

Local and Personal

On Vacation Trip—

Mr. and Mrs. C. H. Hedburg are spending a two weeks' vacation in San Francisco and the surrounding country.

Have two very good buys in residence property on Granite street, and on Allson street, at very attractive prices. Ashland Realty Co. 5-1mo

Stopping in Ashland—

Mr. and Mrs. Fred Cavin and son, of Baker, Or., are spending a few days in Ashland visiting with friends here. The Cavin's are en route to California, where they will remain for some time.

Fruit canning time is at hand. For fruit jars, lids, rubbers, jelly molds and sugar, Detrick's prices can't be beaten.

Moves to Grants Pass—

Mrs. Emma Farlin, who has been residing in one of the Barber houses on Granite street, moved today to Grants Pass.

Now is the time to have your piano tuned. Carl H. Loveland Studio, 135 E. Main. Phone 465. 4tf

Try the new Ashland Cleaning & Dyeing Works, 37 First St. Phone 63. 13-1

Committee Asks for Flowers—

The committee in charge of decorations in the Chautauqua building during the Price revival campaign, requests that any one having yellow and white flowers, bring them as early Friday morning as possible to the building. This is very urgent.

APPLES—20 ounce pippins, 75c box delivered. Phone 9-F-11.

See Carl Loveland about having your boy learn some band instrument, and join the Boys' Band. Studio 135 E. Main. Phone 465. 4tf

Moves Reported—

Ralph Harris has moved to the Casebeer property at the corner of Third and C streets.

Ready-to-put-on suits that you'll not be ready to put off till the last stitch gives. At Paulserud's. 14tf

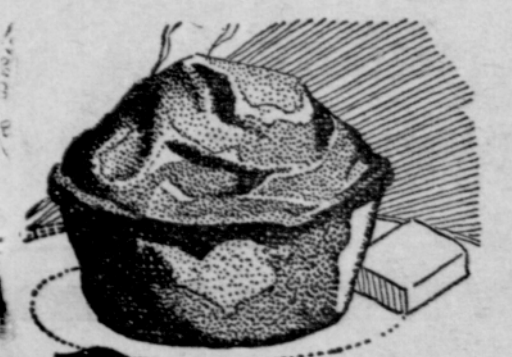
For your cleaning and pressing—phone 119. Paulserud's. 14tf

In City Wednesday—

F. R. Bingham, directory advertising man, for the telephone company, with headquarters in Portland, was in the city getting the advertising lined up for the new telephone directory, which will go to press shortly after the first of October.

Wanted, women to work in fruit at Talent cannery. For particulars, phone 364-J1. 1tf

Portland—The highway to Hillsboro, costing \$229,744, has worn out in places in three years. The concrete was too light.



Most everyone

has occasional interruptions or unforeseen delay on baking days, but the housewife who uses Crescent Baking Powder will not worry. She will have light, melt-in-your-mouth biscuits, muffins, and cake because—Crescent combines the two leavening units that insure good results under variable circumstances.

From any grocer
Crescent Manufacturing Company
Seattle, Washington



Leaves for Home—
Mrs. Huber Dabney, daughter of Mr. and Mrs. J. C. Pratt, of 771 North Main street, and Mrs. A. J. Jones, both of Dunsmuir, Calif., left for their home yesterday evening, after a few days' visit with Mrs. Dabney's parents.

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

Piano tuning guaranteed by Carl Loveland. Studio 135 E. Main St. Phone 465. 4tf

Visiting with Parents—

Mr. and Mrs. Clifford Yarbrough, of Astoria, Or., are visiting with the former's parents, Mr. and Mrs. F. Yarbrough, at their home on Scenic Drive. They will remain in Ashland until the middle of next week.

For sale, used motorcycles. Fixit Shop.

Everything good to eat at Detrick Groceteria.

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

On Way to Ashland—

Mrs. H. E. McGee has written to friends here to the effect that she would leave Kansas City today for Ashland. Her many friends in the city will be glad to hear that she is en route home.

LEEDOM'S TIRE HOSPITAL MOVED TO THE BEAVER CORNER, MASON AND HOOD TIRES. 1tf

Better be safe than sorry. See Beaver Realty Co. about your insurance. Phone 68. 287tf

In City on Business—

Frank C. Riggs and E. N. Culver, representatives of the Willy-Knight Automobile company in this section of the state, were visitors in Ashland today.

