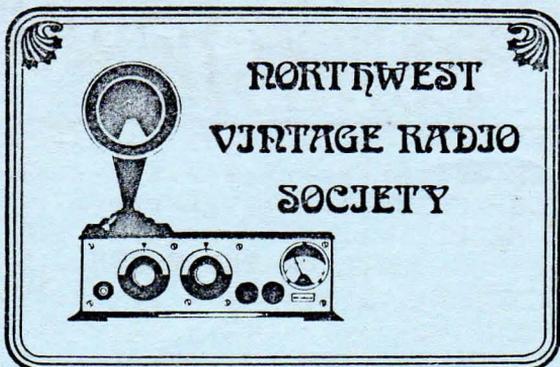


VOL. 7  
No. 3



MARCH  
1981

# CALL LETTER

**UZARKA  
MODEL 78 "AC"  
MINUET**

**COST TO  
YOU  
WITH TUBES  
\$67<sup>80</sup>**

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## 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. Meetings convene at 10 o'clock A. M.

\*\* \*\* \* \* \* \* \*

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\*\* \*\* \* \* \* \* \*

Feature articles are contributed by members under various by-lines. Please send all contributions to the editor.

\*\* \*\* \* \* \* \* \*

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Portland, Oregon 97202

# POWER SUPPLY

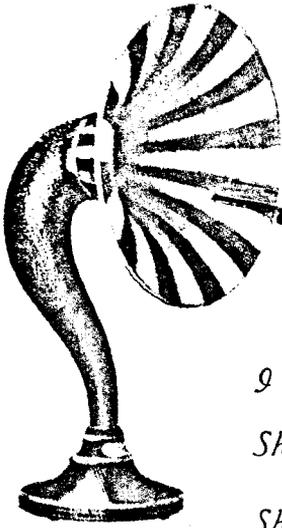
Back in 1941 or thereabouts, Mary Lee Taylor, Home Economist for the Pet Milk Experimental Kitchen, would broadcast from coast to coast her delicious recipes using Pet milk, of course. Usually, the announcer was also the "Official Taster." These recipes were compiled into a loose-leaf, 200 page cookbook which could be purchased for \$1.00. Recently I purchased this book at a flea market, and so follows one of her recipes:

## Strawberry Chiffon Pie

1. Chill until icy cold                    ½ cup Pet milk
2. Mash with pastry blender   1½ cups fresh  
    or fork                                    strawberries
3. Add    6 Tbsp. sugar  
   1/8 tsp. salt
4. Let stand in refrigerator while preparing gelatin.
5. Dissolve                                    1 pkg. lemon  
   gelatin in 1¼  
   C. boiling water
6. Cool. Then add strawberry mixture. Chill until mixture begins to thicken.
7. Oil bottom and sides of 9 inch pie pan.
8. Line bottom and sides of pan with 22 2 inch vanilla wafers.
9. Whip chilled milk with beater until stiff. Fold into strawberry mixture. Continue chilling until almost firm and pour into prepared pan. Chill until firm. Serves 6

For Cherry Chiffon Pie, substitute 2 cups drained, canned, sour cherries for the strawberries. Cherry juice may be substituted for part of the boiling water.

bk



# ATMOSPHERICA

By J

## A Fairy Tale

I had a dream when I was small,  
About the blue-tube fairy.  
She appeared in a cloud of smoke--  
For a little kid, quite scary!  
She transformed my one tube blooper  
To a fancy Tyrman Ten;  
My phoner to a fancy speaker;  
She twirled three times, and then-

She floated up the lead-in wire  
And vanished into the night.  
It took me several minutes  
To quiet down my fright.  
Then I tried to tune the Tyrman,  
But it wasn't any use.  
Our farmhouse wasn't wired yet,  
So I had no A. C. juice!  
I woke up sometime later  
And was happy as any king  
That I still had my blooper set,  
And the juice to run the thing!

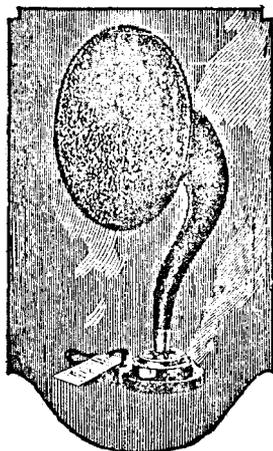
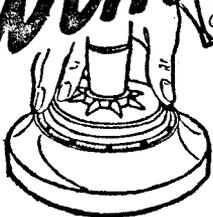
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A spark, is a spark, is a spark, but good co-herers  
are hard to find. Marconi's notes.

