

Newberg Graphic

E. H. WOODWARD
Editor and PublisherPublished every Thursday morning
Office: Graphic Building, No. 600 First Street
Phones: Office, White 33; Residence, Blue 37Entered at the postoffice at Newberg, Oregon,
as second-class matter.

\$1.50 Per Year in Advance

THURSDAY, NOVEMBER 28, 1912

The season for the annual sale of Red Cross seals is at hand. The proceeds go for the benefit of the anti-tuberculosis movement, and the appeal will doubtless meet with hearty response on the part of the public.

"Pat" McArthur, of Portland, is an active candidate for speaker of the house in the coming session of the legislature. He held this position four years ago and gave such good satisfaction that he will doubtless make the other candidates hustle for the place.

If you are in any way interested in maintaining a lyceum course in Newberg, it will be a very practical way to demonstrate it by purchasing a ticket for the second number, which will be given Thursday night, December 5.

Grant B. Dimick and W. S. U'Ren have each announced themselves as candidates for governor. Both are Oregon City men. Dimick is a Republican and U'Ren is a disciple of Jonathan Bourne and a Single-taxer in the employ of the noted manufacturer of soap. There is time for a lot of things to happen between this and the date of the election, two years hence—time in fact for the goblins to get busy with both these early birds.

The Southern Pacific don't appear to be rushing the work of electrifying the Yamhill branch line at a rapid fire rate, but with the service the company is giving Newberg, we have no kick to make. The fact is, better coaches are being used on this line than one will find on many of the roads running out of Indianapolis, and four passenger trains a day each way between Newberg and Portland, makes communication with the metropolis quite easy.

In order to awaken a wider interest among the farmers of this community in intensive farming, W. S. Wharton, president of the First National Bank, makes an offer, as will be seen elsewhere in the Graphic over his own signature, to pay the actual expenses of five young people from farmer's homes who will signify a willingness to attend Farmers' Week at O. A. C. The offer is a very liberal one and Mr. Wharton should have no difficulty in finding this number of young men and women who will be glad to take advantage of his liberality. During this week many lectures will be given that will appeal to those who are interested in new and up-to-date methods. Dr. James Withycombe will deliver six lectures on "Agricultural Opportunities"—co-operative marketing, dairy herd improvement, care of horses, livestock as a factor on the dairy farm, and general stock problems. Dean Calvin, of the Home Economics department, will give five talks to women visitors on the influence of food on health and disease, the physical condition of the child in school, and three demonstration lectures on bread making. Dean Rexel, of the school of commerce, will speak twice on farm business methods and household finance accounting. Many other interesting subjects will be handled by different speakers and the week will be full of good things that will appeal to those who are interested in life on the farm.

WILL RECREATE FUEL

Intensive cultivation is to supply the world's fuel hereafter, and again science has stepped in to solve the problem which has been puzzling mankind, says the Eugene Guard.

The fact that the chemists of the world can make wood grow has been successfully demonstrated by Dr. David T. Day, of Washington, petroleum expert for the United States geological survey and government representative with the 200 members of the International Congress of Applied Chemistry, who are touring the country at present. By the system evolved by Dr. Day, wood can be made to grow by the proper use of sunshine and the introduction of necessary ingredients into the native soil. Forests treated by the intensive method will grow seven times faster than wood can be used for heat, and there is therefore no limit to the amount of fuel which can be produced.

The hue and cry as to the dangers confronting us as the present coal supply is exhausted will subside as soon as governmental experts can successfully demonstrate the theory of intensive cultivation. Several important discoveries have been made along this line in the growing of hot-house products. When outdoor vegetation can be made to respond to fertilization, as hot-house plants do to the introduction of heat, then the reforestation of the country will be assured.

It is refreshing to read that a Eugene man was given a fine of \$25 the other day for being drunk and disorderly on a railroad train. Heretofore the traveling public has been forced to put up with disgusting exhibitions on the part of drunken men who were permitted to ride with decent people in passenger coaches, and relief from this nuisance is long over due. At the last session of the legislature a bill was enacted into law, making it an offense for a railroad company to carry a drunken passenger in a passenger coach, and the railroad commissioners recently served notice on the various roads doing business in Oregon that the law must be respected. That is right. If men will insist on making hogs of themselves, let them take passage in apartments specially arranged for transporting porkers.