Not bargain clothes—bargain prices. Paulserud's. 14-1f

We sell Fred Rapp's watermelons at the White House grocery, 1 1/2 cents per pound. 2tf

NOTICE

Having disposed of the Ashland Laundry, and desiring to close my accounts as soon as possible, I would appreciate an early settlement by any person knowing themselves to be indebted to the Ashland Laundry up to September 1st. Books will be found at the laundry. 14-6 F. E. FRENCH.

Poultry Raisers Will Have Many Exhibits at Fair

SALEM, Or., Sept. 21.—(Special.)—Poultry raisers and fanciers are to be given the privilege of attending one of the largest and most comprehensive poultry shows ever held in the Pacific northwest, when the week of the annual Oregon state fair rolls around, beginning September 26. The poultry exhibit this year will surpass any ever held at the state fair.

"We will have a poultry show," said A. H. Lea, secretary of the state fair board, "that will be worth the price of admission alone to those who either raise or have a love for fine fowls. Every known strain, that its quantity will tax the capacity of the large new poultry building, will be exhibited."

"We have had built many hundreds of extra coops, which have been placed in every available inch of space in the poultry building."

The state fair board, in co-operation with poultry raisers, has offered to care for and feed all fowls and other exhibits in the poultry department and also furnish transportation from fairgrounds depot to the poultry building and return at the close of the fair.

The various classifications include American, Asiatic, Mediterranean, English, Polish, Hamburgs, French, continental, game bantam, orientals, ornamental bantams and miscellaneous strains; turkeys, ducks, geese, wild game, with special premiums for the best bird in the different classes.

The pigeon exhibit, which also is to be housed in the poultry division, will be the largest ever featured.

Rabbits come under "pet stock," but prizes are to be awarded in the utility class as well.

A dog show, with a silver cup up for the grand champion, is to be another attraction. An effort has been made to introduce an exhibition of silver foxes.

The juvenile club exhibit will be placed in the poultry building, but will come under another premium list.

RADIO

REGENERATIVE SET COSTLY BUT USEFUL

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

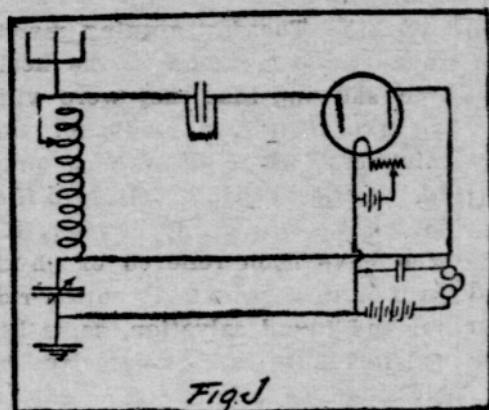
There are a great many amateurs who own and operate radio receiving sets using vacuum tube detectors who would like to have regenerative receivers. Regenerative receivers, however, are relatively expensive because of the high royalty the companies licensed to manufacture these sets pay for the use of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