\*\* \*\* \* \*\* \*

"It's hard to sell an old-radio buff "New" merchandise."  
Old Cliche'

# NOW harmonized radio



The ATLAS Speaker "harmonizes" radio. A special "harmonizer" is built right into the base. You regulate it to suit yourself, controlling the rendition of each program with a single motion of the hand, and the results are truly wonderful. Radio as you ought to hear it --- full mellow tones, clear-cut articulation, and volume adapted to suit the occasion. Ask any convenient dealer to demonstrate.

ATLAS Speaker Model 102  
with gooseneck horn and  
harmonizer base .....\$30  
ATLAS Speaker Model 101  
with straightneck horn and  
harmonizer base .....\$25  
ATLAS Type B Phono-  
graph Unit .....\$13.50  
SRS Speaker, made by the  
makers of ATLAS .....\$10

Multiple Electric Products Co., Mfrs.  
District Office: Rialto Bldg., S. F.



# ATLAS

TRADE MARK

RADIO REPRODUCTION  
speaker



# OUR PEOPLE

BY  
HUGH RANKEN

February meeting of NWVRS brought a nice turn out of members and a good sampling of radios whose names begin with the letter "A". Among those displaying sets were Bill Baker showing a nicely maintained "Airline" 5 tube and Ed Charman an early 1930's "Apollo" super het table model. Jim Mason brought an "All American - All Amax Senior" which Jim says is a kit set -- certainly the ultimate in employing "A" in its name. Also, Jim displayed an "Autocrat" bedside table type -- superb finish and plays fine too. Craig Hoaglin brought his "Arborphone", the same model as shown in the Call Letter a few months back. These sets were manufactured in Ann Arbor, Michigan, which I assume to be the origin of the Arborphone name. Tom James brought an "Admiral" portable -- says works real good.

April is the usual time for our semi-annual Swap Meet and definite plans for it should be made at the March meeting. The Antique Auto Swap Meet is scheduled for April 11 and 12, the same week end as our regular meeting. Should we adjust the time of our meet (as we did last year) to avoid conflict with the autos? Some of our members are old car hobbyists and probably would like to participate in both events. Come to the meeting March 14 and help with the decision.

Versatile was the word for a radio man back in the early days of commercial broadcasting. Radio Craft Magazine recalls the experiences of one announcer who signed on with Station WOR about 1925 or '26. He was often announcer, engineer, newscaster, and physical education instructor all in the space of an hour and a half. He covered remote assignments in hotels and night clubs,

each time packing along the necessary amplifier, batteries, wire, etc. In those days the station had only one set of remote equipment and sometimes he covered as many as three remotes during the broadcast day, lugging the equipment with him for each one.

When WOR presented its first dramatic show, a mystery thriller "Step on the Stairs" he not only announced and engineered, but took two acting parts in the show itself. He would monitor the show, dash into the studio at the proper time for his lines, then rush back to the control room. He was assigned to interview Queen Marie of Rumania on her special train during her visit to the United States. No date is given but I recall this to be in the fall of about 1925 or '26. Tycoon Sam Hill entertained the Queen during her visit and had built the now famous Maryhill palace in her honor.

He recalls the days when "mike fright" was so common a famous actress froze and couldn't say a word, and during a commercial program a speaker got so frightened she fainted in his arms. My radio log for 1927 lists WOR as a 5000 watt station owned by L. Bamberger & Company, Kearney, New Jersey, operating on a frequency of 710 kc.

\* \* \*

Want to become a radio service man? Back in 1941 Supreme Publications of Chicago offered a complete course consisting, apparently, of several books or pamphlets on the subject. The cost --- would you believe, was \$1.95 for the complete course, postage paid. Today the so called "small charge for delivery and handling" would cost more than the whole package did forty years ago.