A girl in her teens with too many and too costly clothes on her back, gets self-conscious and vain, and loves admiration, and you grown-ups know the next step, says J. Knox Hall. A simple pure-hearted girl who has a place in the home, home work and home duties, has her heart there and no boy can steal it. Even when maturity comes and a real man comes and a real affair of her heart comes, will such a girl leave home and then only after heart rending. But a girl who is at home only at the table and in bed won't love that home. Work makes things sacred. The child whose home memories are not haloed by work, who is not needed and does not feel the need, will not love home. And if she doesn't love the home of her girlhood she will possibly love no other. She will go anywhere for anything. Home will mean nothing to such a woman, and if she is respectable she will only lack the opportunity to be a bad woman and is good only through circumstances or by the necessity of an ugly face. She will curse any man who marries her.

A Portland citizen has been looking Newberg over with the intention of starting a goose farm. Much could be said favorable to such an enterprise in Newberg, but we refrain—it might give offense.—Telephone-Register.

Fire away, but a McMinn-villian need not expect the white feather to be shown.

A SURGICAL PROBLEM.

By the Aid of Wireless Telegraphy It Was Happily Solved.

A perplexing medical problem was picked up one day by the wireless man of the steamship Parimina while crossing the gulf of Mexico. A bad accident had befallen the patient and only a surgical operation could save his life.

The wireless call came from the island of Suma, well out of the path of regular ships and hopelessly far from any shore station. Here lived a small colony, Crusoe fashion, engaged in mining phosphates. An occasional tramp steamer was their only means of traveling to and from the mainland, and there was no doctor in less than a week's sail. A narrow gauge railway carried the phosphates from the mines to the coast, and one of the workmen, the wireless message ran, had been run over and his foot almost severed from his leg. Suma, luckily, had one modern convenience—a powerful wireless station—and this had flung the call for help far and wide across the gulf. The patient meanwhile was rapidly growing weaker from loss of blood.

The officers of the Parimina held a hasty consultation. The island was just 110 miles away and off the course, and it would mean loss of time and money to turn about.

"Leave this case to the wireless operator and me," said the ship's doctor.

A wireless message was thereupon sent out, signed by Dr. C. S. Carter of the Parimina, asking for all the details of the patient's condition. The commander of the ship, Captain Mader, added that he would call at the island if it proved absolutely necessary. All this was the work of but a few minutes. The doctor transferred his office to the wireless room in order to save time in communicating with his case. The reply came back directly. The toes were held only by a few ligaments, and the patient was weaker. His pulse was given and his temperature, then the doctor set to work.

A long wireless message told the amateur surgeons just how to prepare a strong antiseptic and wash the wound. This was done, and the island station "stood by" for further orders. A still longer message was then clicked off, describing just how to cut away the injured part and to bind the arteries with a ligature to prevent loss of blood. There was an anxious interval in the wireless booth awaiting the reply from Suma. The next message to the ship told that the hemorrhage had ceased and immediate danger was over.

There remained, however, the danger of infection, and the doctor of the Parimina directed that regular readings be made of the patient's temperature and his condition reported at frequent intervals. He was thus able to watch his patient closely for any symptoms of blood poisoning. The wireless treatment went on continuously until the steamer was 420 miles away, when Dr. Carter was able to dismiss the case.—Francis A. Collins in "The Wireless Man."

A Warm Tribute.

It was in a little country town in the west of England, says the Bristol Mirror, and Mr. Goodman, excellent citizen and kind hearted man, allowed himself much against his own will to be chosen mayor for the fourth time. After the event, he met Mr. Jones, one of his warmest admirers, who shook him heartily by the hand.

"I'm right sorry, Mr. Mayor," said the worthy man, "they've putten on you the trouble of officiating for another term, with all your many calls and worries of business. A far worse man would have suited us—but that was just the trouble. We couldn't find him, and it's my opinion as he ain't to be found."

The World's Building Wonder.

The biggest and most mysterious building job on record may be said to have been the construction of the great wall of China, planned by the Emperor Chin Ize Wang, 214 B. C. The length of the wall was 1,250 miles, up hill and down dale, with a width and height of fifteen and twenty feet respectively. How the wall was built of brick and granite in a region entirely destitute of clay to make the former and bare of the latter is a problem which has never been solved. Fifty thousand men were employed in its construction.