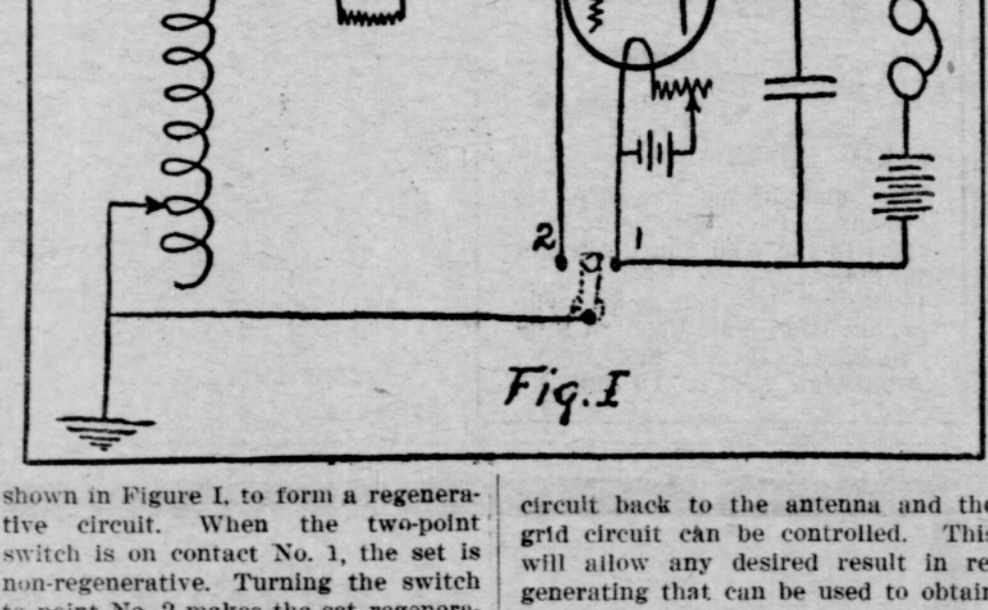
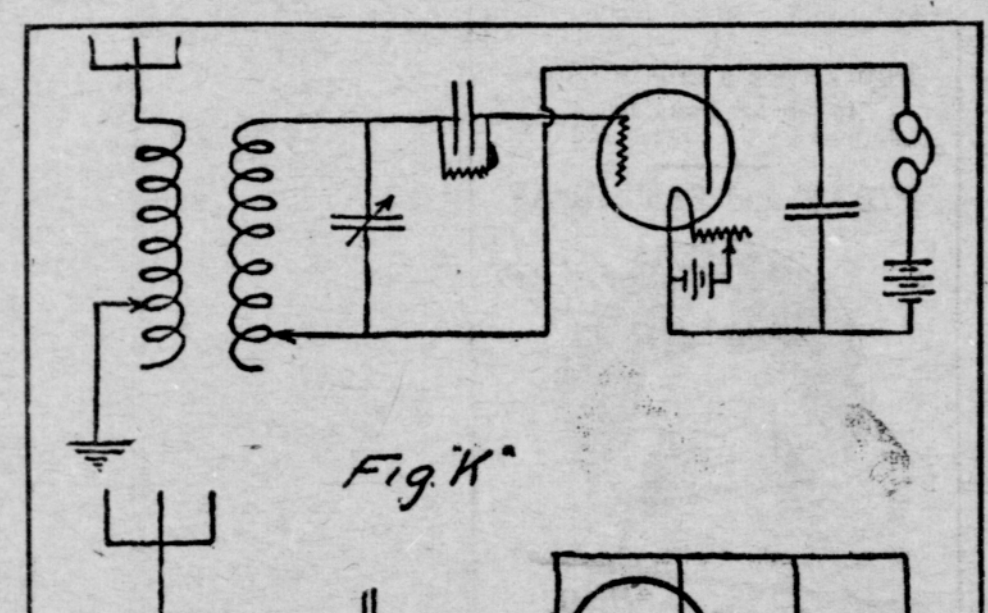
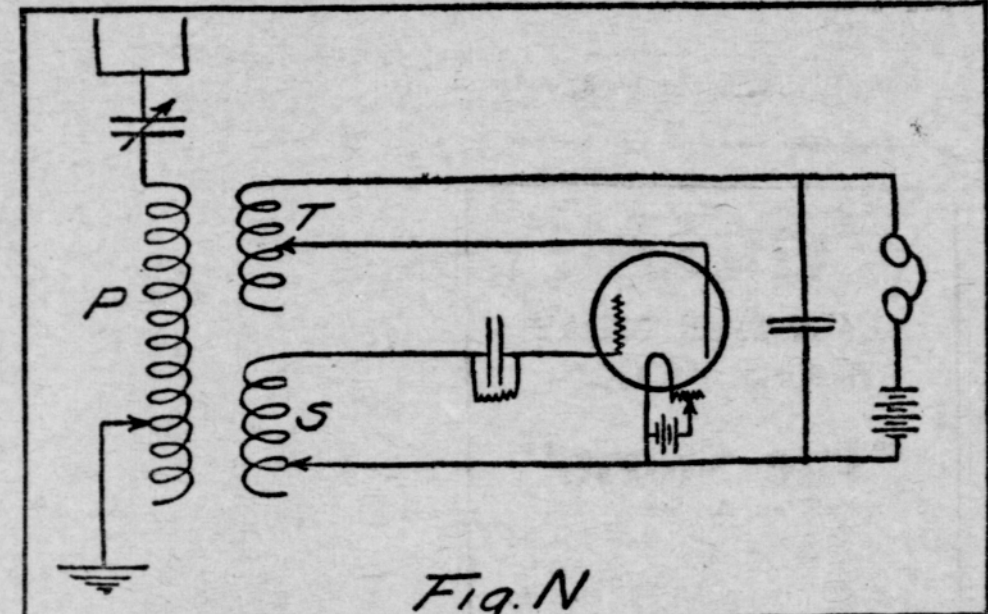
One of the best methods for converting a loose coupler into a regenerative circuit receiver, provided the primary of the loose coupler is equipped with two sides, is shown in Figure L. Here the primary of the loose coupler is used not only as a part of the antenna oscillating circuit, but also as the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