## Wireless Quote Of The Month

One of the most drawn out and bitterly contested law suits in American courts was between Lee De Forest and Edwin Armstrong over the priority of discovery of regeneration. Armstrong won the early legal battles. Judge Julius M. Mayer upheld Armstrong in 1922 in district court. Michael Pupin, the inventor of electrical tuning and Armstrong's instructor (see the Nov. 1980 Call Letter ) told The New York Tribune of March 19, 1922 of Judge Mayer's decision that:

" I am perfectly astonished after reading the opinion at the wonderfully clear scientific analysis which the court exhibits in this decision."

"This decision refers to one of the most important inventions, if not the most important, in the wireless art. It is the invention of employing in connection with an audion a coupling which enables a local battery to contribute its energy to the amplification of a signal received in a wireless station. The contribution attained in this manner from the local battery or the local source of energy may be as large as we please with in certain limits. Armstrong was the first to employ this coupling, or, as it is called the Armstrong 'feed-back circuit,' and he did it while he was still an undergraduate at Columbia University."

"The invention enabled him to make another most important step in wireless telegraphy and that is the construction of a vacuum tube oscillator. When the feed-back energized by the local source contributes more than a certain amount, then the system of circuits becomes an electrical oscillator, oscillating at the perfectly definite period which depends upon the inductance and the capacity of the controlling circuit. By

varying either the inductance or the capacity we can produce any period of oscillation between a few periods per second and many millions per second, and the pitch is maintained indefinitely."

"It is a generator of electrical oscillation maintaining its pitch with a degree of accuracy never before obtained by any apparatus constructed by man."

"The importance of the feed-back circuit in the reception of wireless signals and the importance of the electrical oscillators, not only in wireless telegraphy but also in wire telegraphy and other departments of applied electricity, can not be overestimated."

"It is admitted by those skilled in the wireless art that the ordinary electromagnetic generator of high power will before long be superseded by the vacuum tube oscillator, which also will bring about more or less reconstruction of wireless transmitting stations. I am particularly pleased that this decision gives the credit for the invention to a man who is a former student of mine and a student of Columbia University."

"It goes without saying that long distance radio communication and radio phone broadcasting would be impossible without this invention."

The court battles between DeForest and Armstrong reached a climax before the U.S. Supreme Court on May 21, 1934. In twelve court decisions the courts decided six in favor of Armstrong and six in favor of DeForest. Both men sold the rights to their respective patents years before the supreme court decision. Lee DeForest won the supreme court case. After hearing the decision Armstrong went to return the Institute of Radio Engineers medal he received for the discovery of regeneration. The I.R.E. board of directors refused giving him a standing ovation. Who invented regeneration? We have the curious case where the top body of electronic engineers say Edwin Armstrong while the

# Miscellany

New member Jerry Talbott reports that if anyone needs record changer repair, George Mull does good work reasonable. His address is: 919 E. Main, Hillsboro, Ore. - Ph 648-3298. Also, if you have any old juke boxes, parts, schematics, etc., for sale or know of any, Mark Keppinger, 1650 SE Bush, Hillsboro, Ph 640-2362, pays top dollar and finders fees. Has these items for sale, also.

Large size black rubber faucet washers make good replacements for missing rubber feet on small table radios.

For the display feature of the meeting this month, let's go to a more difficult letter than the "A" of last month. In line with the set featured on the cover of this issue, let's see how many makes beginning with "O" we can come up with. Hope some one has an Ozarka. I (I have the cabinet for the one illustrated - does anyone have the works? Ed.)

Member John Wood checked on the possibility of having our Spring swap meet and sale in conjunction with Don Wirf's Flea Market at the Memorial Coliseum. The dates in April are the 5th and 12th. Tables are \$7.50 and the location will be in the Concourse on the upper level. This might pose a problem in getting adjoining tables as a group. JM

Wireless Quote Page 3.

the U.S. Supreme court says Lee DeForest. The case for Armstrong is presented in the book 'Edwin Howard Armstrong: Man Of High Fidelity' by Lessing. Lee DeForest presents his side of the story in his autobiography.

###

contributed by Art Redman

# LETTERS

February 6, 1981

To: The President and Members of the Northwest Vintage Radio Society

For some time I have been wondering why I have remained a member of this Society. The membership and pride of membership has declined to such a low level I can no longer maintain my membership. Problems abound within the membership that are consistently getting worse.

A membership vote on a swap meet nets about 35 yes votes, yet 12 people may sell at the swap meet. It also appears that less than the 12 sellers will pay the seller fee.

