

### Women Turn City Government Back To Their Husbands



Mrs. R.H. Evans, Mrs. W.R. Dotson, Mrs. C.A. Evans, and Mrs. F.P. Harrison.

JEWETT, Texas, May 22.—Out here at the rim of the Old West, where virility has blazed the trail to a better civilization, women are triumphant!

Female office holders have proved to the world that women can guide the destinies of municipalities and at the same time successfully pilot the domestic duties given into them as wives and mothers.

Jewett's tax dodgers have paid up. Crime has become a myth in this little community. A city administration of women, who defeated their own husbands at the polls, did the trick—and did it well.

And now the women officers are going to lay aside the robes of officialdom. They have shown the men how to successfully conduct the administration of this city's affairs.

Peaved at what they believed to be recalcitrant performance of duties by their husbands, five Jewett women entered the political ring against their "better halves." They made a clean sweep and took over the governmental reins.

"You've seen what can be done, and how we did it," the women told their husbands. "We're not going to continue in politics. It's up to you men to step in and continue the work we have started."

And so America's very first "governed-by-women" city steps back into the category of those cities governed by the men.

Jewett's city officials for the past two years have been: Mrs. J. T. Adkisson, mayor; Mrs. R. H. Evans, Mrs. W. R. Dotson, Mrs. Coakley Evans and Mrs. F. P. Harrison, commissioners.

### WAR DEPARTMENT TO ESTABLISH TRAINING CAMP

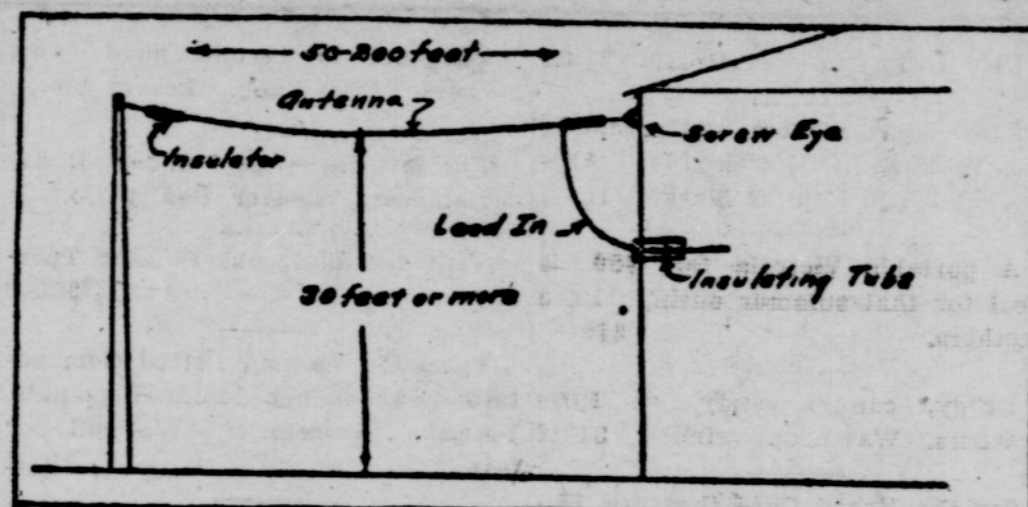
The war department has made arrangements to conduct a citizens' military training camp at Camp Lewis, Wash., for the young men of Oregon and Washington, beginning July 27 and continuing until August 25. Young men between the ages of 17 and 27, irrespective of previous military training, and ex-service men up to 35 years, will be taken in the camp.

Free transportation will be furnished to all applicants who are accepted, both to and from the camp, and all expenses while at the camp will be borne by the government. In this manner any young man can spend his vacation without expense to himself and at the same time learn many things that may be of great value to him at some time in the future. What could be nicer than a month's vacation at the expense of some one else other than yourself?

