

The Chemical Detective.
Great is the chemist. A glue factory, which was proud of the sticking qualities of its glue, received many complaints that its glue was not sticking, and the manager believed it was not his product that was at fault, but glue made by some other concern and falsely represented to be his.
The chemist was asked to find a remedy. He made a slight change in the process of manufacture, so that when a certain chemical was applied to the glue any time after it had left the factory the glue would immediately change to a certain color. Salesmen were then given bottles of this chemical. Whenever they were told that their glue had failed they asked to see the faulty work and then dropped some of the chemical on the dry glue. If the proper color appeared it was their glue, otherwise it was a competitor's.
If the customer doubted the test the salesman could prove the fairness of it by trying it on any of his firm's glue. This stopped the complaints.—Saturday Evening Post.

Interstellar Space.
That interstellar space is not absolute void, but is partly filled with particles of matter, however small or invisible, is the theory that an American astronomer has evolved through the study of comets.
His theory is based upon the fact that all bodies fall at the same rate in a vacuum, but in the open air lighter bodies are retarded by friction and fall at a slower rate. If interstellar space were a vacuum all stars, comets and planets would keep the same relative position and speed. But if it were not a vacuum the lighter celestial bodies, such as comets, would tend to be retarded by friction and fall behind the larger and denser bodies.
This retarding would be most noticeable at the part of the comet's orbit which is farthest from the sun, and the comet would tend to change its movement at this point and assume an individual direction. This hypothesis seems to be borne out by his observations.—Popular Mechanics.

Rough Training at Eton.
Early in the last century many boys at Eton, England, had to undergo a rough training. An old Etonian who left the school in 1834 describes his experiences there as "worse than that of many inmates of a workhouse or jail. To get up at 5 on freezing winter mornings; to sweep their own floors and make their own beds; to go two by two to the pump for a scanty wash; to eat no mouthful of food until 9 a. m.; to live on an endless round of mutton, potatoes and beer, none of them too plentiful or too good; to sleep in a dismal cell without chair or table—such was the lot of boys whose parents could not afford to pay for a private room. Some of these underwent privations that might have broken down a cabin boy and would be thought inhuman if inflicted on a galley slave."

Ancient Egyptians.
That the ancient Egyptians were not negroes is certain, and it is equally certain that they did not belong to the Semite or Jewish race. Said the late Professor Huxley: "I am not aware that there are any living people who resemble them, except the Dravidian tribes of central India and the Australians, and I have long been inclined to think that the latter are the lowest and the Egyptians the highest members of a race of mankind of great antiquity, distinct alike from Aryan and Turanian on the one side and from negro and negrite on the other." In a word, nobody can say with any degree of assurance what breed of men the builders of the pyramids were.—New York American.

Explorer's Remarkable Feat.
Sir James Barrie's affection for explorers is no new thing. All who know his "Edinburgh Eleven" will remember the eulogy of Joseph Thomson, the Dumfriesshire Scot, who did pioneer work of the Livingston kind in Africa. It is a fine pen picture of a dour, brave man, but it has flashes of the early Barrie. This, for example: "Perhaps his most remarkable feat consisted in taking a bottle of brandy into the heart of Africa and bringing it back intact."—Glasgow News.

Your Silver Teapot.
When the inside of a silver teapot starts to tarnish the following idea is very good to make it look like new: Put a large piece of washing soda into the teapot and fill with boiling water. Then boil it for one hour over a spirit lamp and you will find it will become as bright inside as out, and the soda will not injure the silver in any way.

His Chief Objection.
Turning to the newspaper reporter, who was his passenger, the aviator exclaimed: "It's all off; the propeller is broken, and we are doomed to fall 6,000 feet!" "Great guns!" cried the reporter. "I hope we don't fall into the water. I can't swim a stroke!"—Lippincott's.

Strength in the Arms.
Equality of strength in both arms occurs almost twice as frequently with women as with men, more men than women being stronger in the right arm than in the left.

Agreed.
She—So they returned your manuscript. It is too bad. He—Yes; that's what the editor said about it.—Boston Transcript.

Five Buttons.
Chinese coins have five buttons, signifying the five Confucian virtues—humanity, justice, order, prudence and rectitude.

Why Be a Rent Slave?

With a moderate payment you can secure a choice lot in Milapoo Park and at a little further expense you can own your own home and have no fear of the appearance of the landlord the first of each month. It's the only system!

