the cost of new tubes and the shortage of the dollar to spend. In those days even the best brands of tubes sometimes gave out before their time with the best of care, and since the best of care was rare because of pure ignorance of the majority of set owners on care and proper operation of vacuum tubes. Now that the old tubes are rare and not too cheap, one can get some satisfaction out of giving those old OI-As a new lease on life to make that old Grebe or whatever, really work. There are several methods of rejuvenating the tubes, the best of which is no doubt the use of a commercial rejuvenator which has all the instructions with it. Don't try it if you don't know all the correct voltages and times at hand! ed.

N.W.V.R.S. "Wouldn't two of your Aerial telegraphic stations interfere with one another?"

Loomis: "I only propose to establish one line first, demonstrating that communication can be made between our Western coast and the Eastern coast of China or Japan without cable or battery. After that it will be in order as to the question of a rival line, or the practical interference of one with the other."

"I have spend a great deal of time, labor, and money upon deveolping the system, and have brought it to such a degree of perfection as to demonstrate it to be a simple scientific fact, by repeated experiments on comparatively long and short distances, but with perfect success. It will, of course, be the means of cheapening communications to such an extent as to make it less expensive to telegraph what we want to communicate over one half the circumference of the globe than to send a letter."

N.W.V.R.S. "What phenomena have you observed in the present system to support your theory?"

Loomis: " Many instances are recorded of telegraphic communications having been made between distant points by the inductive power of atmospheric electricity pending a thunder-storm, or during the appearance of the northren lights."

"These have been made without the artificial battery forces and totally disconnected from the ground circuit. William Steward's speech was once sent by the force of the celestial battery alone. On Sept. 2, 1859, communications were sent over the wire between South Braintree and Fall River stations in Massachussetts, a distance of 40 miles, with the aid of the atmospheric battery alone. This was during the northren lights. De la Rive says the northren lights are due to the electrical discharges taking place in the

polar regions between the positive electricity of the atmosphere and the negative electricity of the earth, frequently possesses a strength of current of 200 Grove cups.

"This is the inadvertent, the accidental, reunion of the two electricities, and by the establishment of suitable artificial conductors the unequal and intermittant action can be regulated and made subservient to varied uses."

N.W.V.R.S. "Would not this phenomenon tend to prove that the Aerial system would only work, or be effective during the appearance of the northern lights, or during a thunder-storm?"

Loomis: "The aurora or northern lights or a meteor like a thunder storm are only local and circumscribed in their effect and duration, but by attained greater altitude, that is, above the generality of thunder clouds, (above the cirrus) this electrical force or stratum, the bulk and body of all these phenomena, we find a never - failing and undiminished supply, only awaiting to be turned into channels of usefulness."

N.W.V.R.S. "Have you ever made experiments to corroborate the truth of your system?"

Loomis: "Aside from the casual occurrences that have taken place corroborating my system, I have sent up kites from mtn. summits, and telegraphed by my imperfect experiments for a distance of 15 miles in the most satisfactory manner."

N.W.V.R.S. "Where was this done and how high was the elevation?"

Loomis: "This was done during the summer of 1872 on the spurs of the Blue Ridge Mtns. of Virginia at a mountain elevation of 1300 feet with kites let up with a small copper wire 500 feet in length. The signals were perfect as indicated with a galvanometer at the two stations when the connection was made to the earth completing the circuit."

Loomis Interview Question 6.

N.W.V.R.S. "Doctor, there have been articles in several newspapers on your 'Aerial Telegraph'. Have you gained the attention of any of our scientists who have addressed you on this subject?"

Loomis: "I have had letters of inquiry from nearly all nations- at least from China, France, England, and Germany. Professors from institutions and colleges have called upon me, to whom I have explained my system and I must say they have invariably expressed both their approbation and admiration of its sound principles and simplicity."

"It is certainly among the coming things of science that it is to be practically established- that we are to communicate from continent to continent without the intervention of a wire or cable, as the natural elements, if properly made use of, to form the requisite conditions. Common sense and intuitive preception declare it to be right. Scientific facts and all the elements of earth and air array themselves in its defense; for its founded on the solid masonry of the universe."

