

H. W. SNASHALL
NOTARY PUBLIC
Real Estate and Insurance
PLEASANT VIEW AVENUE, NEAR
GRESHAM, OREGON

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J. M. Short, M. D.
S. P. Bittner, M. D.
Physicians-Surgeons.
Gresham, Oregon

DR. H. H. OTT,
DENTIST
Out of Town Aug. 11 to Sept. 11
Gresham, Oregon

Want Column

Wanted, For Sale, Lost, Found, Etc.

All local advertisements are run under this head at the rate of ONE CENT A WORD FIRST INSERTION; subsequent insertions will be made on 15 to 20 words for 10 cents; 20 to 30 words for 15 cents; 30 to 40 words for 20 cents. No ad. published for less than 15 cents. Cash in advance except to regular advertisers. If you have anything to sell, or wish to buy anything, or have lost anything, TRY A "WANT AD." in this column. The results will surprise you. Cash or postage stamps.

WANTED—Fresh milk cows and beef cattle. T. R. Howitt, Gresham, Ore.

FOR SALE—Vacant lots, houses and lots, choice farms of all sorts; investments and loans negotiated. J. H. Chaiker.

FOR RENT—New six-room, plastered house in Gresham. James Lawrence, Gresham.

STRAYED—A red cow. Came to my place on Base Line, north of Gresham, August 8. Dehorned, branded 1 on left hip. Owner may have her by paying for this notice. Lester Spencer, Troutdale, Ore., Route 1.

WANTED—A live solicitor. Enquire at the Herald office.

STRAYED—Small, ten-month-old Jersey calf, strap with ring on neck. Reward. Frank Grassl, Cleone, Ore. 35

FOR SALE—A good gentle riding pony cheap. A. F. Neimeyer, Route 3, on old Axle farm, Gresham.

FOR SALE—Fine, new modern house and three lots in Gresham. Half down, balance 6 per cent interest. \$600 all the money needed. Apply to Mrs. Annie E. Allen.

FOR SALE—One Ivers & Pond piano in fine condition. Inquire of H. H. Ott, Gresham.

FOR SALE—Old newspapers, cheap. Good to put under carpets—at Herald office.

FOR SALE—Forty acres of land near Sycamore station on O. W. P. electric road, 2000 cords good wood, fine soil, six acres cleared. Box 45, Lents.

FOR SALE—Good quality live cordwood delivered to your home. J. H. Hoss, Gresham.

FOR SALE—General merchandise stock, building and cash trade. Located in prosperous, growing country with good road connections. Farmers' telephone, 4x1.

WANTED—Good young bull, any breed. E. Exton, 237 Spencer street, Montavilla.

FOR SALE—Ladies' Imperial Bicycle in good condition. Cheap at \$8. At Feed Mill, Fairview.

FOR SALE OR TRADE for Gresham property—Two fine lots in Ivanhoe park near Creston on Mt. Scott or Woodstock car lines. Inquire at Herald office.

STRAYED—Aug. 12, a two-year old Jersey heifer with neck strap and ring. Brush of tip of tail white. Last seen on Base Line, 1 mile west of Rockwood. Reward for same or information. Frank Grassl, Cleone, Ore. Route 1.

FOR SALE—\$5 takes a sewing machine—old, but has been in constant, recent use. Enquire at Herald office.

FOR SALE—One Jersey bull calf and some thoroughbred Cotswold farms. H. E. Davis, Mountain View farm, Gresham, Ore.

FOR SALE—6 lots, improved; 8-room house, barn, fruit trees, berries, grapes; 1/2 mile from car line. \$1850. E. A. Dolan, Boring, Oregon.

The sale of special one-way tickets from all points in the U. S. to all points in Oregon begins September 1st and continues until October 31. Our community can get more than its share of the newcomers with a little effort.

MOUNT SCOTT

About the coldest piece of lawlessness that ever took form in our neighborhood occurred last week when the home of Mr. Powers was entered and the family purse carried off.

Friends who read of the loss of the home of W. G. Montgomery by fire will be pleased to learn that he has been able to secure about \$500 insurance.

Mrs. Grayable and two sons, Harry and Guy, returned to their home in Laurelwood after a ten-days' outing at the beach.

M. J. Chauney has just completed a new coat of paint for his store.

C. E. Kennedy has been enjoying a visit from his brother the last week.

The Mt. Scott Tribune has moved to town and will send its news abroad from the "Old Corner."

