

NEWBERG GRAPHIC.

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E. H. WOODWARD, W. C. WOODWARD,
Editors and Publishers

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The attention of our readers is called to a half page advertisement in this issue which tells of a premium offer we propose to make for a short time, with the expectation of adding many new names to our subscription list. The Graphic is worth \$1.50 a year and that is the price we propose to adhere to. In fact no local paper can be published in Oregon and made as good a paper as the Graphic for less money, but as an inducement to new subscribers we propose to give the Farm and Fireside as a special premium for a short time. Old subscribers must be treated as well as new ones and consequently all who will pay up to January 1 and one year in advance will be entitled to the premium. To old subscribers this offer will hold good up to the first of January, while new subscriptions will be received with premium given up to February 1. The Farm and Fireside is no cheap story paper but is one of the cleanest and best farm and family papers published. Tell your friends about our offer and ask them to investigate it at once. Sample copies of the Farm and Fireside may be seen at this office.

Just a little extra attention paid to a boy or girl as you meet them from time to time will make them your friends for life.

Leopold, King of Belgium, is reported sick unto death. Few good words can be said for him while living. Possibly the officiating priest may, by straining a point, have something complimentary to say of his reign at the grave.

Some six thousand wild animals and birds are reported as having been sacrificed to the greed for Gore by the Roosevelt party in Africa, to say nothing of the thousands more that were wounded and crawled away to suffer and die later. The party is soon to return, though in the eyes of many, not covered with any very great amount of glory.

Prices on fruit and farm lands around Newberg are very much higher comparatively than the prices asked for Newberg property. In fact prices on Newberg real estate have never been advanced at the rate prices have gone upward in other valley towns of the same size. Residence and business lots are worth the prices asked and it is a good time to buy.

Ask anyone who has ever read Farm and Fireside and they will tell you it is a splendid farm and family paper. The Graphic gives it as a premium to new subscribers, and old subscribers can also get it without extra cost. All we ask is that subscriptions be paid up to the first of January and a year in advance. It is an easy way to add a good, clean paper to the family reading circle. Try it.

Will E. Purdy and others are fathering a scheme through which they call the "Tri-County Push Club," which means Clackamas, Yamhill and Marion counties, for bridging the Willamette at Butteville. The ambition is a landable one and if they do nothing more than to put a little push into Butteville they will add several stars to their crowns. Keep your eye on Butteville.

Senator Pettus, of Alabama, 86 years of age, when asked what vocation he would choose if he were again beginning active life, replied: "The calling of a farmer; I would purchase a nicely located farm, and settle down to farming as a life work, thus guaranteeing to my loved ones and myself the happiest hours, with a full measure of usefulness."

The school enumeration of Newberg shows up with a total of 1010 children of school age, which is 168 in excess of the McMinnville enumeration. The territory in each district outside of the towns is about the same. This puts Newberg in the list of districts of the first class, the only one in the county, and at the next election two more directors will be elected, making five in all.

The crop of "first white babies born in Oregon" has become so numerous of late years in tallying up for the roll of honor that George H. Himes, the walking encyclopedia of pioneer history in the Northwest, published in Wednesday's Oregonian a long list of "early birds," dating back to the early thirties. Those who care to keep a tab on these early events will do well to save this list for the scrap book.

Housewives with the economy bump well developed will treat the old stubby broom with a good deal of consideration when dealing with obstreperous husbands, since dealers tell us that the crop of broom corn produced last season was not sufficient to make enough pursuaders with the brushy appendage to go round. If the retail price of brooms continues to soar it may be advisable to resort to the use of a stuffed club in extreme cases, in order to bridge over until the next crop of broom corn is harvested.

A business man who has rubbed up against the world and all kinds of men, says: "You may be smart, shrewd, long-headed, cunning; you may be a good scholar, very brilliant, but are you sound? That is the question everybody who has any dealings with you will ask. Are you substantial, solid? Have you a level head? Everywhere we see men who are very brilliant out of work; plenty of sharp men who wonder why they do not get responsible positions. But people are afraid of these one-sided, poorly balanced men. People want to feel that a man in a responsible position can keep a clear brain and level head no matter what comes; that he is sound to the core."

There are papers and papers published for boys and girls, for young men and young women, but The Youth's Companion still holds its place at the head of the list. A position which it has occupied for the last forty years. Young reader's hunger for stories which take them into the other half of the world—the world of adventure, of valor, of fortune-making. The problem is to give them such reading without putting into their hands the literature that is either silly or demoralizing. The editors of The Youth's Companion believe that a periodical can be made entertaining and yet "worth while," and The Companion is conducted on that theory. And that is one reason why more than half a million American families read it. The paper is safe, but not dull. Its tales of adventure illustrate the advantages of fortitude and self-reliance. Its stories of character lay stress on the truth that right conduct is never a mistake.

Newberg does not need more city ordinances, neither does the state of Oregon need more laws passed nearly so much as the town and state needs more good citizens with moral stamina and the necessary backbone to see that the laws we now have are

enforced. It is an easy proposition for very good people to stand on the corners and complain about the lack of law to govern the masses, and all the while pat themselves on the back for their loyalty to good government as they see themselves, but it is quite another proposition to put themselves in the way to see that prosecutions are made for violations of law. Men of this type will often volunteer information when behind the door, but ask them to figure in the prosecution and almost invariably the answer will be, "No, no, I don't want to be mixed in it. Don't mention my name."