THE END

#####

*Loomis Interview
Supplied by Art Palman.*

From the Oregon Historical Society:
Oregon's first commerical radio telegraph station was located in Astoria. Alfred Ferland was the first operator in charge when the station went on the air in 1907.

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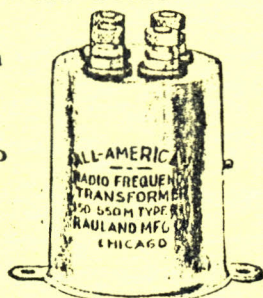
Your editor has always felt that Dr. Loomis was sort of a "prophet without portfolio", but that he contributed little in the way of paving a new pathway toward communication as we know it.

Here's a popular item for set
builders circa 1924.

Confidence

These leading manufac-
turers of quality radio sets:

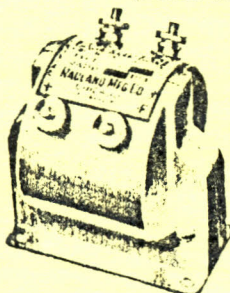
Cutting & Washington
Jones Radio
Cleartone
Zenith (Chicago Radio
Laboratory)
Midwest Radio Co.
Audiola Radio Co.
Illinois Radio Eng. Co.



and others — use

Radio Frequency Transformer
R-10 (150-550 meters) \$4.50

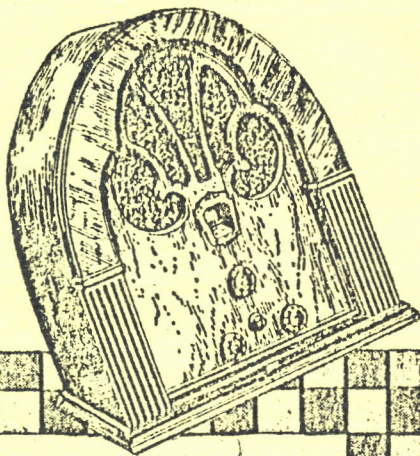
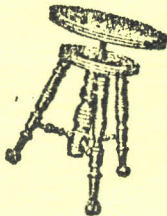
“ALL-AMERICAN” Amplifying Transformers (Radio and Audio Frequency)



Audio Frequency Transformer
R-12 (Ratio 3 to 1) \$4.50
R-21 (Ratio 5 to 1) 4.75
R-13 (Ratio 10 to 1) 4.75

as standard equipment in their sets. This is reason enough why any man building his own set should use “All-American” Transformers. The sales of these manufacturers depend on the efficiency of their apparatus. The confidence they place in “All-American” Transformers to function properly under all conditions is proof of the quality of these instruments. Buy them—use them—and you, too, will endorse them. Every live radio dealer carries them. To help you get the best results from your radio set we offer **FREE** a book of twenty-five tested hook-ups. Send 2c stamp for postage.

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200 No. Jefferson St., Chicago, Ill.



**WANTED ANYTHING MADE BEFORE 1940,
CASH PAID, ANY AMOUNT
WE PICK UP ANYTIME, ANYPLACE
QUALIFIED APPRAISALS**

Furniture	Comics	Glassware	Clocks
Rugs	Dolls	Post Cards	Trunks
Pictures	Jewelry	Toys	Trains
Radios	Pocket Watches		Coins

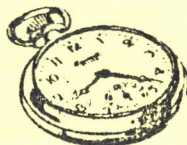
MIKE'S GOLD ANVIL ANTIQUES

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CALL COLLECT - 771-1066

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Mike Losli
Res. 645-1254

Mercantile Clerk
Bob Davis
Res. 775-9908

1914 1000 1904
1928 1908 1937
1903 1933 1902 1934 1906 1917 1911
1929 1936



Ole!

The past couple of months have been very lucrative according to our new brag column, but the real reason is merely that we have published our finds (at least a few of them) in our Letter. Everyone seems to be in favor of the section. My only hope is that we don't have a "bear by the tail" and can't find room for all the goodies!

