

LOCAL AND PERSONAL

Siskiyou Chapter No. 21 R. A. M. Masonic Hall, Ashland. Notice of Meeting. Special convocation, Thursday evening, September 28. Royal Arch degree. Meet at 7:30 sharp. Refreshments. All companions invited. New robe equipment introduced. V. V. MILLS, H. P. W. H. DAY, Secretary.

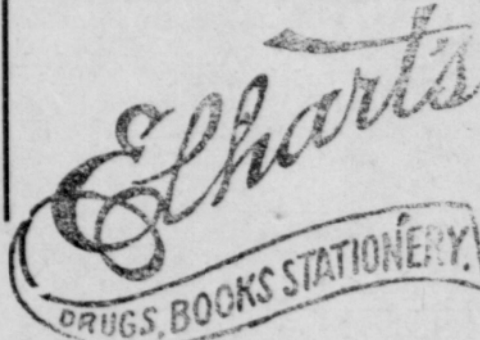
For better insurance rates, you better see, Yeo, of course. 307tf

TOILET SOAP SALE

Big Twin-Bar Soap 2 Cakes 23c or 1 Cake Soap with 1 Wash Cloth 23c

All the advertised brands that you may want

Palm Olive, Woodbury, Cashmere Boquet, Etc. this week at



VINING THE THEATER BEAUTIFUL TODAY AND TOMORROW The Rembrandt of the Screen The Great American Picture



"The Prodigal Judge"

the world-famous novel by Vaughan Kester

Featuring JEAN PAIGE

Also "TOPICS OF THE DAY" and "AESOP'S FABLES"

First show 7:15; Second 9 Admission, 10 and 35c, incl. tax

RADIO

REGENERATIVE SET COSTLY BUT USEFUL

Methods for Converting the Simple Vacuum Tube Receiver Into That Type.

There are a great many amateurs who own and operate radio receiving sets using vacuum tube detectors who would like to have regenerative receivers. Regenerative receivers, however, are relatively expensive because of the high royalty the companies licensed to manufacture these sets pay for the use of the Armstrong patent.

The regenerative circuit is desirable in spite of these difficulties, because by converting his vacuum tube detector into a regenerative receiver, an amateur cannot only then pick up undamped or continuous-wave signals but his incoming signals will be greatly amplified. A regenerative receiver will produce for the same incoming signal a much stronger response in the headphones than a non-regenerative receiver in connection with a one-stage amplifier. Then, too, the addition of the amplifier necessitates extra tubes, amplifying transformers, etc., as a first cost and more power to operate as a maintenance cost.

The simple vacuum tube receiver using a tuning coil only for varying wave length can be recommended as

length, a better circuit arrangement can be had for regeneration. Figure J shows the circuit connected for regeneration. This is also the ultra-audion circuit. By the use of the ultra-audion circuit the simple loose coupler can also be converted into a regenerative circuit with a vacuum tube.

One of the best methods for converting a loose coupler into a regenerative circuit receiver, provided the primary of the loose coupler is equipped with two sides, is shown in Figure L. Here the primary of the loose coupler is used not only as a part of the antenna oscillating circuit, but also as the plate inductance coil

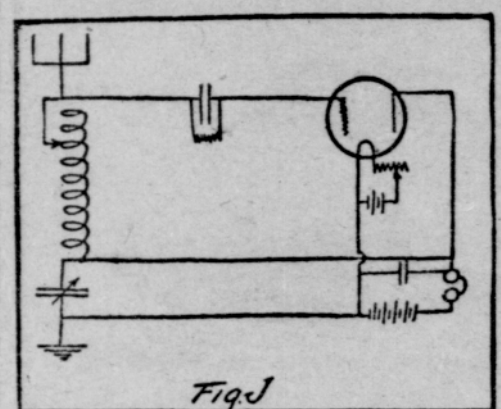


Fig J

for feeding energy back to the grid circuit from the plate circuit.

