PACE TWO

ter.

Thursday, August 31, 1922



## THE 1925 FAIR

NEWS.

Portland the right to tax itself to use of all safety appliances. the extent of \$3,000,000 for the 1925 exposition.

In following this plan for finan-cing the fair, Portland is taking the Commission Job right attitude, for, though the state as a unit will undoubtedly be wide\_ ly advertised and enriched by the visitors in 1925, Portland naturally will receive the long end, especially financially. For this reason the Rose City should bear the brunt of the cost of the exposition.

Today, Portland begins a drive for \$50,000, to stage the campaign in behalf of the constitutional amendment, and in early publicity.

There are but four possible routes of entry into the state: One by way of the Pacific highway from the south, another from Seattle, the third down the Columbia highway, knead it every day. and last, by water and through Astoria.

Ashland has one of the most stra. getic positions of any one city in the state, outside of Portland, for attracting the tourists and visitors who will visit Oregon in 1925. A majority of these will enter by one route, probably the Columbia highway, and depart by way of California, taking advantage of the scenic attraction offered by Crater Lake and the Oregon caves. Those entering by way of California will pass Ashland, the first city in the state that they will encounter. Traf. fic from the south will divert itself at Portland, passing either through eastern Oregon cities along the Coland child. umbia highway, or else by way of Seattle.

If from no other than selfish rea\_ sons, this city and Jackson county should back the proposition of Portland taxing itself for the exposition, not & will not go under a consumed watt transmitting tubes. The rectilending moral support to the fair.

# THE REAL TRAGEDY

(Oregon Journal)

"Sobbing continuously, the wife at Jackson, Calif., has not left the 3 days. vicinity of the mine for 14 hours," says a news dispatch. Her five leted by the censor). children are with her.

Another dispatch says: Around a far-flung, roped\_off cir- to try another. cle of the mining shaft were the rel\_ atives of the trapped men. The tearbedewed faces of children were ev- I have ont received my alement pa- power is desired tubes must be added erywhere, while silent women, pers. aproned and hatless, waited upon tried to translate from them some inkling of hope. Some of them were never rec'd. standing in the cool night air just 21. Please tell me is he living or rectifying continuous wave radio tele-

# At Salem Needs

Major Harry Brumbaugh, of the the required current potential for the state bonus commission at Salem, operation of vacuum tube transmithas compiled a list of those "fool- ters, is by the use of a step-up transish questions, we get them every former and rectifying tubes. day," for the Oregon Guard. Some of the gems of the major's collec- on the market under the name "ken-

tion are as follows: 1. My bill has just been put in charge of a spittoon. Will he bet any more money?

2. I have a little baby and I company.

3. I ain't got no book learnint and hope i am writin' for inflamma- purchase a transformer with a fila-

am a widow and five children. 5. I have a four\_months-old baby and he is my only support.

6. Kind she or sir I enclose a lovingly yours.

7. Q. Your relation to him? A. Just a mere ant & a few cousins. 8. Please send me a wife's form. 9. I have your letter I am his lytic rectifiers are probably the cheapgrandfather and grandmother. 10. He was kept and bred in this and attention, house according to your instruction. 11. Please let we know if John

put in an application for his wife 12. I rec'd my insane polish and have since moved by postoffice. 13. You asked for my allotment 7.5 volts. Rectifying tubes known as no. I have 4 boys and 2 girls. 14. Correct my name as i could be used in conjunction with the five-

name. 15. I am writing this in the Y. M. C. A., with a piano playing in transmitting tube.

my uniform. 16. Please return my marriage transformer can be used to furnish of one of the 43 entombed miners certificate as baby has not eaten in all of the necessary plate and fila-

17. I am a poor woman and (de-

every sound and every word, and him for the elopement which I have each half of the cycle.

as they left their cookstoves and is he dead and what is his address. graph transmitter using five-watt radio-

deliver a potential that only varies son for stock-taking, not only of the slightly, due to the commutator ripple. contents of the show cases, but brain In sections where direct current is pans. used for house lighting, a motor gen-Many alert merchants are employerator set is the only practical and ing themselves with diligence along Modern Soloman satisfactory source of plate potential. these lines, because they realize more Taking first cost, maintenance cost, convenience and space required into will go to the dealers who can provide consideration, the best way to obtain service vitalized by actual knowledge.