Mrs. E. C. Joss of Ivanhoe was visiting friends and renewing acquaintances on Thursday.

Miss Maud Zimmerman and mother returned Monday from San Francisco after a two months' visit with relatives.

The Rayburns are now enjoying their new modern bungalow, having moved into it the first of the week.

There is some talk of Mr. Aditton putting in a new brick building on the site of his present location. That sounds good. What we need is a start in the right direction and others will follow the lead.

The prospects are favorable for early construction work on the new concrete grange hall at Lents. That will be the first building of a permanent nature in the town.

W. J. Donelson has completed and now occupies his new building south of the station. It is easily the finest store room east of 38th street.

Consult the Want Ads. on last page.

OIL IN ROAD BUILDING

How Petroleum is Used on Top of a Macadam Bed.

A FINE SURFACE OBTAINED.

Better Than Asphalt, Does Not Crack and Lump—Rolling Must Not Be Done in Wet Weather or When Ground is Soft.

The old system of "oiling roads and streets" is clearly a flat failure except for a moderate improvement of some of the worst thoroughfares. The new system of "making roads with oil" is proving a success whenever proper methods are pursued.

The oil and natural soil no longer go where real results are wanted. The use of the heavy ten to eleven gravity petroleum has become quite general. Its superiority has been well demonstrated, but there is a wide difference between different oils of this gravity and with the same amount of asphaltum. Some of that sold is well high useless, although it is unquestionably of the specified gravity and contains the required percentage of asphalt. The oil must possess the adhesive quality and be able to bind the rock and asphaltum together—in other words, the necessary petroleum.

The best roads are undoubtedly the macadamized highways found in older sections. The building of such thoroughfares with the use of oil on the surface to form a top dressing and



ROAD READY FOR OILING.

present a surface like asphalt pavement is just in its infancy in southern California, says the Los Angeles Times. In Pasadena there are a number of streets of this kind, notably Madison avenue, prepared at a cost of 12 cents per square foot and with a depth of seven inches of foundation. Blocks of this street are scarcely distinguishable from asphalt paving. There are others similar, but some are not equal to this. At the same time they are superior to those prepared in the old way.

The new method of macadamizing

and oiling as laid down in a set of specifications used for a number of streets may be outlined substantially as follows: For the foundation grading is done by the removal of all earth, stone, loose rock, cement, shale, hardpan, etc., to a depth of seven inches below the intended finished surface and to a farther depth of two feet below the subgrade whenever mud, sand or other soil material is encountered, the space to be refilled with good earth or gravel. The whole is rolled with a roller of not less than twelve tons in weight until the surface is unyielding, all depressions made by the roller being filled up and rolled again. All portions that cannot be reached by the roller must be tamped solid, and the rolling must not be done in wet weather or when the ground is soft and muddy. This subgrade must be checked by the street superintendent before proceeding with work.

On this grade a bottom course of macadam is laid consisting of stone not exceeding three inches in diameter and not less than one and a half inches. This layer will be five inches in thickness and is rolled with a twelve ton steam roller until the stone ceases to sink under the roller or to creep in front of it.

A top course of stone between three-fourths of an inch and an inch and a half in diameter will cover this to a depth of two inches and will be rolled as before after a first coating of oil (one-half a gallon to the square yard) is applied evenly so as to saturate the entire top layer. Then all voids are filled in with rock screenings of the same material as the macadam not exceeding three-quarters of an inch in diameter, with a top dressing of the same material laid to the depth of half an inch, after which there is given a second coating of oil to the same amount as before and the whole rolled and tamped until no evidence of the oil remains on the surface except as shown in the color of the screenings. Sharp sand is to be sprinkled wherever any oil remains to absorb it. These specifications provide that oil shall be of 10 to 11 gravity, with 80 per cent asphaltum at 80 penetration and with not more than 2 per cent water.

The Pacific Electric and Los Angeles Interurban railways are using this method in their rights of way in Pasadena, Long Beach and one or two other points. It is said to be better than the use of asphalt, as it gives with the pressure of the rails under weight of cars and can be taken up and replaced without difficulty. It does not crack and lump, as does the asphalt. It is hard to tell it from the latter, sometimes impossible, for the average person. In Long Beach the result has been very good.