The best method of adapting a loose coupler to a regenerative circuit arrangement is shown in Figure M. The primary of the loose coupler is used for tuning as in a single circuit tuner employing a tuning coil. The secondary of the tuning coil is not connected in the grid circuit as it normally is, but is in the plate circuit.

By connecting the secondary in the plate circuit, the amount of inductance in the plate circuit can be varied and the coupling of the plate

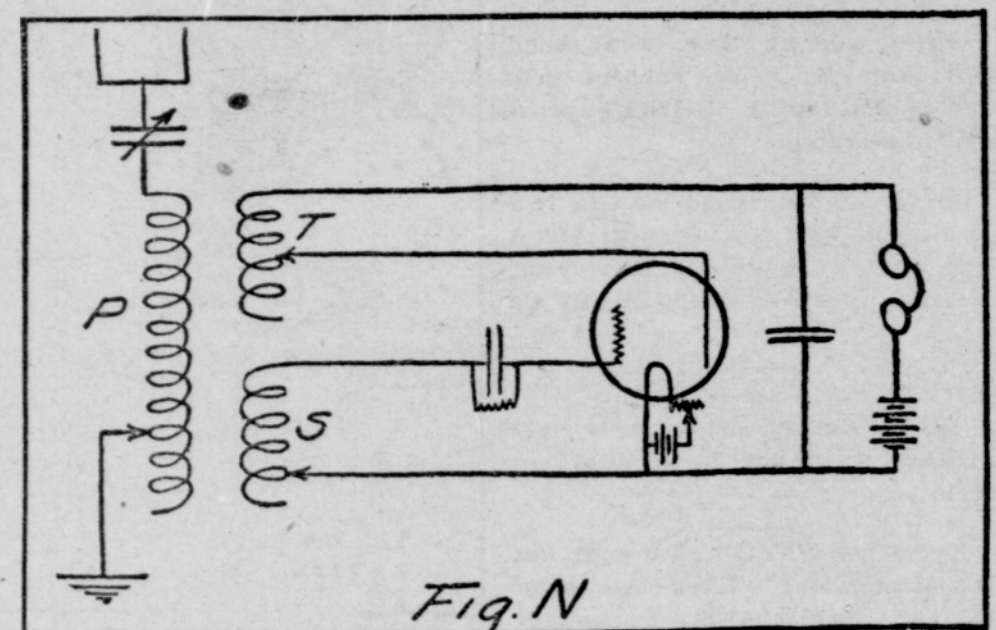


Fig N

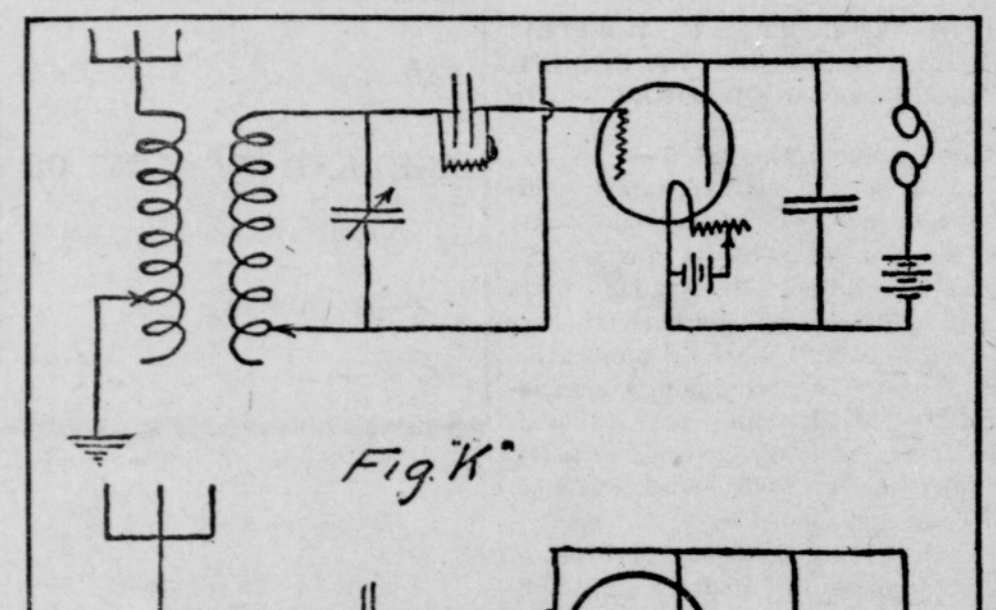


Fig K

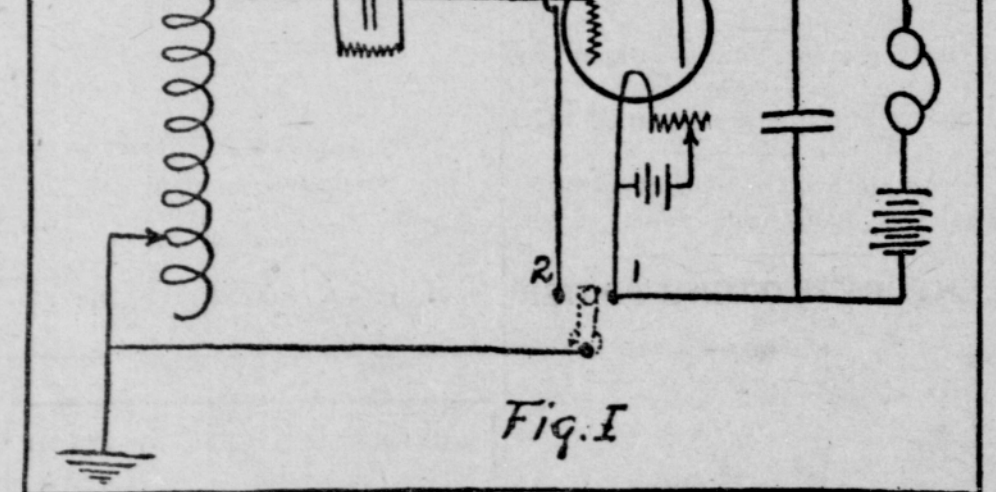


Fig I

shown in Figure I, to form a regenerative circuit. When the two-point switch is on contact No. 1, the set is non-regenerative. Turning the switch to point No. 2 makes the set regenerative. The circuit arrangement for regenerative is known as the ultra-audion circuit.

It is difficult to control the amount of regeneration in a circuit of this

