

LOCAL AND PERSONAL

Rev. W. B. Moore has been feeling the clutch of old grip the past week.

Mrs. Olds, who lives on 10th Avenue, is quite sick with the measles.

The Lent building at the Crossing is progressing fine and dandy.

Mrs. Henry Moodenbaugh made a business trip to Portland Monday.

V. E. Peterson is helping Mr. Denburg build a house for Mr. Moore.

Miss Fern Durcan is visiting friends at Grays Crossing.

Mrs. Peter Bernhart spent Sunday in Portland with her mother.

Mrs. S. J. Howett went to visit Clackamas County Pomona Wednesday.

H. W. Snashall, of Pleasant Valley, was a Lents visitor Wednesday.

Mrs. Casper Blanchard, of Portland, visited Monday with her mother, Mrs. Sawyer.

Little Freeman, son of Mr. and Mrs. Alphonse Sauberton, of 10th Avenue, is sick of pneumonia.

Miss Lanra Smith, of Grays Crossing, was in bed several days, as the result of tonsillitis.

Miss Maggie Shanks of Woodburn is visiting at the home of her sister, Mrs. Eugene Hyland.

Mr. Westover, father of our 9th Ave., grocery will have an operation on his eyes this week.

Mr. Cleland's children of Eighth Avenue, are confined to her home with the measles.

Mrs. F. M. Gates of Gilbert and Mrs. W. B. Moore of Lents called on a sick friend in Sellwood Wednesday.

Mrs. M. McCoy of Toon street has been quite ill is now on the gain very slowly however.

Little Fayth Wallace is again on the sick list and it is feared it may be whooping cough.

The little daughter of Mr. and Mrs. Armitage of 9th and Center street has whooping cough.

The Ladies' Aid Society of the M. E. Church met at the church Wednesday for work. A goodly number was present.

Mr. Jas. Horning has moved to Corvallis. He expects to open up a blacksmith shop there in the near future.

Mr. and Mrs. M. Herman Belka of Seventh Avenue are parents of a son born on the evening of Tuesday the 8th day of April.

Edna Burns was compelled to leave High school on account of her health. Tuesday she submitted to an operation on her throat and is improving.

Mrs. G. A. Jones formerly of this place was operated on at the Good Samaritan hospital and the last reports, she was doing nicely.

Mrs. Swan left Monday for Washington where she is going to join her husband who is working in a mill there. They expect to make their home there.

Harry Eaton has opened a new Garage in the Seward Building. He will carry a stock of supplies and do repair work. He has already found work and has the promise of several others jobs.

Prof. Gray and wife of Astoria spent the week end with Mr. and Mrs. S. J. Allen. Prof. Gray was accompanied to Portland by the Astoria High School Track Team of which he is Captain.

Mrs. G. A. Jones, who has been in very poor health for some time past was taken to the hospital Monday for an operation. Her many friends will be pleased to learn that at present she was getting along nicely.

J. L. Johnson of Gilberts is putting a new coat of paint on the Copeland Lumber Company's front. Mr. Johnson is an old time painting foreman of the Denver and Rio Grande and was formerly located in Colorado.

Mrs. Kiddle of 7th Avenue, is sending the week end with her husband near Brooks, Oregon where they have bought them a home. They have six acres of logan berries, which is becoming one of Oregon's most successful products. Mrs. Kiddle and children expect to move there also as soon as school is out.

THE GASOLINE ENGINE ON THE FARM—ITS USEFULNESS

So long as an electric current can pass without interruption along a good conducting medium like copper wire, it is silent and invisible. It is only when we obstruct its passage by throwing a non-conductor in its path that it attempts to break down the opposition, just as a creek will try to leap over the dam that stops its course. A broken circuit with a layer of air between the ends forms such an obstruction. If the ends are reasonably near and the current is strong, it will undertake to jump across the gap, carrying minute particles of the metal along with it and heating these and all floating particles in the air to a white heat as a proof of the energy it has made use of in jumping the gap. This is the spark we see.

No amount of electricity passing along a wire of sufficient carrying capacity would cause an explosion in a keg of gunpowder so long as it was not interrupted; in fact, it is not the current itself that does the igniting but the floating, heated particles where the break is. The only difference between this and hot tube ignition is that the tube is heated in the one case and the floating particles in the other; but the heat from the spark is much more intense and easier to regulate. When the timer closes the circuit and allows the current to pass through the wire it is suddenly interrupted by this air gap between the platinum points and, if the current is strong enough and there is a space of only about 1-32 to 1-16 of an inch between the points, it leaps across, heating the particles in the air to a white heat. This heat is sufficient to ignite the fuel vapor.