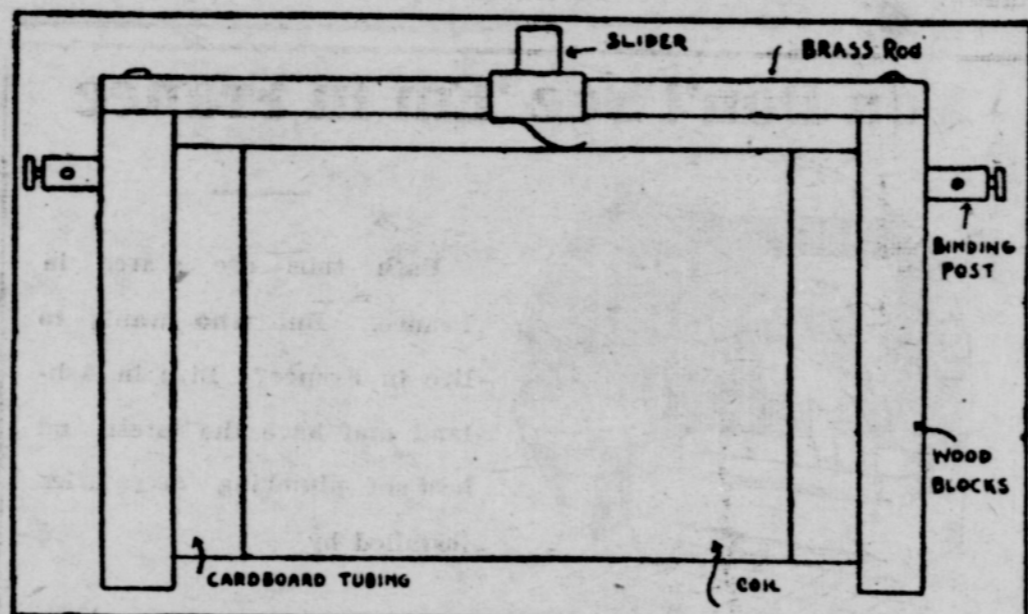
The purpose of this training camp is not to teach militarism, but to instruct those who care to learn, in a few of the principal fundamentals of infantry, cavalry, artillery, engineering, signal corps and air service. This training camp will bring together a large number of young men of a high type from all sections of the country, all on a basis of equality and under the most favorable conditions of outdoor life. It will stimulate and promote citizenship, patriotism and Americanism, and through expert physical direction, athletic coaching and military training will benefit the young men individually and bring them to realize their obligations to their country.

It is to be remembered that in entering this camp the applicant does not incur any special obligation for military service, and is not bound to any future service by reason of having entered the training camp at this time.

Information can be obtained by writing to Room 323, New Post Office building, Portland, any time before May 31.



The Antenna.



The Tuner.

## RADIO

### HOW AMATEUR CAN BUILD A RECEIVER

#### Instructions for Setting Up the Antenna and for Assembling the Tuner.

In order to pick up sufficient energy with the simple radio receiving set it is necessary to connect one terminal to an antenna consisting of one or more wires suspended in the air and insulated from all grounded material and the other terminal to a ground, usually the water supply pipe. The height of an antenna used with a small receiver should not be less than 30 feet. As the received energy varies directly as the height of an antenna, the higher the antenna the louder will be the signals or voice produced. The length of an antenna for short wave reception should not be less than 50 feet nor should it be longer than 200 feet. The minimum wave length to which a simple receiver can be adjusted for electrical resonance will be above that used by amateurs if the receiver he connected to an antenna 200 feet or more in length.

A simple radiophone receiver capable of picking up radiophone stations similar to KDKA at East Pittsburgh, can be assembled by a novice for from \$4 to \$15, depending upon the builder's ability to use his hands. If the builder will construct most of his apparatus he will appreciate it much more and probably will understand more about its operation than if he buys a set already made. However, for those who have not the ability or the time to spend constructing their own apparatus the following description will not only give the details as to the construction of each component part of a receiver but also what standard ready-made parts can be purchased and used in its stead.

The material can be purchased at any electrical supply store. In erecting a simple antenna for use with the receiver shown in the diagram, the antenna proper and the lead-in are of stranded hard-drawn copper wire, strand No. 22, costing about 1 cent per foot. The two insulators are of molded material and can be purchased for about 25 cents each. The antenna shown is supported between a house and a pole. It may be found more convenient to support it between a tree and a house, two houses or even between two chimneys on the same house. In bringing down the lead-in care should be taken that it is kept as far away from grounded material as possible and when bringing through the wall or under the window into the house it should be brought through some sort of an insulating tube, such as rubber or bakelite.

In making the ground connection the same kind of wire can be used as was purchased for the antenna. You can clean a section of the waterpipe thoroughly and solder the ground wire to it.

