

Ashland Tidings

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 Published Every Evening Except Sunday
 THE ASHLAND PRINTING CO.
 OFFICIAL CITY AND COUNTY PAPER
 TELEPHONE 39
 C. K. LOGAN, Editor

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 Six months 3.75
 One year 7.50
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 One month \$ 65
 Three months 1.95
 Six months 3.50
 One year 6.50

ADVERTISING RATES
 Display Advertising
 Single insertion, each inch 30c
YEARLY CONTRACTS
 Display Advertising

One time a week 27 1/2c
Two times a week 25c
Every other day 20c

Local Readers
 Each line, each time 10c
 To run every other day for one month, each line, each time 7c
 To run every issue for one month or more, each line, each time 5c

Classified Column
 One cent the word each time.
 To run every issue for one month or more, 1/2 cent the word each time.

Legal Rate
 First time, per 8-point line 10c
 Each subsequent time, per 8-point line 5c
 Card of thanks \$1.00
 Obituaries, the line 2 1/2c

Fraternal Orders and Societies
 Advertising for fraternal orders or societies charging a regular initiation fee and dues, no discount. Religious and benevolent orders will be charged the regular rate for all advertising when an admission or other charge is made.

What Constitutes Advertising
 In order to allay a misunderstanding among some as to what constitutes news and what advertising, we print this very simple rule, which is used by newspapers to differentiate between them: "ALL future events, where an admission charge is made or a collection is taken, IS ADVERTISING." This applies to organizations and societies of every kind as well as to individuals.

All reports of such activities after they have occurred is news.
 All coming social or organization meetings of societies where no money contribution is solicited, initiation charged, or collection taken IS NEWS.

A BOOMERANG
 Peddlers and handlers of bottled poison in all too many instances ply their trade leaving behind them a well-strewn path of death, blindness and misery, while they are hampered only in their operations by occasional terms in jail or by fines that they class as overhead or running expenses.

In a recent instance where a young man, 27 years of age, dropped dead while attending a dance, his body began to turn black within 15 minutes after life had ceased to exist. Valvular heart trouble was ascribed as the cause of his untimely demise. Members of the medical fraternity state that the remains of man in normal physical condition will not so discolor immediately following his death.

Death in any walk of life is sad, particularly so where youth is concerned. With at least 40 years before him, in which acts of kindness and deeds of honor could be performed, this young man was removed from this world by the hand of providence.

For several years he had been in trouble with the upholders of the law, chiefly on account of his propensities for dispensing liquor. Not only was he a distributor of the potent fluid, but also a great consumer. He died as a direct result of imbibing too frequently of his own wares. Retribution was certain, and of a nature consistent with his business.

BAD WEATHER IS COMING SOON! screams an advertisement in the Grants Pass Daily Courier. And Jackson county has always heard of what a modern Utopia Josephine county claimed to be, especially around the "It's the Climate" city.

NEW TOWN DEVELOPED BY WEED LUMBER CO.
 WEED, Calif., Sept. 20.—The Weed Lumber company headquarters camp is slowly developing into a town. The company has built several hundred four-room cottages. There is an excellent hospital with a physician in charge. The company maintains a store employing several clerks. There is a large office building, officials and clerks.

The camp is six miles off the railroads, a motor car being used to haul passengers over the lumber company road from the railroad to the camp.

The railroad siding, leading into the camp, is known as Leaf, while the post office, soon to be established at the camp, has been named Tendant.

SAP AND SALT
 BY BERT MOSES

When you don't know what to do, don't do it.

Gloves have little attraction for a girl with a new ring.

In explaining something to others, you make it plainer to yourself.

Your future depends much on what you are doing with the job you have now.

The dangerous thing about making changes is that they are apt not to be improvements.

There is this to said for the saxophone: It has made music as unmusical as it can ever get.

HEZ HECK SAYS:
 "Good seegars is a big help in sellin' bad merchandise."

One cent the word each time. To run every issue for one month or more, 1/2 cent the word each time.