The Simple Bride.

Bride (after the return from the bridal tour)—I see by this medical work that a man requires eight hours' sleep and a woman ten.

Bridegroom—Yes, I've read that somewhere myself.

Bride—How nice! You can get up every morning and have the fire made and the breakfast ready before it is time for me to get up.—London Tit-Bits.



You Are The Man

To look after your business. Merchandise well bought is an item to consider. Here's two staples with us:

40 inch American Fence-at.....32 cents per rod

Jersey Cream Separators, 500 pounds capacity, for \$45.00

Our big store is full of stock priced just as good. Investigate our goods, our prices and our methods of doing business and you'll find we're taking care of the people who give us their confidence. We guarantee you satisfaction or your money back on every article purchased from us. Remember Xmas is coming and if you watch our window you'll get some good suggestions for your shopping.

LARKIN-PRINCE HARDWARE CO.

FIRE! Often Destroys Notes

and other valuables which cannot easily be replaced. Use one of our Safe Deposit Boxes and be secured against loss.

One ENTIRE VAULT Used for Safe Deposit Boxes Only

Most Modern, Convenient, Secure and Private. We'll be pleased to show you

The First National Bank

THE ELECTRIC FUSE.

Its Flash and Smoke and Burning Out Mean Safety, Not Danger.

The flash, smoke and sometimes total darkness which accompany the burning out of an electric fuse are frequently the cause of considerable alarm to persons unfamiliar with the operation of this essential little device, which, like a charge of powder, achieves destruction in the performance of the act for which it is created. In effect the fuse is a safety valve, serving the same end as the steam safety valve—relieving a dangerous pressure—and the flash and smoke are a sign of relief, not of present danger.

The "fuse" is simply a short section of wire of such material and size that it will carry a determined amount of electric current and no more. When the maximum voltage is exceeded the fuse is consumed, the connection broken and the current, of course, cut off, putting a stop to the operation of the system until a new fuse is put in. This is the effective but somewhat primitive form of electric safety valve in general use.

A recently discovered property of some metals, such as aluminum and magnesium, however, makes it possible to construct an electric safety valve which possesses the advantage of that found upon the steam boiler—the ability to perform its functions without self destruction. If two aluminum plates be immersed in any one of various liquids and a current be sent through the combination the flow lasts only for a fraction of a second, for an insulating oxide is formed on the metal surfaces.

An increase in voltage causes a short resumption of flow and another stoppage due to a thickening of the insulating layer. This goes on until the current reaches 400 volts, when the insulation is permanently broken down. By coupling several cells in series this limiting voltage may be increased as desired. Thus a series of ten will not allow the current to pass freely below 4,000 volts. If such a series be connected to a transmission line at one end and to the earth at the other it will divert part of the current to the ground as soon as the voltage exceeds 4,000 and "close up" again when the pressure drops below this limit, thus acting precisely like the safety valve of a steam boiler.

This system is in use on transmission lines of high voltage, but for individual wiring systems the burn out fuse is still the accepted thing, and one or two will be found between every feed wire and the building which uses electric current for light or other purposes. If lightning strikes a feed wire the fuses will all be burned out and so prevent the lightning from passing into the buildings by means of the wires.—Harper's.

True Christmas Gifts

JEWELRY is the GIFT OF ALL GIFTS

Never before was our line so complete

And we are here to stand back of every article sold. Our name on the box makes the Gift doubly prized. Engraving Free. Engraving Free

C. A. MORRIS, Optometrist

Eastern Oregon

Farms and Stock Ranches to Exchange for Valley Farms or Town property.

160 ACRES wheat land in Sherman county, Oregon
Price.....\$4000.00
171 ACRES stock ranch, trade for house and lot,
Price.....\$2800.00
\$3000 Residence, good valley town. Want 40 Acre farm and pay cash difference.

WHITE & COMPANY

705 FIRST STREET

Rose Bushes!

If you are thinking of Roses for your garden write, call or come to

East Side Greenhouse

We have what you want in the shape of a large collection of fine strong plants at prices that are right for YOU. For your room adornment some beautiful ferns in many varieties, also other potted plants.

To make your garden beautiful Spring, Summer and Autumn plant hardy flowers. We have them.

Phone Blue 202 JOHN GOWER