In Southern California the saloons have been having hard sledding for several years and many of the growing cities, such as Pasadena, Redlands, Riverside, Whittier, Santa Anna and Long Beach have been getting on without saloons, and now it is gratifying to note that the same sentiment is beginning to prevail in the Northern part of the state. In a recent election held in Siskiyou county out of a total vote of 1431 there was a dry majority of 173. The population is limited and the vote cast in the various precincts was light. For instance in Algolah precinct seven votes were polled, all wet, while in Brownell precinct ten votes were cast, all of which were dry. The good work goes on, though at times it seems slow, and the day is not far distant when nearly all the territory outside the large cities, where the foreign element is strong, will be closed against licensed saloons. And the day is not very far distant too when there will be such a demand made on congress that a bill will be passed, forbidding the shipping of intoxicants from wet territory into territory that has been voted dry. Such a step is long over due, and it remains to be seen just how long the liquor interests will be able to control enough votes in congress to prevent the passage of such a law.

THE ULTRA MICROSCOPE.

It Detects Objects Whose Size or Shape Cannot Be Seen.

It will come as news to most people that science has invented instruments that go two degrees beyond the most powerful microscope in detecting small objects. The first of these is known as the ultra violet microscope. This takes advantage of the fact that a photographic plate can often see things that the human eye cannot, and for the following reason:

Things cannot reflect light and consequently cannot be seen that are smaller than the smallest wave length of light that falls on them. Violet light is the smallest that can be possibly seen with the human eye. But there exists a much smaller wave length in the part of the spectrum not visible to the eye called the ultra violet light. This has the peculiar property of affecting a photographic plate just as any other light would, so that we get a true picture of the minute object that is under examination.

Thus the deficiency of the eye is made up for by a mechanical invention of the human brain. This ultra violet light, though not detectable by the human eye, is easily seen by small animals and insects. It has been tried with great success on ants especially. With this ultra violet microscope the smallest objects that can be photographed with definiteness of dimensions are brought out with wonderful distinctness.

But there is one other instrument that can detect much smaller objects, though their shape or size cannot be seen, and that is known as the ultra microscope. This takes advantage of the fact that a small object will scatter any light that falls on it. To make the meaning clear, all of us have noticed a beam of light entering a room full of floating dust particles. We see only the dust particles in the beam of light. The reason we see them is because each little particle scatters the light that falls on it in all directions, and some of the scattered light enters the eye.

This is the principle on which the ultra microscope is based. Light is made to fall on the object in such a way that none of the direct light can enter the eye. Then the parti-

cles appear as small points of light. In this way it has been proved that the coloring in red glass is not diffused, but consists of thousands of little red particles close together.—St. Louis Republic.

Get a Prize.

Wertheimer, a London art dealer, was one day passing through Mayfair when he noticed a sale about to take place of the "furniture and household effects of a deceased nobleman." He walked through the rooms where dealers were critically examining choice specimens of undoubtedly genuine Chippendale and Sheraton, interspersed among early Victorian furniture, his eyes apparently dwelling on nothing. But when the sale was about to begin he asked the auctioneer if he would take £5,000 (\$25,000) for everything in the house. The offer was accepted. "Now you can resell everything for me," said Mr. Wertheimer, "except this," and he took down from the mantelpiece a dirty ornament some nine inches high and put into his pocket. It was a piece of the rarest Dresden china, bearing the coveted mark of the wand of Aesculapius, which he afterward sold for \$50,000.

Dodged a Scolding.

She—George, did you mail that letter I gave you last Monday morning?

He (cornered, but fertile in expedients)—No, I didn't. And, what's more, I demand to know its contents.

She (amazed)—Why, George, what's the matter?

He (inwardly delighted)—I'm jealous—that's what's the matter—madly, desperately, insanely jealous!

She—You dear old goose! It's only a letter to Cousin Sue.

He (apparently much relieved)—Is that all? How foolish of me! I'll go out and mail it at once.—Exchange.

What Makes Electricity?

Lots of other people would like to know what makes electricity, but nobody does know it. We know a good many things about electricity, just as we know a good many things about life. But we do not know what makes the difference between a dead tree and a live tree, although we know the difference perfectly. Just so we know it is dangerous to touch what we call a "live wire," because electricity is passing through it, but we do not know what electricity is. We know how to make electricity do wonderful things for us, but we do not know what "makes electricity."—St. Nicholas.

His Question.

A party of young men were camping, and to avert annoying questions they made it a rule that the one who asked a question that he could not answer himself had to do the cooking.

One evening, while sitting around the fire, one of the boys asked, "Why is it that a ground squirrel never leaves any dirt at the mouth of its burrow?"

They all guessed and missed. So he was asked to answer it himself.

"Why," he said, "because it always begins to dig at the other end of the hole."

"But," one asked, "how does it get to the other end of the hole?"

"Well," was the reply, "that's your question."

REAL ESTATE

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Illinois Pure Aluminum Ware

which contains a large assortment of appropriate Christmas presents. This is the very best aluminum ware on the market today. We expect to have here by Saturday a pretty bunch of

Cut Glass

This was bought in the Chicago market without the profit of the middlemen and we can save you great big dollars on every piece. You don't have to carry it from Portland, either.

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WE offer for your inspection an entirely new and exclusive design in Community Silver

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It is an exquisite reproduction in silver of the delicate lines and chaste motifs characterizing the later French Renaissance period, while in simple richness—the first requisite for beauty in table silver—it approaches and in many cases surpasses, the most beautiful examples of sterling ware.

Made only in a plate heavier than triple. Costs no more than ordinary plate.

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