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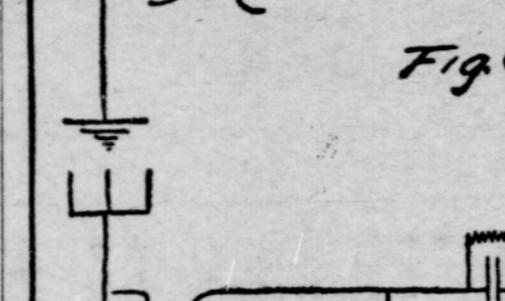
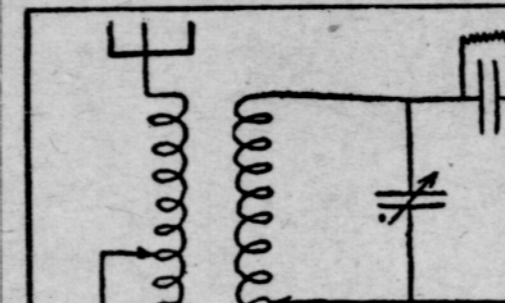
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RADIO

GREAT DISCOVERY OF EDWIN H. ARMSTRONG

Arrangement by Which Local Plate Current Is Fed Back to Grid Circuit.

An ordinary three-electrode vacuum tube used as a detector in a circuit where the input is connected to the grid and the output taken from the plate circuit will give amplification of from 5 to 15. Adding to this amplifying action the stability of adjustment of the tube gave the tube preference over the crystal detector.



However, it was not until Edwin H. Armstrong made his great discovery of a circuit arrangement which fed back a portion of the large local plate current into the circuit through which the incoming signals arrived, thereby greatly amplifying the strength of the signal, that the vacuum tube reached its now recognized position of superiority as a detector of radio signals.

The circuit arrangement by which energy from the plate circuit of a three-electrode vacuum tube is fed back to the grid circuit is known by a different name, though, on account of the different names used and the different circuit arrangements used to accomplish the same results, amateurs are very apt to become confused. Some of the names given to the circuits which feed energy from the plate circuit to the grid circuit are "Feed Back," "Regenerative," "Tackler," "Tuned Plate" and "Ultra-Audion."

In Fig. F is shown a three-electrode vacuum tube with an alternator furnishing an alternating difference of potential to the grid circuit at T.T. The plate circuit of the tube is connected to a circuit containing an inductance L and a capacity C which together form a tuned circuit between the points X and Y. By adjusting the value of the variable con-

denser C, the natural period of the circuit between X and Y can be made to have the same frequency electrically as the alternating current supplied to the grid at T.T. by the alternator. When this condition is reached the tuned circuit between the points X and Y becomes an infinite inductance in the external plate circuit. The potential variations between X and Y are now a maximum and are exact amplified reproductions of the potential variations applied to the grid circuit by the alternator.

Going back to the simple type of standard loose coupler hookup for a vacuum tube, we will have a circuit arrangement as shown in Fig. G. Suppose that the principle of the circuit of Fig. F be applied to the circuit arrangement of Fig. G. The result will be Fig. H. In Fig. H the inductance M has been placed in the secondary circuit and the inductance N has been placed in the plate circuit.

When the coils M and N are widely separated Fig. H is essentially the same as Fig. G. An incoming radio signal impresses a small difference of potential on the grid of the tube in Fig. H which in turn liberates a large amount of energy in the plate circuit.

As the coil N is brought nearer the coil M some of this plate circuit energy is transferred to the grid circuit. This reinforcement, electrically, of the incoming signal by energy transferred from the plate circuit to the grid circuit by the coupling between the two coils M and N, causes an increase in the energy liberated in the plate circuit. Coupling the two coils M and N closer and closer will cause greater and greater amplification of the in-

coming signal until a point is reached where the energy fed back from the plate circuit is just equal to the losses in the secondary circuit.