Last month, your ed. got two large packing boxes of tubes, dating from 1926 to 1950, for the tidy sum of two dollars (\$2.00). I'll have to give the J.V. types (about a third) to some youngster collecting tube tv's

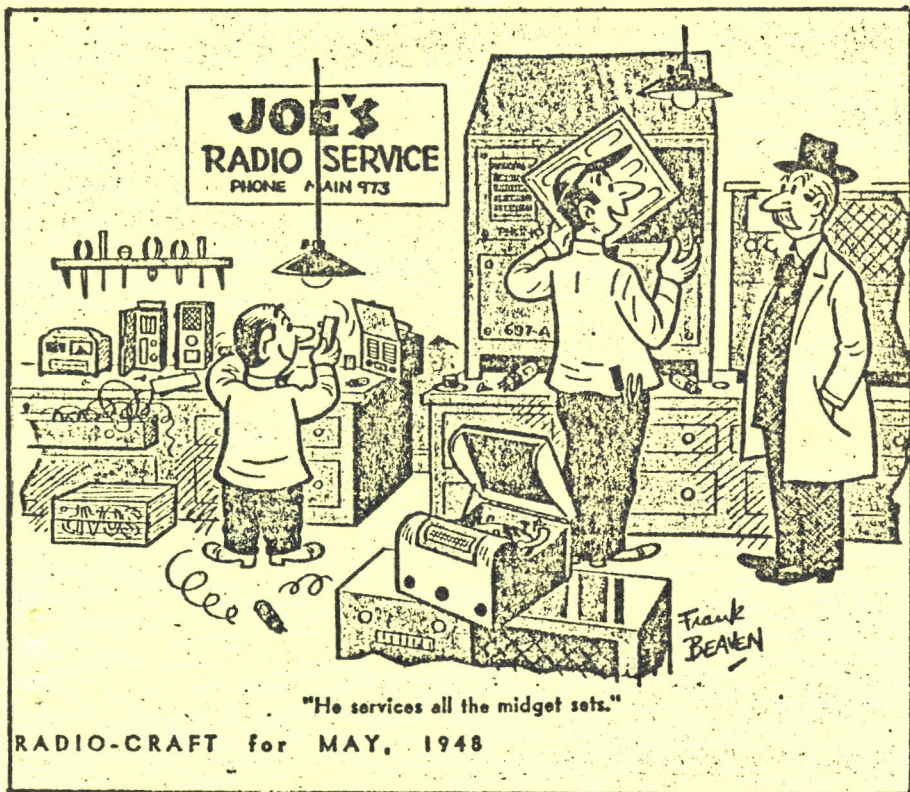
As of the first week of July, energetic member, Don Iverson reports the following: 1. a Besttone crystal set. 2. Philmore crystal set in orig. box. 3. an unknown crystal set made in Portland on Hawthorne Blvd. 4. a miniature spkr. probably a salesman's sample. 5. horn Spkr. 6. horn only, for a Dictogrand spkr. 7. Thorola spkr. (cone), very bad cond., should be a good match for the Radiola 20 garnered last month. 8. very odd 2-tube ac/dc set, uses one 12A7, and one 6J7 tubes. no name apparent. 9. 2 new 01-A's. Don says he hopes things will pick up during the rest of the month!

Harley Perkins got an almost complete Remler kit last week of June, too late for last issue. This set is a great item for the collector as it is one of the early superheterodynes not made by RCA. It has a Daven resistance-coupled audio system and a 240 tube; does anyone have another 240 to complete his find?

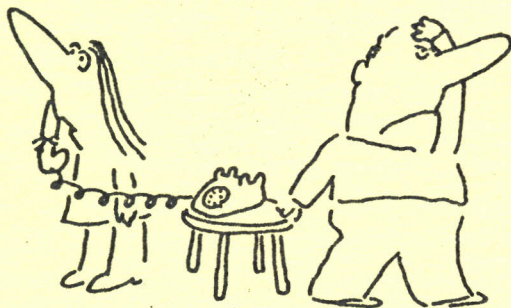
Bob Campbell got his mitts on an R & L # 278, circa 1931. It is a short wave, band spread three-circuit regenerative circuit, using a couple of 36s and a 38.