W. B. COOPER :: Cottage Grove, Ore.

Neighborhood News

Mountain View.
(Special to The Sentinel)
Jan. 6.—Wade Mosby, who has been visiting relatives here during the holidays left Thursday for Wes Christman's to spend a few days before returning to Disston.

Miss Carol Sams visited on Row River Thursday.
Willard Morris spent New Year's at the mill.
School began again Monday after a two week's vacation.
Beryl Prophet visited Add Heath last week.

Mrs. Jessie Scott went to Eugene Thursday and returned Friday.
The Union Sunday School which was organized recently, is progressing, with much interest shown by all. The entertainment given Christmas for the benefit of the Sunday School was attended by a large crowd and was a success in every way.

Mrs. Heath, Jessie Scott and Jean Mosby spent Tuesday at the Charlie Sears home.
The wind storm Thursday night did considerable damage to the nearly completed flume of the Hoe Lumber company.
Rev. Broadbooks preached at the Mountain View School House Sunday afternoon.

WALDEN.
(Special to The Sentinel)
Jan. 6.—Mrs. D. H. Brumbaugh is visiting relatives in the Grove.
Mr. and Mrs. L. A. Chamberlain were in Cottage Grove Saturday.
Miss Fannie Dugan visited at the Jasper Patten home a few days last week.
School has resumed after a two week's vacation.
Horatio Mosby visited several days of last week at Walden.

R. H. Mosby returned to Corvallis one day last week.
Mr. and Mrs. M. A. McKibben visited at L. A. Chamberlain's Sunday.
Mrs. Floyd Jones and baby were in the Grove Saturday.
Mrs. Frank Hartzel spent several days of last week in the Grove.
Ed Jones and daughter Virgie were in the Grove Monday.
J. E. Damewood is suffering with a felon on his thumb.
Mr. and Mrs. Preston Smith were in the Grove Monday.

DORENA.
(Special to The Sentinel)
Jan. 6.—The Dorena High School teacher, Miss Lilly Black, surprised her students by being married during the holidays. She married Mr. Philip B. Roberg of Portland. A large crowd serenaded the newlyweds Monday night.
Mr. Leo Wilson left Monday morning for Wendling, where he will work in the camps.
The Christian Endeavor Society had a watch party at the J. H. Kirk home Wednesday night. An enjoyable evening was spent. Dainty refreshments were served at twelve o'clock.
A large crowd attended the basket ball game between Dorena All-stars and Walden boys Saturday evening. The Dorena All-stars carried off the honors by the score of 10 to 8.
There was a party at the Geo. Shields' home Wednesday night.
Mrs. Green Pitcher and daughter Dolly, and Mrs. Lee Sullivan of Cottage Grove visited at the J. H. Kirk home Saturday and Sunday.
Mr. and Mrs. Chas. Willain returned

to their home in Waltherville Saturday, accompanied by Mrs. Willain's parents, Mr. and Mrs. Chas. Jennings, who will visit them for a few days.
Jas. Redford of Cottage Grove was a Dorena visitor Saturday.
Among Cottage Grove visitors from here Saturday were J. E. Holstrom, Emit Kirk, Mrs. Ethel Wilson, Miss Maude Shields, Miss Fern Jennings and Faye Jennings.
George Knox, the game warden, was up the river on business Sunday.
The Baptist Sunday School has discontinued and will hold their services with the Presbyterian Sunday School in the future.
All the Sunday Schools of Row River will have an all day meeting at the church Saturday. Every one is invited to come bringing lunch.
Miss Florence Green came out from Cottage Grove Saturday.
Paul Landwehr went to Cottage Grove Saturday.

Blue Mountain.
(Special to The Sentinel)
Jan. 6.—Carl Rosine returned to Portland Wednesday after a two week's vacation spent at home.
Thomas Patten returned to his work at McMinnville the latter part of last week.
George and Rose Durest came home from Woodburn Friday after a week's visit.
The Blue Mountain Sunday School elected officers last Sunday for the coming year as follows: John Allen, superintendent; Mrs. C. Rosine, assistant superintendent; Miss Gladys Ladon, secretary; and Miss Edith Landwehr, organist.
F. Whippis and T. B. McGuire were in the Grove Saturday.
John Allen went to the Grove Saturday.
M. C. Robbins bought a horse of the Van Gordon Brothers last week.
Charles Whippis had some dental work done in Cottage Grove Friday.
R. W. Ward was in Cottage Grove Sunday.
Rev. H. Barnhart will hold services at the Blue Mountain Church at 7:30 Saturday evening, 11 o'clock Sunday morning and 7:30 p. m.; young people's meeting at 6:30 p. m.; Sunday School at 10 a. m. Everybody invited.
Miss Pearl Demorest came out from Cottage Grove Sunday.