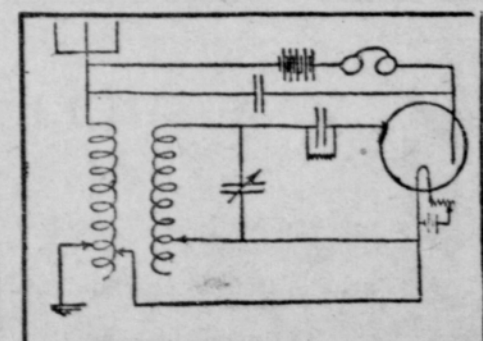


Fig L

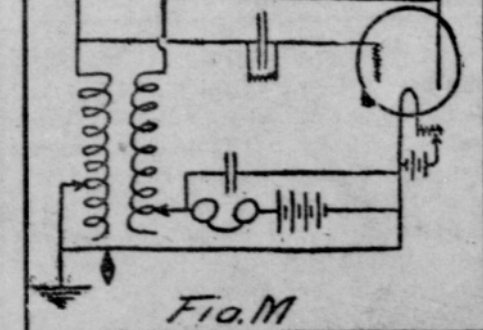


Fig M

type and close adjustment of the filament current and plate potentials is necessary to avoid distortion.

When an antenna series condenser is used in conjunction with the tuning coil for controlling the wave

circuit back to the antenna and the grid circuit can be controlled. This will allow any desired result in regenerating that can be used to obtain excellent results.

For those who wish to retain the selective tuning properties of a loose coupler, the feed back arrangement shown in Figure N is suggested. In this circuit a third coil called a "tickler" is connected in the plate circuit and used to feed back the plate circuit energy into the grid circuit. The tickler coil is smaller in physical dimensions to the secondary of the loose coupler though it need have only approximately 75 per cent as many turns.