I'd like to remind you collectors to keep your eyes open for parts, especially those from the twenties, and kits or portions thereof. I hope some of us set building types can come up with plenty of old gear to make some of the fun circuits of the period.

CARTOON CLIPPINGS



"Emily, I know
this sounds silly,
but you can't
remember the
theme song of
'Let's Pretend,'
can you?"

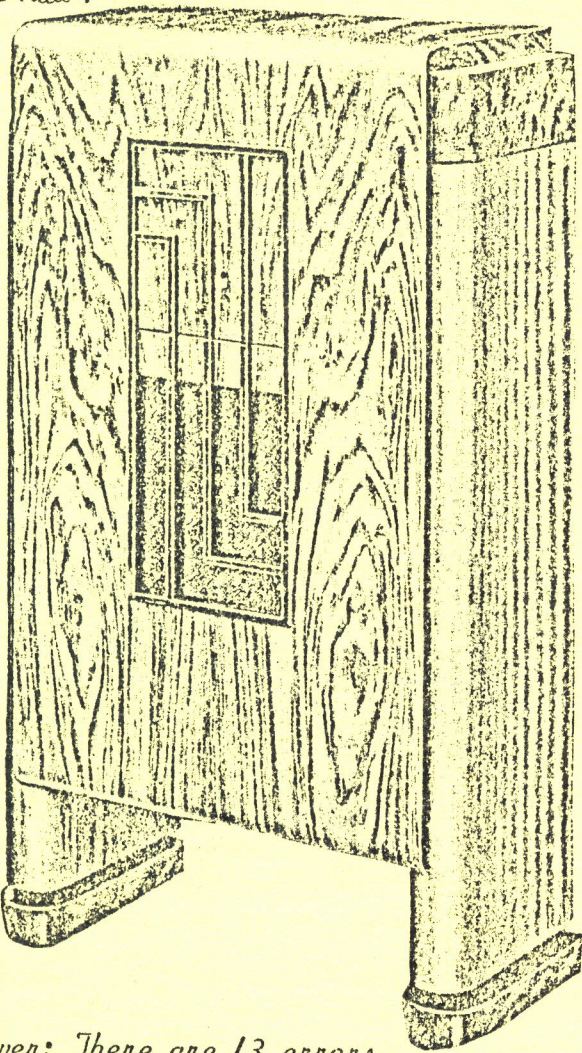


Sat. Eve. Post

the IQ trimmer

by the Prof.

How many of you Vintage members can identify this old console as to maker, date of release, and any peculiar feature that it had?



Last months answer: There are 13 errors.
If you only got ten, oh well who's perfect?

SWAP SHOP *from the Ranken File -*

FOR SALE: Hallicrafters SX-62 complete with matching speaker \$150.00.
Frank H. Plaisted, Jr.
Ph: (503) 647-2339

WANTED: Operating instructions for Grundig TK-46 tape recorder.
C. R. Kibler Ph: 678-5066
Rt. 2 - Box 694
Aurora, Or. 97002

WANTED: Rider Repair Manuals, part or all.
Bill DeVey Ph: 635-6746
Wistegard - already filled - Ed.
Tracy
Lake Grove, Or. 97030

WANTED: Large tipped W.D. 11 tubes, nice if they work but not mandatory.
Joe Tompkins Ph: 362-8071
3796 Hulsey, S. E.
Salem, Or. 97302

Wanted: In addition to above items, this late comer should be added. Mr. Rees, of the Vintage Wireless Co., in Great Briair, has lately acquired a Scott Philharmonic, and a Mid-west Royale 24 valve model. He also has a Colonial Globe mod. 700 (?) circa 1933. He needs a tuning scale for the Mid-West, and any literature, sales or otherwise, on any of the models. Send anything on these to: Mr. J.G. Rees
64 Broad St., Staple Hill, Bristol,
BS16 5NL. Great Britain.
(in re: to above, your editor can supply a circuit for the Globe and the Royale)

** **

Sort of a short Swap Shop this time, but I'm hoping that with the advent of fall and winter seasons, that there will be more activity in this part of our club functions. We want more "for sales" in particular. We like the trade idea, better than buying and selling,
16 in any case give your letter a go.