This is the so-called jump spark or high tension system, and on account of its simplicity and ease of operation, it has rather the lead among engines, especially for farm work. There is little about it to get out of order and, when the points become worn, as they finally will, under the repeated heating, the spark plug may be renewed for something like a dollar.

Some engines use the make and break or low tension system. This consists of two metal points inside the engine cylinder, one of which is movable and is operated by mechanical means. These points are usually in contact, and a current of electricity passing through them is not interrupted as by the air gap in the spark plug; then, at the moment when the charge is to be fired, the contact points are pulled apart and when the contact is broken a spark leaps between the two points. The make and break system furnishes rather the hottest spark, and the efficiency of an engine has frequently been increased by substituting it for the jump spark system. The points and sliding mechanism are more liable to get out of order than stationary points, in the presence of carbon accumulation and intense heat, and are less accessible for cleaning or repairing than the plug, which screws into the cylinder at the top. For these reasons principally, the jump spark method seems to have the call among the non-professional engine owners, while very many of the experts favor the make and break system because of the more dependable service obtained from the hotter spark in the presence of variable or faulty mixtures, and the increased power given the engine by firing the charge more promptly at the most efficient moment and condensing the time of impulse.

Although the first cost of the magneto is several times that of a battery of good cells, it is cheapest in the end for a good engine, as, once installed, it requires practically no attention or renewal expenses for years. It also gives a hotter spark and greater engine efficiency, especially under adverse conditions of fuel or temperature where firing is difficult. For an old or cheap or worn-out engine the expense would hardly be justified; nor possibly for one which stands idle a great part of the time. Aside from the greater efficiency of the hotter spark, the question is one between first cost and maintenance cost, of which the first has to be met but once and the latter is continuously to be reckoned with.

In general terms the less attention the magneto gets from the amateur the better, for only an electrical expert understands how to reassemble them. All the parts which ordinarily need readjustment are easily accessible; the rest should all be let alone. A little oil dropped carelessly on the coil softens the insulation and may easily ruin the winding. Water may cause short circuits also. While most magnetos are regarded as water-proof, the term is only relative and intended for emergency safety only, not for weeks or months of exposure to the weather. Rust also attacks the connections. If properly cared for the winding of a magneto ought to be good for three to five years and the magnetic field should last from eight to fifteen. Even then it can be renewed for a dollar or less. If the spark becomes uniformly weak the magnets may need re-magnetizing or a winding may be broken down at some point. This is not a repair job for the amateur, but before sending the magneto back to the works for repairs be certain that is where the trouble is located. Manufacturers say that at least fifty per cent of the magnetos and coils sent back to the

Little Freeman Sobron is convalescence from an attack of typhoid.

Little Esther Hollingworth of Nashville is suffering from a nervous breakdown, and unable to attend school.

Russell Gobin formerly of Lents, has returned from Excelsior, Wis., to make his home here.

The entertainment given at the Weston school Friday evening proved very pleasing to those attending they cleared \$90.

Mrs. Pheobe Olds who has been quite ill with measles is on the way to recovery owing to her age it might of been more serious.

The Ladies of the Methodist church gave a tea at the home of Mrs. F. Wallace, Wednesday of last week. A social hour was spent and lunch was served. Mrs. Sells favored the guests with a solo.

The young people of the Epworth League of the Methodist church will have a taffy pullin in the basement of the church Friday evening.

Mr. and Mrs. R. A. Brown entertained Mr. and Mrs. A. L. Johnson, old friends from Cass City, Michigan. Mr. and Mrs. Johnson are touring the West and talk some of locating in our fine state.

A number of the members of the M. E. Church attended the Missionary Parliament in Portland at the Taylor street church Monday and Tuesday of last week.

The Women's Foreign Missionary Society will hold their District Convention in the Methodist Church at Lents on 7th and Gordon April 23 and 24. About 40 are expected to attend. The local auxiliary of the M. E. Church are planning entertainment for their guests and a profitable time is expected.

Quite a Change.
Howell—Howell doesn't speak to his wife Powell—And I can remember when he thought it was worth \$1 to say a few words to her by long distance telephone.—Judge.