Walker and Lynx Hollow.
(Special to The Sentinel)
Jan. 6.—A watch party was given New Year's Eve at the home of Sarah LeJoy.
T. R. Orr was in the Grove last week on business.
Some of the Lynx Hollow young folks attended a party at Saginaw last week.
The young people of the Hollow enjoyed Friday evening at the home of W. E. Walker.
A number of folks went to Creswell for the masquerade dance New Year's night.
Mrs. Marvin Jackson and daughter Lucille went to Junction City last Friday.
Miss Ethel Petty of Creswell visited at the home of S. B. Jackson last week.
Mrs. Dresser of the Hollow is at her daughter's home near Salem.
George Tuler returned from Medford last week.
Miss Jane Gilchrist returned last Sunday to her school duties.
E. Y. Porter made a business trip to the Grove Saturday.
Rev. Hillus of Creswell held services at Walker last Sunday.
John Wright has been in Eugene the past week.

DIVIDE.
(Special to The Sentinel)
Jan. 6.—Mr. and Mrs. G. P. Miller went to the Grove last Saturday.
Carl Larson went to Isadora the last of the week.
Mrs. Lee Dugan of Latham spent New Year's with her parents here.
Ethel and Myrtle Little were Grove visitors last Saturday.
Mrs. J. A. Mackey and children visited several days in Eugene last week.
Mr. and Mrs. Pete Tonoli were Cottage Grove visitors Saturday.
Ed Soderstrom visited near Oakland several days last week.
Arthur Dugan had the misfortune to get his thumb badly smashed last Friday, while working in the mill at Latham.
Mr. and Mrs. Ed Tullar and daughter Verna, of London spent New Year's at the N. Lewis home.
Sadie Foster visited at Latham one day the past week.
Mrs. Cloe Soderstrom and son went to the Grove last Tuesday.
Jesse Turner of Comstock was here one day last week.
Misses and Frances and Mae Dugan returned to Disston Monday after having spent the past two weeks with home folks.
Mrs. Wilbur Wilson has been spending the past two weeks with her parents near Oakland.
W. N. McLaughlin returned last week from a visit in Polk county.
John Robinson and daughter were visitors in the Grove the first of the week.
A New Year's watch party was given at the W. E. Burket home New Year's Eve.

Saginaw and Delight Valley.
(Special to The Sentinel)
Jan. 6.—Miss Ernestine Morgan spent a week's vacation with friends and relatives in Salem during the holidays.
Mrs. Andrews and children spent last week in Corvallis with relatives.
Mr. and Mrs. Sam Angel went to Portland with Henry Angel and wife Wednesday.
Mrs. S. C. Harnden and son Elwood, returned to Irving Friday.
Mrs. Smith Ensley and daughter are spending a few days at the J. E. Angel home.
Lewis Farlo spent a few days last week with his aunt at Goshen.
Lewis Allen and wife returned to Coles River, Wash., Thursday.
Mr. and Mrs. Charlie Witche came from Hillsboro Wednesday for a few days' visit at the W. A. Witche home.
The Snickle family held their party at Mrs. Matteson's last Friday.
Mrs. C. C. Moody is on the sick list this week.
Ben Jackson and family of Walker spent Sunday at the Hanna home.
Howard Moody and friends returned to North Bend last week.
G. A. Harnden and wife spent Sunday in Delight Valley.

LORANE.
(Special to The Sentinel)
Jan. 6.—Rev. Snyder returned New Year's day from Irving, where he has been assisting his brother-in-law in revival meetings.
Several young men of Lorane attended the dance at Crow last Friday night.
Riley Crowe has returned from his work at Wendling.
Maude Jackson left last Saturday for the O. A. C. at Corvallis, to resume her studies.
Mr. Nightingale's new bungalow is nearing completion.
The telephone meeting at the grange

hall last Saturday was well attended.
The Ladies' Aid held a home bakery sale at O. E. Crowe's store last Saturday.
The members and friends of the congregation surprised Rev. Snyder and family New Year's night with a "pound social." The evening was spent in visiting and listening to an impromptu program, after which the ladies served a nice lunch.
W. B. Hawley was in Cottage Grove the last of the week.