An increase in the coupling between the two coils M and N will cause the tube to oscillate. By changing the tuning of the secondary circuit, the frequency of the tube oscillations will be slightly different from the frequency of the incoming oscillations due to the received signals, and the beat note will be heard in the phones. The pitch of the beat note will be the arithmetic difference between the frequency of the incoming oscillations and the oscillations furnished by the oscillating detector tube.

The human ear is most sensitive to a note corresponding to 1,000 vibrations per second or electrically to a note produced by 500 cycles. Suppose the received signal was on a 200-meter wave length of 1,500,000 cycles. By adjusting the circuits so that the tube would oscillate at a frequency of 1,

Great Demand For Tanlac Due To Merit Alone
 It's What the People Say About It That Causes Orders for Nearly a Million Bottles in One Month—Big Seattle Druggists Elated.

The greatest test any medicine can undergo is the "repeat" sales it enjoys. Tanlac's phenomenal record has been possible because of the fact that men and women who buy one bottle invariably return for the second and recommend it to others because it has helped them.

To say that Tanlac now has the largest sale of any medicine of its kind does not begin to tell the story. No other preparation has ever approached the marvelous success of Tanlac, and in the eight years it has been on the market, 30,000,000 bottles have been sold. Between June 15 and July 15 of this year orders were received for nearly one million bottles, and it is evident that dealers are still enthusiastic over the ever-increasing demand, by the tone of letters with orders.

Stewart and Holmes Drug company, large wholesale druggists of Seattle, Wash., write as follows: "Tanlac is one of our most profitable proprietary items. We expect the carload now due will be disposed of by us rapidly. We are highly satisfied with our connection with your firm."

W. A. Hover & Company, large wholesale druggists of Denver, Colo., writing under date of July 17, state: "We are submitting today our order for the fourth carload of your goods since April 1. Taking into consideration local conditions, this demand is not only exceptional, but alone in the record of sales for proprietary articles in this section."

The tremendous popularity of Tanlac is the unquestioned and outstanding proof of its merit. No medicine of less superlative quality and effectiveness could possibly attain such a huge sales record nor gain, as Tanlac has, the unqualified endorsements of thousands of well-known men and women, in all parts of the continent, who stand for the best in their communities.

Like all great successes, Tanlac has its imitators, and although there are over a hundred preparations on the market claiming similar therapeutic value, many copying the original Tanlac advertising, the popularity of this preparation continues to grow, and it is unquestionably the most talked of medicine in the world today.

Tanlac is sold by all good druggists.

ARSON ATTEMPT FAILS IN DOUGLAS COUNTY

ROSEBURG, Sept. 20.—An unsuccessful attempt to burn the home of Sheriff Starmer was made Sunday night by an unidentified person who removed the screen from the bathroom window of the sheriff's home, and set fire to the window curtains.

The sheriff's mother and other relatives, who had retired for the night, were awakened by the smell of smoke. An alarm was turned in, and the prompt arrival of the fire truck saved the home from serious damage. A search outside the house showed plainly that some person maliciously removed the screen and set fire to the window curtains.

VINING

THE THEATER BEAUTIFUL
 TODAY, TOMORROW.



HOUSE PETERS THE Storm

From Geo. Broadhurst's sensational stage success by Langdon McCormick

Lost in the burning forest! With hungry flames licking at his heels—with the girl he loved in his arms—and with his rival overcome by the raging fires, he stumbled on, knowing he would have to go back! One of the mighty episodes in this spectacular production!

—Also—
 'POP TUTTLE'S MOVIE QUEEN' with Dan Mason

Also "Aesop's Fables and 'Topics of the Day'"

Admission 10 and 50c, incl. tax
 First Show 7:15; Second show 9

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MAN CAUSING WRECK HIGHLY COMMENDED

GOLDENDALE, Wash., Sept. 19.—E. D. Woodbury, acting relief agent for the North Bank railroad at Goldendale, has been highly commended by officials of the Oregon Trunk railway for causing a \$40,000

wreck at Redmond, Or., August 28, when a string of 34 freight cars started down the Deschutes canyon on a wild flight. Woodbury, acting agent at Redmond, was called from his bed, ran to the railroad yards, opened a switch and set the hand brakes on a string of empty freight cars standing on the side track, into which the runaway cars crashed.