Most months all members are asked to bring specific items for display at the next meeting. The same 10% bring items for display. This, to me, represents a let somebody else go to the bother attitude.

On many occasions I have seen a new member come into the society and be systematically bilked, traded, or dishonestly cheated out of the best collectable items the new member possess. This happens before anyone has the honesty to enlighten the person on the value and collectability of his possessions. I personally have tried to help the new members gain knowledge of the hobby before dealing with the membership, but I must not be as slick a talker as some other members.

Everyone wants an interesting society Call Letter, but the membership participation in providing information to the Call Letter is left up to the interested chosen few.

(cont. next page)

Members do not volunteer for committees and to get things going people are appointed. The appointed people then reject their responsibility causing the functions and activities to collapse into non-existence.

The few dedicated members are still trying to make a go of the Society. However, the lack of overall interest of the majority of the membership is sure breaking down the motivation of the "chosen few".

The last thing to come up to require me to reject any association with the society involved a For Sale add for the Call Letter. An ex-member of this society was required to pay for a For Sale add because of the lack of paid-up membership. This to me totally defeats the use of the Call Letter.

I personally feel all commercial adds should be paid because of the profit to be made for the add. An add from a private party for items for sale should be free and thought of as a service to the membership.

As interest goes, I believe I was the only member to ever bring battery radios to the meetings and play them for the membership. This again reflects the attitude of everyone wants to see but not to do.

I hope this letter will assist the membership in seeing the deterioration of the Society and make them band together to restore the Northwest Vintage Radio Society to what it should be.

Robert C. Campbell

(Due to the length of the above letter, Joe Tompkins note will be omitted from this issue. Ed.)

# Ole! by T.J.

The old Ole' column will be abbreviated this time because of lack of input. But the redeeming feature of this time of year is the housecleaning that begins in springtime and flushes out those old radios and other related memorabilia of the earlier days into the flea markets, garage-sales, antique and second-hand stores, and even direct sales (or gifts) to anyone with even a casual interest in these oldies. One party I know, has a 1951 collection, which was amassed by a relative since passed away, and which she says will be junked as soon as she can dig out the old pictures and documents mixed in with the old radio "trash". However I have not figured out a way to hasten her housecleaning to date; it's been hanging fire for several years already.

John McConnell says he got a Wurlitzer mod. 75, amplifier, spkr. and cabinet assembly. The cabinet measures 38x36x21" deep, with 2-15" and 2-12" spkrs. (His neighbors will complain, if he ever opens this one up!) also he says he picked up a couple of Zenith chassis offered for sale by a former member of the club.

Your Ole' editor found a good supply of caps and vol. controls recently, but still is plagued by the need of good rubber grommets, rubber cabinet feet, and rubber mountings for tuning capacitors, sub chassis mounts, and other such trivia.