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

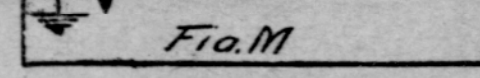
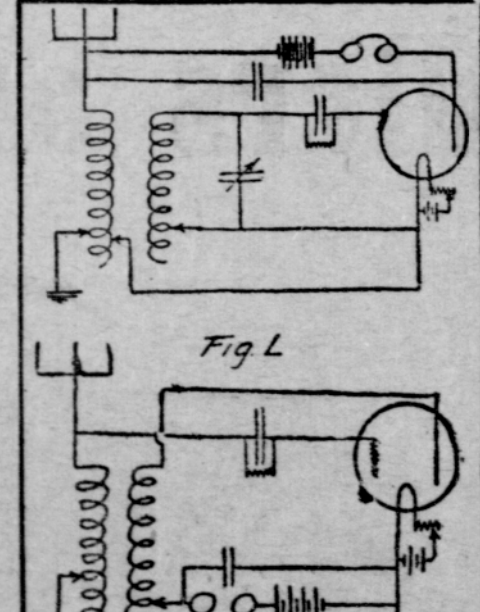
The best method of adapting a loose coupler to a regenerative circuit arrangement is shown in Figure M. The primary of the loose coupler is used for tuning as in a single circuit tuner employing a tuning coil. The secondary of the tuning coil is not connected in the grid circuit as it normally is, but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



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



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 similar 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 tickler coil than there usually are 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 "hitched" every day and never returned. The radio fans are blamed.

GASOLINE SHOWS DECLINE IN PAST HALF YEAR

WASHINGTON, Sept. 21.—A survey made by the bureau of mines shows that on July 1st, there was a decrease in gasoline stocks throughout the country as compared with figures for the previous month. On July 1st the bureau reports, there were 821,966,456 gallons on hand, which was a decline of approximately 32,000,000 gallons from the June 1st supply.

This decline, it is stated, reflects the normal seasonal drop due to the increased use of automobiles during summer months.

Statistics, the bureau of mines have received from refiners for the first six months of this year show an increase of 9.9 per cent domestic production of gasoline as compared with a similar period in 1921. The increase in domestic consumption is 6.1 per cent in excess of this amount.

OMAR CIGARETTES
20 for 20 AGAIN!

Yeast Foam Tablets
A Tonic and Corrective Food for Loss of Appetite, Indigestion, Run-Down Condition, Lack of Energy, Pimples, Boils, Etc.
Pure, whole dehydrated yeast in tablets.
Cheaper than yeast cakes and more palatable.
Bottle of 60 Tablets—\$1.10
McNair Bros.
The Rexall Store

Fresh Fish Thursday and Friday
FRUIT JARS AND TRIMMINGS
Extra thick black Mason rubbers, per dozen.....10c
2 doz. for 15c; 4 doz. for 25c
Monopole white rubbers—per doz. 10c; 3 doz. for.....25c
Economy lids, per dozen.....30c
Mason lids, per dozen.....30c
Kerr caps, per dozen.....15c
Jelly glasses, tall or flats, per dozen.....50c
Heavy, clear water glasses, each.....5c
Stone jars, per gallon.....25c
Mason jars, per dozen—pints.....90c
Mason jars, per dozen—quarts.....\$1.10
Mason jars, per dozen—half gallons.....\$1.60
Economy and Wide Mouth Mason jars, per dozen—
Pints.....\$1.20
Quarts.....\$1.35
Half Gallons.....\$1.75

PLAZA MARKET
61 NORTH MAIN STREET

A Natural Tendency
When we keep valuable papers and records in the home, we follow a tendency natural to all yet one which many have learned to avoid.
It will pay you to use our Safe Deposit Vault. It is safe, convenient and inexpensive.
The Citizens Bank of Ashland
Ashland, Oregon

BUSINESS AND PROFESSIONAL

One cent the word each time.

CONVALESCENT HOME
Cheer. Good care. Good food. Terms reasonable. 153 Granite St. Phone 411-R. 308-1mo

HELP WANTED
WANTED—Lady to do light housework. Box C, care of Tidings. 14-3

INTERURBAN AUTOCAR 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.
ASHLAND-ROSEBURG STAGE
Daily (Except Sunday)
LV. ASHLAND LV. ROSEBURG
7:00 a.m. 8:30 a.m.
12:00 noon 2:00 p.m.
Travel by stage; shortest route by 20 miles; one of Oregon's most scenic trips. Fare—Ashland-Roseburg, \$4.00; Medford-Roseburg, \$4.15; Grants Pass-Roseburg, \$3.00.
MEDFORD-GRANTS PASS
Daily (Except Sunday)
LV. MEDFORD LV. GRANTS PASS
7:45 a.m. 7:30 a.m.
1:00 p.m. 1:00 p.m.
4:45 p.m. 5:30 p.m.