It should be mounted on rods to slide back and forth inside of the primary of the loose coupler, entering the primary from the opposite side as does the loose coupler; that is, a loose coupler equipped with two secondaries, one sliding in one side of the primary, and the other sliding in the other side of the primary. It is desirable to have more taps on the secondary so as to permit a closer adjustment of the plate circuit inductance.

Radio Fans Blamed in Paris.

The opening of the station at Eiffel tower for broadcasting purposes brought much joy to the continent and England, but not to the French department of communications which controls the wire systems there. In Paris alone it is reported that more than 200 telephone receivers are "lifted" every day and never returned. The radio fans are blamed.

Scoutmaster Wanted— C. F. Koehler, who has been the scoutmaster of troop two for some time past, will be unable to continue in this office after November 1, on account of the demands of his work. Here is an opportunity for some live man who wants to do a good work. It would be a very unfortunate thing should the troop be compelled to disband for lack of leadership. Who will volunteer?

Detrick sells butter for less.

You may be sorry if you don't insure with, Yeo, of course. 307tf

Sample Sale of Ready to Wear Women's Plush Coats with Fur Collars, Full Satin lining, One-Third off regular prices. E. R. Isaac & Co.

Sample Sale of Ready to Wear Women's Fabric Cloaks in Velours, Bolivia, Tweeds and Plaid Back materials, One-Third off regular prices. E. R. Isaac & Co.

The Rogue River Valley Dental society shall meet in Grants Pass Friday evening, September 29, beginning with a banquet at 5:30 at the Hotel Josephine. The dentists of Ashland will furnish the clinics and papers. 22-1

Sweet Cider, made fresh every day, two gallons 75c, one gallon 40c, delivered. Phone 9-F-11.

Our modern equipment enables us to clean and dye any article. Ashland Cleaning and Dyeing Works. Phone 63. 22tf

Visitor in Portland— Charles G. Killet, of Ashland, is a guest of the Imperial hotel in Portland.

We have an exceptional bargain in fine residence property for quick sale. Staples Realty Agency. 22-1

Leave for Salem— Mr. and Mrs. Clifford Yarbrough, who have been visiting with Mr. Yarbrough's parents at 532 Scenic Drive, for the past several days, left this morning for Salem, where they will stop for a few days at the state fair, after which they will proceed to their home in Astoria.

The Medford Fluff Rug man will be in Ashland tomorrow (Thursday). Phone 175. 22-1

TOO LATE TO CLASSIFY

FOR SALE—10 acres \$65 per acre, \$650 cash. 1 1/2 miles town, under ditch. O. A. Manning, Talent, Or. 22tf

FOR SALE—Good Ford runabout with commercial body, 1918 model, or will trade for cows. R. H. Coffin, 595 Roca St. 22-3

WANTED—Girl experienced in confectionery work. Those not experienced need not apply. Plaza Confectionery. 22tf

POLICE ARE LOOKING FOR TWO WRONG-DOERS

A warrant for the arrest of G. M. Cooper has been issued and is in the hands of the local police, but Cooper seems to have taken leave of the city. It is thought by the authorities that he left for the north in his Chevrolet car, bearing Oregon license No. 85891, taking along with him, his wife and two children. Another man wanted by local police is C. A. Wahl, who left here during the month of June in a Chevrolet car, which he had charge of, but which belonged to another party.

For sale, used motorcycles. Fixit Shop.

SERVICE TODAY WILL BE LAST UNTIL FRIDAY

(Continued from page 1)

the entire day is to be spent down there. It was announced that the Ashland people were not only invited to stay at home on this day, but were strictly urged to do so.

And at the same time the Medford people were not only invited to attend all these meetings, but a section in the Chautauqua tabernacle would be reserved for them.

Rev. Oldfield accompanied Mrs. Price to Medford yesterday afternoon to conduct a preparatory service in the Presbyterian church, and he stated they arrived a few minutes late, and what was their consternation, to behold the church packed to overflowing; and at an altar call made after the services were over, only 18 of the assembled failed to come to the altar.