Silk Creek.
(Special to The Sentinel)
Jan. 6.—A. L. Chitwood returned the middle of the week from Roseburg.
James Chitwood of Mill City is visiting his brother, A. L. Chitwood.
Miss Irene Field of Oakland arrived here Sunday. She expects to attend school at the Academy.
Prof. R. W. Airey is home from Roseburg, and opened school Monday.
Miss Vesta Kruse from Toledo visited friends here from Monday until Friday.
Mrs. Rice, who is very ill, is slowly improving.
Mrs. Eloise Wheeler and daughter Edith, returned Friday from a visit to friends in Roseburg.
Walter Babcock was in the Grove on business the last of the week.
Mrs. Isaac Taylor of Cottage Grove visited her daughter, Mrs. Walker, Thursday.

Disston and Rujada.
(Special to The Sentinel)
Jan. 6.—Arthur Whitman has returned from McKenna, Wash., where he spent the holidays.
The J. Woodhurst home was the scene of an enjoyable dancing party Saturday evening.
Mrs. Cox was the guest of Mrs. J. Carr Tuesday.
Mrs. Spar of Rocky Point was in Disston Saturday evening on her way to the B. Pitcher home where she visited.
Mr. Mackintosh was a week-end visitor to Junction.
Leonard Whitman has been ill of the grip.
Miss Frances Dugan has returned.
Mrs. Tonoli is the guest of her brother and cousin for a few weeks.
Ray Williams was a Cottage Grove visitor Thursday and Friday.
J. Carr and Wm. Radibush went to the Donohue mill Monday.
Al Whitman and Robert Cole went to Wildwood Friday.

Get Together Feed at Creswell.
A great get-together meeting and noon dinner is on the Creswell Fruit and Vegetable Growers' Association holds its annual meeting of stockholders. The idea originated in the Commercial Club and action was immediately taken in appointing committees from the grange, the Ladies' Civic Improvement Club and the Commercial Club to arrange for the spread which will be served to the members of the four associations and their friends.

Made Quick Trip to Eugene.
O. E. Woodson made what he considers a record trip to Eugene considering the condition of the roads when he covered the distance with his Cartercar in a hour and twenty-five minutes. In the car besides himself were the four militiamen ordered to Copperfield by Gov. West. By reason of the speed with which the trip was made the men caught the Oregon Electric and arrived in Salem in time for the train on which they were to leave for the scene of action.

Spray's Column

Things are doing! Cottage Grove has just had a very good year and let us all look forward to 1914 as a banner year and be glad that we are not in Copperfield riding on a waterwagon against our will with our militia boys poking us up from behind with their bayonets. So let us all give three cheers for our boys at the front.

Excuse me for feeling pretty good, but I have just passed the first week of my new way of doing business. My plan has worked so well I will tell you about it. I give 5 per cent discount on all cash purchases where the customers do their own delivering, also 5 per cent discount for cash, making 10 per cent saved to the customer, as my prices were as low as any to start with.

Now, what have I seen that made me feel so good. I have seen the small kid that was sent to the store after 50 cents worth of goods take the five cent rebate with shining eyes and with a light step hit out for the nearest candy shop. I have seen the big husky boy come ten blocks with a wheelbarrow to get a sack of flour or feed and get that rebate money. They are the kind that will make good, as such work will make the muscles grow. There is no wonder that he comes back the next day looking fine, for he feels proud of being able to earn something. I hope to see lots of such boys that are willing to work.

I have seen the ladies carrying their purchases home and a little more money in their purses than they would have had they not secured that discount at Spray's.

I have seen several farmers buy \$10 or \$20 worth of goods and pocket a dollar or two with a grin and say that was the first time they ever felt like they were not paying something for the other fellow's bad debts or for delivering the city chap's goods.

But the best is yet to come, to see the dead head walk out of the store with a stiff neck and remark that he was done trading with me and that I would know it when I got what little he owed me. So, good bye, Mr. Dead Head. I'm afraid you, bill would be bigger next month, so here we part.