REPORT OF CONDITION OF THE FIRST NATIONAL BANK

At Ashland, in the State of Oregon, at the close of business on September 15, 1922.

RESOURCES

1. a. Loans and discounts, including re-discounts, acceptances of other banks, and foreign bills of exchange or drafts sold with indorsement of this bank	\$ 588,538.91
Total loans	\$ 588,538.91
2. Overdrafts, unsecured	149.51
4. U. S. Government securities owned:	
a. Deposited to secure circulation (U. S. bonds par value)	100,000.00
b. All other United States government securities (including premiums if any)	84,878.62
Total	184,878.62
5. Other bonds, stocks, securities, etc.	238,101.69
6. Banking house, \$14,000.00; furniture and fixtures, \$4,276.57	18,276.57
7. Real estate owned other than banking house	1.00
8. Lawful reserve with Federal Reserve Bank	53,127.82
10. Cash in vault and amount due from national banks	133,118.55
11. Amount due from state banks, bankers and trust companies in the United States (other than included in items 8, 9 and 10)	16,503.62
13. Checks on other banks in the same city or town as reporting bank (other than item 12)	1,509.54
Total of items 9, 10, 11, 12 and 13	\$150,731.21
14. a. Checks and drafts on banks (including Federal Reserve bank) located outside of city or town of reporting bank	58.08
b. Miscellaneous cash items	242.02
15. Redemption fund with U. S. Treasurer and due from U. S. Treasurer	5,000.00
TOTAL	1,239,105.23

LIABILITIES

17. Capital stock paid in	100,000.00
18. Surplus fund	30,000.00
19. Undivided profits	\$ 22,321.98
c. Less current expenses, interest and taxes paid	5,857.54
20. Circulating notes outstanding	97,695.60
24. Certified checks outstanding	140.60
25. Cashier's checks outstanding	5,049.28
Total of items 21, 22, 23, 24, and 25	\$ 5,189.88
Demand deposits (other than bank deposits) subject to Reserve (deposits payable within 30 days):	
26. Individual deposits subject to check	402,632.89
27. Certificates of deposit due in less than 30 days (other than for money borrowed)	32,034.95
28. State, county, or other municipal deposits secured by pledge of assets of this bank or otherwise	100,875.27
Total of demand deposits (other than bank deposits) subject to Reserve	\$535,543.11
Time deposits subject to Reserve (payable after 30 days, or subject to 30 days or more notice, and postal savings):	
32. Certificates of deposit (other than for money borrowed)	56,918.56
34. Other time deposits	296,606.83
35. Postal savings deposits	688.41
Total of time deposits subject to reserve, items 32, 33, 34, and 35	\$454,212.80
TOTAL	1,239,105.23

State of Oregon, County of Jackson—ss. I, J. W. McCoy, cashier of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief.

J. W. McCOY, Cashier.
 Subscribed and sworn to before me this 20th day of Sept., 1922.
 (Seal) G. G. EUBANKS, Notary Public.
 Correct—Attest
 THOS. H. HIMPSON,
 E. D. BRIGGS,
 C. H. VAUPEL, Directors.

VALUE
 —expressed in high quality at low price makes it THE WONDER CAR OF THE YEAR

THE new Cleveland Six is par in motor cars—a 100% investment in style, quality and performance.

The highly refined overhead valve motor is worthy of a car costing twice as much.

Its high economy and sturdy reliability keep down the upkeep.

From headlight to tail-light there is not an apology or a compromise in quality in any Cleveland Six.

Thousands of owners know its value. Before you spend more—or even less—talk to Cleveland Six owners.

Price does not measure its Beauty, Power, Comfort

SEDAN—NOW
\$1585
 F. O. B. Cleveland
 Today's Best Buy In Closed Cars

CLEVELAND SIX
 CLASS A GARAGE
 CLEVELAND AUTOMOBILE COMPANY • CLEVELAND

Try the classified columns.