Sunday Only
10:00 a.m. 10:00 a.m.
4:30 p.m. 4:30 p.m.
Grants Pass waiting room—The Bonboniere, phone 160.
Office and waiting room—No. 5

PHYSICIANS.
DR. ERNEST A. WOODS—Practice limited to eye, ear, nose and throat. Office hours, 10 to 12 and 2 to 5. Swedenburg Bldg., Ashland, Ore. 73-1f
DR. J. J. EMMENS—Physician and Surgeon. Practice limited to eye, ear, nose and throat. Glasses supplied. Offices and aurist for S. P. R. R. Offices, M. F. and M. Bldg., Medford, Ore. Phone 167
DR. MATTIE B. SHAW—Residence and office, 108 Pioneer avenue. Telephone 28. Office hours, 10 to 12 a. m.; 2 to 5 p. m., only.

CHIROPRACTORS.
DR. E. B. ANGELL—Chiropractic and Electro-Therapy. The combination does wonders. First Nat'l Bank Bldg. Phone 48-142.
"Nature abhors a vacuum" tf

MUSICAL INSTRUCTION
VIOLIN STUDIO—116 Church St. Individual instruction on violin—Serkvitz method. Orchestra and ensemble work. Harmony, theory and history. Leonard C. Pott.

TRANSFER AND EXPRESS.
FOR prompt and careful service, auto trucks or horse drays, call Whittle Transfer Co. Phone 117. Office, 89 Oak street near Hotel Ashland. 56tf

F. L. POWELL—GENERAL TRANSFER—Good team and motor trucks. Good service at a reasonable price. Phone 83

FOR EXCHANGE
FOR TRADE—160 acre unencumbered ranch on Pacific highway and county road, near Hill; small house and outbuildings; good stock or chicken ranch with plenty of wood and tillable land. Will trade for unencumbered Ashland acreage; prefer no house, but would consider acreage with small house. Eleanor Greer, 199 Granite St. 231tf

FOR RENT.
APARTMENTS—Furnished, close in, modern conveniences. Adults only. Inquire 166 Hargadine St., or phone 122. 257-tf

FOR RENT—Ber. five room furnished apartment in Ashland. Only \$30 per month if taken for school year. Call at 129 Laurel St.

FOR RENT—Six room modern house, \$20 month. Inquire new house, Pine St. 15-3*

FOR SALE.
HAY FOR SALE—By G. F. Billings.
FOR SALE—Registered milk goats, excellent milkers. Miller, Box 564. 300 1mo *

FOR SALE—Modern six room plastered bugalow, chicken house, woodshed, garage, three large lots, fruit berries, etc. Price \$2850, with terms. Inquire Fourth St. Barber Shop or 283 B street. 9-1mo

FOR SALE—Five room, modern cottage, partly furnished, built-in features, newly painted and papered, lot 50x265, berries, fruit. For particulars, inquire 372 Iowa or to owner at 502 Fairview St. 9-1mo

SWEET CIDER—Made fresh every day. Two gallons 75c, one gallon 40c, delivered. Phone 9-F-11.

FOR SALE—Bakery. A bargain if taken at once. Inquire 34 Union St. 14-6*

FOR SALE—Tomatoes. Frank Reed, Talent, Or., telephone 8F4. 15-3

FOR SALE—125 White Leghorn pullets, \$1 each; also some at 50 cents each. W. E. Reed, 298 Avery St. 15-3*

FOR SALE—Fine Banana apples, \$1 boxed. E. E. Foss, Talent, Oregon. 16-3*

W. A. SHELL BARBER
Safety blades resharpened like new. Single bit, 30c doz. Double bit, 60c doz.
Children's Work A Specialty

At Once
SEE US NOW ABOUT YOUR FIRE INSURANCE
Prorotation in taking out fire insurance has robbed many a man of his entire property. Don't be caught unprepared by the fire fiend. Your home, your business, your crops, your automobile have a very real money value.
No property is secure against destruction by fire. Let us tell you how little it will cost to fully protect you.
"When you want good insurance, talk with Billings."

Billings Agency
Established 1883
Real Estate and Real Insurance
ASHLAND, OREGON
Phone 211 41 E Main St.