Having rented a part of my building and fitted the balance so that I can handle more shelf goods and display them better, I will sell all my wagons, buggies, farm implements at cost. If you need a mower, binder, rake, wagon, buggy, gas engine, in fact, if you need anything used on the farm, you can save from 10 to 25 per cent by buying it now. Come in and let me give you prices. If you haven't got the money, remember that I pay cash for most all produce or will trade for nearly anything that can be hauled or driven.

H. U. Cochran has for sale a pair of mares and a pair of mules.
Ernest Sears has O. L. C. pigs, Jersey cow and Buff Orpington chickens for sale. Here is a chance to buy something good as Ernest has the best stock going.

H. S. Webber has for sale two incubators of 200 capacity each. Both are equipped with the Shur attachments and are positively automatic. They have been used once and he offers them for \$15 each.

T. R. Orr, Walker, has a big two-year old colt for sale.

Frank Vansehoick has Barred Plymouth Rock cockrels for sale.

40 good goats to sell or trade for sheep. Wilber McFarland.

New car of Page fence just received at Spray's.

New car of Tile just received at Spray's.

When you want bacon, ham or lard, call for home cured. You will get it as cheap and of as good a quality as any you can buy. If your grocer hasn't got them, come to the hole in the wall. We sell no other kind. If everyone would buy home made bacon and lard it would be a big boost for the hog business and would keep thousands of dollars at home.

Spring wagon for sale. Inquire of H. U. Cochran or J. F. Spray.

Farmers! Raise more clover, cows and hogs.

Dry Goods at cost at the hole in the wall.

What is the use of using so much elbow grease when gasoline is so cheap? Come and see our little engine. Just the thing to run your separator, washing machine, chain or pump. This boy doesn't wear out any clothes, uses about as much gasoline as the average boy would lases.

Machine Oil of all kinds for sale at Spray's.

I pay cash for chickens, eggs, hies, grain, mohair and wool.

If you need an engine, see ours and get our prices before you buy.

Wagons, Buggies, Harrows, Plows, Cultivators, Discs, Binders, Mowers and Rakes at the hole in the wall.

John Deere and Oliver Plows at Spray's.

Do you need a cream separator? See our Blue Bell. It is a good one and the price is right.

Buy your feed and flour of Spray. Phone 162.

See our new two-way gang plow. It turns it down hill going and coming.

Volume No. XXV

LONELY DEAF OF CURIOSITY AUSTRIAN

Jake Yainek Mi Before Disc

NO FRIENDS AND NO MONEY—DR NOT YET OF BODY

Jake Yainek, an old had been a resident of Cottage Grove for a number of years. He was found dead in his Sixth Street Friday and appeared to have been in a stupor and no inquest was held.
Mr. Yainek was from his shack for a time, and no apparel when he was not seen preceding the discovery thought that he was his trips to the Loras body when found, he apparently been dead a thought he probably night following January, seen alive for the last in his garden. He discovered by Mrs. A neighbor, who became protracted absence of a shack. She peeped in Friday morning and in there apparently asleep noon he was in the shack called in the marsh.
Mr. Yainek was an speak little English, about 55 years of age have been found, although he has a sister. He had owned citizen since 1890 owned a ranch in the He moved into the city ago. It is understood ranch was sold for a given him the land and have to pay taxes. He found on his person a though he always paid chases made at the store. It is thought likely the amount cashed away, a to earn a living.

No disposition has as of the body, but it was buried here.

PARENTS NO SEARCH FOR BOY BERT

FATHER CONVINCED WAS FOUND ON BEACH, BUT NOT STILL HOME

With not a clue left to may fasten any hope of loved and lost boy Bert Mrs. Andrew Larson abandoned the search two months. While M no clue to the mystery, faith that sooner or later come back to her. M ever, is convinced that on Columbia Beach Dec of his missing son, although was not positive.

Sees Many Town Country, No Equal Gr

Satisfied that nowhere there a better country than Cottage Grove, E. R. Sp last week from a visit County. Mr. Spencer an country and some good opinion the Cottage (beats any he saw and p see a more lively or p city.

Old Medicine M Dr. John, the last m the Klamath tribe, is d so old no one knew hi nearly blind. Many D he would never die.

same idea concerning W Dixie, two squaws, who and do many things to osity of the natives and Dr. John was not you of the Modoc war and tribe involved in that w deported with the Modc been present at the ma eral Canby and others.