#### MAKING THE TUNER

To make a tuner for this receiver, the following raw material will be required: Piece of cardboard tubing three inches outside diameter and five inches long, costing about 10 cents. 100 feet No. 22 double cotton-covered magnet wire costing 25 cents. Standard slider (see sketch) for 1/4 by 1/4 brass rod, 40 cents. 1 six-inch length of 1/4 by 1/4 brass rod (square) 20 cents. 2 binding posts (see sketch) 20 cents. 2 circular blocks of wood whose diameter is just equal to the inside diameter of the piece of cardboard tubing and between 3-8 and 1-2 inch thick. Some shellac or varnish is also required.

Starting one-half inch from one end of the cardboard tube wind on the No. 22 D. C. wire within one-half inch of the other end of the tube. Fasten one end of the winding to the tube but allow some surplus wire on the other end for making a connection. After the winding is in place give it a coat of shellac or varnish to hold the turns in place. Assemble the circular-cut pieces of wood in the geometrical center of the square blocks and then shellac or varnish them for the appearance's sake. When thoroughly dry slip the two end blocks into the wound tube and by means of a few finishing brads driven through the cardboard tube, fasten the end blocks to the wound tube. The slider is to be mounted on top of the coil and should be capable of making contact with any turn of the wire on the tube. In order to remove the insulation from the wire just under the rod where the slider moves back and forth, wrap a piece of sandpaper around a thin piece of wood as a guide, sandpaper the insulation from the winding. Drill a hole one-eighth inch in diameter through the slider rod about one-fourth inch in from each end so that the rod can be fastened by screws to the end blocks. After the slider rod is fastened in place see that the contact finger on the bottom of the slider can at all times make good contact with the winding. Mount a binding post on either end of the coil, attaching one by means of a wire to the slider rod and the other to the end of the wire wound on the tube and the tuner is complete. A tuner can be purchased already assembled for about \$3.50 to \$4.00.

#### LINKING MOVIE AND RADIO

British Scientists Have Some Success in Wireless Transmission of Motion Pictures.

British scientists are reported to have met with more or less success in developing a method of transferring motion pictures by radio. Some months ago a photograph was transferred by wireless from the Copenhagen newspaper, the Politiken, to England, and later from England to a ship in mid Atlantic, so that the possibility of linking the movies with the new art is not remote.

If perfected the new development of the already versatile art will make it possible for one to see on his own receiving instrument things that are happening at a great distance. For instance, a ship is sinking at sea. The transmitting station of the vessel, instead of sending a message of the disaster, sends a picture that anyone with a receiving set will be able to see just as the present broadcasting programs are heard.

That all sounds remote now, but the telephone was considered even more so, and the wireless, even after Marconi's immortal message had bridged the Atlantic, was generally believed to be akin to the idea of perpetual motion.

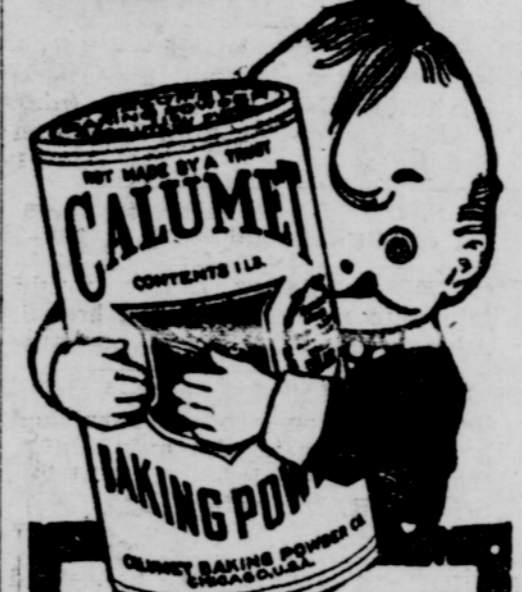
#### TIPS TO THE RADIOIST

A crystal detector cannot be satisfactorily amplified. Insulate ends of aerial wires with several small insulators. Wherever possible run aerial wires at right angles to electric light wires. The lead wire should be the size of the combined number of wires in the aerial. Gas piping makes a poor ground, but the cold water pipe ground is excellent. A crystal detector is never as efficient as a vacuum tube detector no matter what instruments are connected to it. Within three to five miles from a broadcasting station indoor one wire aerials about 40 feet long stretched from room to room, are generally satisfactory with crystal detectors.