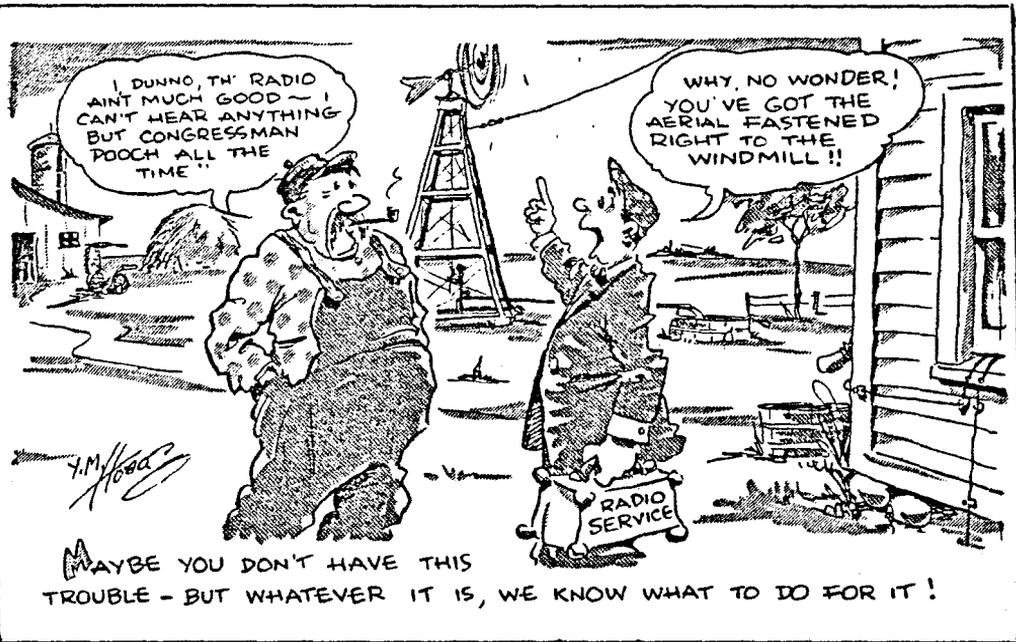
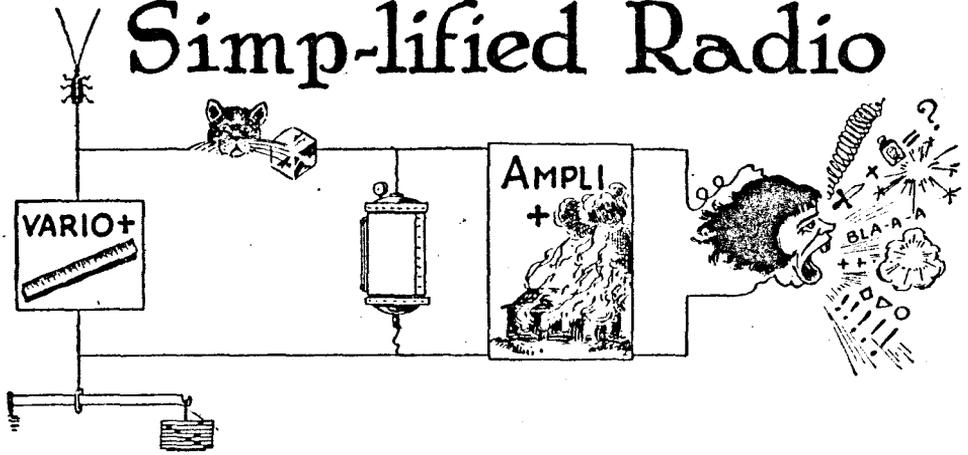
\* \* \* \* \*

Many of the old radios one collects do not work, which is often a blessing in disguise!

( Old Philosopher )

# CARTOON CLIPPINGS

## Simp-lified Radio



MAYBE YOU DON'T HAVE THIS TROUBLE - BUT WHATEVER IT IS, WE KNOW WHAT TO DO FOR IT!

# I Q Primer...

by THE PROF.

Take out your stop watch and give yourself one minute to find your Atwater Kent. Beginning at the block marked Start, go vertically or horizontally only, spelling out the name of this old radio set. Good luck.

N A R K T E R K E N  
K N E T A N K A T R  
R E R A W E K E R T  
E T A W T W R N T N  
T A W T A A E T A K  
T W T A **START** A T W A  
A T K T A A T W A K  
T N E W T W E A T E  
E E N K R W R K E N  
R K T E N K T E R T

\*\* \*\* \* \*\* \* \*\*

Answers to last months I Q J were as follows:

1. True
2. False
3. True
4. True
5. True
6. False

\*\* \*\* \* \*\* \* \*\*

An "Antique" set in one's hands is worth three on the phone!

Josh. 10-4

# SWAP SHOP

## FOR SALE

Pooley cabinet with speaker, AK 20 compact fits in it-real nice one, \$50; Crosley Dyna-cone frame-real nice, \$5. Joe Tompkins, 3796 Hulsey Ave., Salem, OR Ph 362-8071

## TRADE

First Echophone cathedral for early cathedral of comparable value. Jim Mason, Ph 644-2343

## WANTED

A circuit diagram for a battery eliminator which I could build to get my AK 20 working for display. Dick Karman, 2515 NE 37th, Portland, OR 97212, Ph 288-1285.

## WANTED

Pre-war Zenith Transoceanic; "Cathedral" style radio, AK, Philco, etc.; "Chairside radio, prefer Zenith; Battery set and horn speaker - both need not work, display only; Crystal set; (Have radios to trade also) Jerry Talbott, 1440 SW 239th, Hillsboro, Ore. Ph 649-6717 (home), 627-5540 (work).

## WANTED

Old Navy crystal set; battery set (it's been a long time since I found one). Joe Tompkins.