After the services last night, scores repaired to the Baptist church seeking a greater blessing, and the Spirit of the Lord was there in great evidence. One lady, being under the power, talked in tongues, interpreting it as she went, through the Spirit, saying, over and over again, "Hasten My work, hasten My work, I am coming soon."



Want Ads Attract Good Help

BIG VALLEY GAZETTE

Bieber, Lassen County, California, Thursday, Sept. 21, 1922

DR. C. L. NORVALL, CHIROPRACTOR, FREED IN JUSTICE SALCIDO'S COURT

The case of the medical men against Dr. Carrie L. Norvall, chiropractor, was heard in Bieber, Calif., Friday, September 15, before Justice Salcido.

Practicing chiropractic without having a license from the medical board, was the charge, as usual in all such cases.

District Attorney Nutting, from Susanville, represented the medical board, and Dr. Norvall acted as her own attorney. She showed that she had been a licensed chiropractor, practicing for years in Oregon and other states, and that she had applied in California for permission to take an examination for a chiropractic license and was told that no such licenses were granted in California by medical men. She was later arrested for not having a license.

To show the inconsistency of the whole matter, Dr. Norvall then produced a license, issued by the city of Red Bluff, California, giving her permission to practice chiropractic in the city of Red Bluff.

To show the unreasonableness of the medical contention that her method of healing is the practice of medicine, she said that the study of chiropractic is not taught in any

medical school, and that no medical man or surgeon could possibly adjust a misaligned vertebrae, if it were to save the life of his own child.

Dr. Norvall declared that the whole procedure was a farce and an insult to the intelligence of American people. She asked that the charge against her be dismissed.

The clapping and acclaiming when the justice dismissed the charge against Dr. Norvall, showed the hearty approval of the crowd of people who had gathered to hear the proceedings.

It may be said that Dr. Norvall is campaigning, and demonstrating chiropractic in northern California, for the purpose of winning in the November election, referendum 16, which gives chiropractors their own examining board.

The majority of the states now grant chiropractic boards, and recognize chiropractic as an advanced science of natural healing. Two years ago, nearly 400,000 votes were cast in California, for a chiropractic board; this fall the chiropractors claim they will have over a half million votes, and California will advance with the rest of the country.—Subscriber. Adv.

Wineland & Shepherd Millinery and Hair Dressing Parlors. Now Showing Latest Creations in Fall Millinery. SUMMER'S TAN REMOVED by Famous Burnham Instantaneous Facial Bleach. Shampooing, Scalp Treatment, Manicuring and Facial Massage. (Work done by appointment only) Citizens Bank bldg. Room 1 and 2 upstairs

Changes in Business Policy. Many and far-reaching changes are today taking place in the policies upon which business is conducted. Most of the policies that have been in force for the past twenty-five years were based on the cardinal fact of a steadily rising market. Fluctuations were accepted as incidental and temporary; but the assurance of a general average tendency upward was the basis of every attitude that became formulated into a policy. Recent changes in business policy—changes coming about with the past year or more—are based on the final acceptance of the fact that we have entered a period of a non-rising—in all likelihood a falling—market. So long as it was possible to assume that the new price levels represented but a temporary depression the old policies were bravely and tenaciously adhered to; but when it became clear that in all human probability the market would continue downward, then an adjustment of basic policies became imperative. Chief among the policies that have necessarily been changed are those that relate to the creation of Demand. Under the old policies, a certain Demand was inevitable, and came to be accepted as a matter of course. It was the cardinal policy of almost every producer and distributor to attempt to capture a generous share of the existing Demand. Not a great deal of thought was given to creating Demand itself. But now that the great Demand has relaxed until there is not enough to give everybody a liberal share, it has brought business to the imperative consideration of two things: One is how to get a full share of the Demand by taking it away from others by force of competition. The other is how to create more Demand, so there will be enough for all. The great and imperative necessity of stimulating and creating Demand for the products of industry has at last given Advertising a position of importance in business policies far in excess of any that it has ever known.