### BIG MENAGERIE WITH GREAT LONDON CIRCUS

The menagerie connected with Howe's Great London Circus, and Van Amburg's Trained Wild Animals, which comes to Ashland for afternoon and evening performances, on Monday, May 29, is the most complete and comprehensive animal revue ever assembled. Forming but one department of the "world's wonder show," as it has been styled, yet included in the price of admission, which this season is back to the pre-war basis—50 cents. Parents should consider taking the children an imperative and delightful duty, as many features have been especially arranged to interest the little ones and students of natural history. There will be wrestling bears, baby lions, ponies, pretty Shetlands, carrier pigeons, even goats. Clowns, scores of them, will furnish mirth for old and young. Then the street parade will be worth coming miles to see, bands, calliope, open dens, beautiful ladies and horses, adding grace and beauty to the occasion.

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WANTED—A wicker sulky. Call 756 Iowa St. 218-6\*\*

WANTED—Young men who desire to give some of their time to serve their country and go with the First Company to the annual encampment at Fort Worden, Wash. Good pay, all expenses, clothing and board furnished. Encampment June 15th to 29th, inclusive. A 2500 mile trip and vacation, and home again with money in your pocket. Can you beat it? 218-4

WANTED—Woman or girl to help with housework and infant, mornings. Phone 206-L. 226-2\*

#### INTERURBAN ATTORAC CO.

(Effective January 1, 1922) Daily (Except Sunday)

LV. MEDFORD	LV. ASHLAND
7:00 a. m.	7:00 a. m.
8:00 a. m.	8:00 a. m.
9:00 a. m.	9:00 a. m.
10:00 a. m.	10:00 a. m.
11:00 a. m.	11:00 a. m.
12:00 noon	12:00 noon
1:00 p. m.	1:00 p. m.
2:00 p. m.	2:00 p. m.
3:00 p. m.	3:00 p. m.
4:00 p. m.	4:00 p. m.
5:00 p. m.	5:00 p. m.
6:00 p. m.	6:00 p. m.
7:00 p. m.	7:00 p. m.
8:30 p. m. Sat. only	8:30 p. m.
9:30 p. m.	9:30 p. m.
10:30 p. m. Sat. only	10:30 p. m.

#### Sunday Schedule

Leave Medford for Ashland and Ashland for Medford every hour on the hour from 9 a. m. to 5 p. m.; then 6:30 p. m. and 9:30 p. m.

Ashland waiting room—East Side Pharmacy.

MEDFORD-ROSEBURG STAGE Daily (Except Sunday)

LV. MEDFORD LV. ROSEBURG 10:00 a. m. 1:00 p. m.

Travel by stage; shortest route by 20 miles; one of Oregon's most scenic trips; we save you time and money.

Fare—Medford-Roseburg, \$4.00; Grants-Roseburg, \$3.00.

MEDFORD-GRANTS PASS Daily and Sunday

LV. MEDFORD LV. G.T'S PASS 10:00 a. m. 10:00 a. m.

1:00 p. m. 1:00 p. m. 4:30 p. m. 4:45 p. m.

Grants Pass waiting room—The Bonbonniere, phone 160.

Office and waiting room—No. 5 S. Front St., Nash Hotel building.

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DR. J. J. EMMENS—Physician and Surgeon. Practice limited to eye, ear, nose and throat. Glasses supplied. Oculist and aurist for S. P. R. Offices, M. F. and H. Bldg., Medford, Ore. Phone 567

DR. MATTIE B. SHAW—Special attention to mothers and children. Internal secretions and endocrine glands. Res. and office, 108 Pioneer avenue. Telephone 28. Office hours, 11 to 12 a. m.; 2 to 6 p. m.

DR. SHAW—Eye, ear, nose, throat specialist; glasses fitted. Office at residence, Pioneer Ave., morning and by appointment. Phone 28.

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ADAMS TRANSFER—Wood and storage. Phone 460. 211-1mo

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#### FOR RENT.

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FOR SALE OR TRADE—Team of mules. Apply 112 Nob Hill. 229-5\*

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