Fig. B

When the vendor is thoroughly ground-A line of vacuum tube rectifiers is otrons." These tubes have been de-

signed to have the proper operating characteristics to rectify alternating curent for the line of transmitting tubes put on the market by the same

If radiotron transmitting tubes are used it is only necessary to build or ment heating winding and a plate cur-4. Just a line to let you know I rent winding and by the use of kenotrons for rectifiers. The entire power to operate the transmitting set can be taken from the alternating current house lighting circuit.

It is possible to use an electrolytic rectifier in order to rectify the plate potential after the 110 volt house lighting circuit has been stepped up by means of a transformer. Electroest source of plate potential, but they are sloppy and demand a lot of care

To operate the standard five-watt transmitting tube, known as radiotron type UV 202, a plate voltage of 350 is required and the plate current per tube is 45-100 of an ampere. The filament requires 2.35 amperes at kentron type UV 216 are made to

fler tubes are so designed that one rectifier will rectify sufficient current at the correct potential to operate one

Figure "A" shows how a single ment current for a tube transmitter. For those who do not wish to be bothered with the trouble and expense 18. I have been in bed with one of rectifiers, there is a circuit known doctor for 13 years and I am going be used for radio telegraphy. In

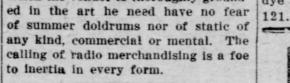
using a self-rectifying circuit at least 19. I am writing this to ask why two tubes must be employed. If more in pairs. The tubes employed are di-20. His money was kept from vided into two groups operating on

Figure "B" is a diagram of a self-

has drifted along the ledge far enough to determine that it is perma\_ and telephony. This, then, is the sea- nent.

The West End mine belongs to J C. Kesler of Anderson, Dr. F. P. Mitchell of Winters, and the Western Star lodge of Masons, of Shasta, which inherited a third interest and more that from now on the trade from one of the original locators.

> Live cleanly, press forward and 297tf



SHORT FLASHES

The Pacific coast states claim more than 25,000 owners of receiving sets. Some estimate the number at 50,000.

Dr. C. F. Jenkins, a Washington inventor, who holds the Cresson gold medal for originality in the field of invention, is at work upon the transmission of moving pictures by radio.

What the country will soon need is a radio census taker. "Some of our lads," says a Far Western enthusiast, "are picking up messages from Japan." This should make any Easterner tune up.

Doctor Marconi says presentday radio sets will be junk in ten years. So will be a typewriter, an automobile and many other kinds of apparatus. The main thing is to look out for the sets that are junk when you buy them.

Union college, at Schenectady, N. Y., broadcast its commencement exercises, including the music of the graduation ball and baccalaureate sermon. The comments of the graduating class after the baccalaureate sermon, however, were omitted.

Radio enthusiasts of Cleveland, O., must now pay a license fee of 50 cents, both for sending and receiving. The city council recently passed an ordinance requiring licensing and inspection of all radio stations. professional as well as amateur, in that city.

Stories are coming in from many directions of dogs which have become confirmed radio enthusiasts. We should think the ideal dog would be a setter who carries his tail high for one pole of an antenna. We wonder how the cat's whiskers in the set affects the canine fan.

dve well, Ashland Pantorium, Phone



Health Builder and a Health

Keeper

You'll always buy it

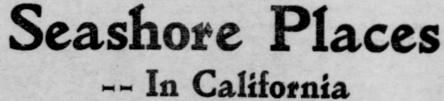
Lithia

Bakery

A. BARTOLETTI, Prop.

Just try it-

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 Kerr caps, per dozen ......15c Heavy, clear water glasses, each ..... 5c 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 ......\$1.354 Half Gallons ......\$1.75 **PLAZA MARKET** 

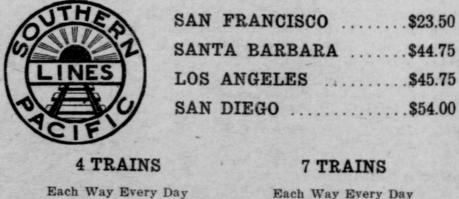


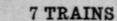
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