It is a fine thing to know when to let go. Many a man holds on too long. It is better to jump overboard than to go down with the sinking ship.

An Improvement.
King Arthur had just invented the round table.
"Can you invent a bureau that a man's wife will let him have two drawers of?" we asked.—Exchange

shop for rewinding are all right and that the trouble is in some other part of the engine.—From Putmans "Gasoline Engine on the Farm."

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STATEMENT of the financial condition of THE MULTNOMAH STATE BANK

at Lents, in the State of Oregon, at the close of business April 4, 1913.

RESOURCES

Loans and discounts	\$ 56,474 34
Overdrafts	30 23
Bonds and warrants	11,094 65
Furniture and fixtures	2,000 00
Due from approved reserve banks	110,392 77
Checks and other cash items	809 30
Cash on hand	8,947 39
TOTAL CASH	16,249 36
Expenses	803 62
TOTAL	\$ 87,332 20

LIABILITIES

Capital stock paid in	\$ 15,000 00
Undivided profits	944 72
Postal savings deposits	\$ 8,982 00
Individual deposits subject to check	50,704 43
Demand certificates of deposit	2,644 43
Certified checks	170 00
Cashiers checks	2,010 75
Time certificates of deposit	3,674 85
TOTAL DEPOSITS	\$ 68,887 48
Notes and bills rediscounted	3,000 00
TOTAL	\$ 87,332 20

State of Oregon, County of Multnomah, ss: I, H. Rostad, Cashier of the above named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief.

H. Rostad, Cashier.
Correct—Attest: C. F. Hendrickson, Henry Barkson, Directors
Subscribed and sworn to before me this 3rd day of April 1913. W. F. Klineham, Notary Public

Save the Flour Sacks.

It is possible that an occasional bride might be glad for a few dozen clean flour sacks, unhemmed. To be sure, the "dear friend" giving the "shower" in honor of this bride would have to find some other occupation for the assembled guests, but that should not be difficult in these days when a well-set-up bride must have advice on every subject from "The proper way to wear the breakfast cap" to "Preserving husbands."

Let us figure on your window shades. No trouble to you, just call up Tabor 1361, we will take your order at your home.

ADVERTISED LETTERS

Advertised letters for week ending April 5.
Amy & Family; Biewer, Mr. F. S.; Davis, Mrs. J. R.; Shinch, Mr.; Ford, Mr. William; Foster, Mr. F. W.; Hay-emon, George; Hart, F. F.; Hartell, Mrs. Grover; Hassmann, Miss Emilie; Huit, C.; (dealer in groceries etc.) Jamison, Miss Stiel; Landstrom, Annie; Martin Mrs. F.; Miller, Mr. F. E.; Mimick, San; Wilson, Lola.
GEO. W. SPRING Postmaster.

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STANDING OF NOMINEES IN CONTEST

DISTRICT NO. 1	
Arthur Walker, Lents	24900
Lents Smith	43850
Hazel Sommerfeldt, Lents	27700
Edith Smethurst, Lents	17825
Matthew Boland, Lents	9700
Fred Peterson, Lents	5600
Ruth Richards, Lents	5425
Opal Hand, Lents	5150
Ruth Howe, Lents	5125
Adina Mottrude, Lents	5150
DISTRICT NO. 2	
Geo (Hickey) Wisley, Lents	10675
Mark Conklin, Lents	42350
Ruth A. Rodgers, Lents	30800
M S Hazen, Lents	28975
Frieda Alplanslp, Lents	15025
Jas. Wands, Lents	6350
R. B. Maxmeyer, Lents	5700
Wesley Reynolds	5125
Ruth Dix	5125
DISTRICT NO. 3	
Hazel Thomas	14925
Fred Helman, Lents	62550
Mamie Pitts, Gresham R 3	9000
Lenora Hurrie	5600
Cleveland Bliss, Gresham R 3	5475
Forest Edy	5350
May Kesterson, Gresham R 3	5200
Leland Moore, Gresham R 3	5100
Mariam Brown, Gresham	5175
Ray Kesterson, Gresham R 3	5125

FOR BURNS, BRUISES AND SORES

The quickest and surest cure for burns, bruises, boils, sores, inflammation and all skin diseases is Bucklen's Arnica Salve. In four days it cured L. H. Haflin, of Iredell, Tex., of a sore on his ankle which pained him so he could hardly walk. Should be in every house. Only 25c. Recommended by all dealers.

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