New Road Machine.
C. A. Baldwin of Pasadena, Cal., is experimenting with a new machine, built on the principle of a disk plow, for the purpose of keeping oiled roads in condition.

PLEASANT VALLEY
Miss Eva Butler spent last Sunday with friends in Firland.
Miss Wave Strietel of Albany is visiting Mrs. J. W. Frost.
Mrs. H. W. Snashall has returned from Seaside.
Mr. McBride is recovering from his recent illness.
J. H. Robinson spent Sunday and Monday with the home folks.
Miss Eva Vollum is visiting friends and relatives in the valley this week.

SECTION LINE
Flays waved from almost every house in the west end of District 28 in honor of the pleasing result of the vote taken August 15th to build a schoolhouse within reach of many children who hitherto have been obliged to walk a long distance to reach the school which, a few years ago, was placed too far east in the district to deal justly with all concerned. Let us work together we patrons of 28 to make our joint school system the model of the county.

Miss Ruby Cummings is a guest of her sister, Mrs. B. Boyle at Long Beach.
O. E. Warneche and family of Mt. Tabor were guests at Hazelwood farm on Sunday last.

J. C. and Mrs. Buckley were luncheon guests at the home of H. Dittich and wife on Wednesday in Irvington Park.

Mrs. M. Shafer recently returned from a mountain trip in company with her daughter, Miss Laura.

Albert Giger of Portland was a guest of his cousins at Buckley Grove during his vacation from service in the post-office building.

Joseph Kronenberg and family were guests of John Moll recently during their visit to their parents in Gresham from their home in McMinnville.

Mr. Ruhl intends to leave for Eastern Oregon in a few days.

Survivor L. Lewis of Russellville spent several days at Buckley Grove this past week.

Architect H. Dittich of Portland made our center a business trip Saturday.

CORBETT
F. W. Reed paid the dentist at Washougal a visit Monday.

Mrs. Blanche Hurlburt of Portland visited relatives in this vicinity several days last week.

Mrs. Fred Chamberlain went to Athens last Wednesday to visit a sister.

Mr. and Mrs. Paul Gantenbein of Portland visited Mrs. C. E. Smith Thursday.

N. P. Gleason was a Portland visitor Saturday.

Misses Ethelyn Smith and May Littlepage were over Sunday visitors at Ferndale Place.

Oscar Deverill was in the city Thursday.

Miss Emma Hankey visited Mrs. Lucy Kincaid from Saturday until Thursday.

Miss Bertha Henry of Portland while enroute to Mosier stopped here Tuesday and visited friends.

Several of Mrs. Lucy Kincaid's friends met at Mrs. Bramhall's Wednesday and quitted three quilts.

Corbett is becoming noted as a summer resort. Mrs. Ketchum, daughters, son and nephew are the last to pitch their tent in our midst.

BUTTER WRAPPERS
NEATLY PRINTED
AT THE HERALD OFFICE
New Rate—Good for 30 days
500.....\$1.50
1,000.....\$2.25
Special rate on 10,000 lots.

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Washing Compound
"It Does the Business"
If you try it once you will use it Always.

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CLUBBING LIST

The price of The Herald alone is \$1.50 a year, but to those who would like the advantage of a clubbing rate with other papers we offer the following low prices:

"The Herald" in combination with any of the following

WEEKLY OREGONIAN	1 yr. 6 mos.	\$2.50
DAILY OREGONIAN	1 yr.	\$2.50
DAILY and SUNDAY OREGONIAN	1 yr.	\$4.50
DAILY TELEGRAM	1 yr.	\$2.50
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POULTRY JOURNAL (Monthly)	1 yr.	\$1.00
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FARM JOURNAL	1 yr.	\$1.00
McCALL'S MAGAZINE (Ladies')	1 yr.	\$1.75

REMEMBER THESE ARE LOWEST CLUBBING RATES

Notice!
All persons knowing themselves indebted to me, especially those who have left Damascus recently, are requested to pay same immediately, otherwise all bills will be turned over to an attorney for collection.
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1/3 off THREE PIECE SUITS 1/3 off
\$25 Suits . . \$16.55 \$22.50 Suits . . \$15.00
\$20 Suits . . \$13.35 \$17.50 Suits . . \$12.65
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This means not only a few, but our Entire Line of High Grade Nobby Straws
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