

BUILDING NEWS

BRICK BUILDING ON FOURTEENTH

George S. Keeler Takes Out Permit for \$50,000 Apartments.

One of the latest of the big brick apartments, for which a permit has just been issued, is to be erected by George S. Keeler on Fourteenth street, between Clay and Market. The building is to be four stories, 60 by 160 feet in ground dimensions, and will contain 100 three and four room apartments. While the permit issued for the structure provides for an investment of \$45,000, the completed building will come near costing \$50,000. Plans for the Wheeler hotel and rooming house, to be erected on the triangle at Twelfth and Burnside streets, have been filed with the building inspector. The building is to be a three story brick and will have a frontage of about 30 feet each on Twelfth, Couch and Burnside streets. The Swiss association, which is composed of many of the most prominent Swiss residents of the city, is contemplating the erection of a 70 by 100 three story brick building at Third and Jefferson streets. Plans of the projected structure have been prepared and are now in the hands of the building inspector. Although a permit has not been applied for, all the details connected with the building of the structure have not been arranged, but it is not doubted that the improvement will be made in the next few months. J. M. Barry has taken out a permit for the erection of a \$5000 frame residence on Clackamas between Twenty-second and Twenty-fourth streets, in Holiday Park addition.

CONCESSION GRANTED STREETCAR COMPANY

Hereafter the Portland Railway, Light & Power company will be permitted to lay brick on the outer edges of its tracks where these run through a paved street. The space between rails will be paved with the same material as the rest of the street, lead of with Belgian blocks as heretofore. Permission to make improvements in this manner was granted by the street committee on the recommendation of the city engineer. The railway company's request for an extension of time in which to complete its underground electric system was also favorably acted upon by the committee, which recommended that not only this company but others affected be allowed a two year extension.

PAVING MICROBE BUSY AT ALBANY

Albany, Or., Aug. 21.—Preparations for paving iron street began this morning when a gang of men began raising the street line four inches to the proper grade. The company has asked the Southern Pacific company for permission to extend the track several hundred yards nearer the union depot.

OLD STYLE BRICK SAFEST IN FIRE

Government Geological Survey Develops Data of Interest.

Tests recently made by the United States geological survey of the fire relative qualities of the various building materials showed that the old reliable brick, the material out of which houses have been constructed since the Egyptians and Chaldeans first learned to bake mud bricks in the heat of the sun, is still the safest and best building material known to man. These tests were made under circumstances most favorable to developing just what amount of heat brick, natural stone and concrete will stand, and the result was a complete surprise to the trained minds at the head of the United States geological survey. The report filed with the chief of the geological survey stated that the conditions of the tests were unusually severe and that none of the materials pressed perfectly, the temperature used being much greater than that expected in an ordinary fire. The one thing most clearly demonstrated by the tests is the low heat transmission rate of Portland cement mortars and concrete, this being one of the essential qualities in materials intended for fireproof construction. Brick withstood the severe tests better than the other materials, 50 per cent of new brick being split by, while 60 to 70 per cent of the old brick came out without damage. The hydraulic pressed brick stood the test better than the sand-lime brick. Natural building stone of several varieties was tested and all were so seriously damaged that no comparison of their fire relative qualities was made in the report.

The result on hollow concrete blocks showed that while the strength of the webs is sufficient to withstand the heat of any ordinary fire and the subsequent quenching with water, when put through the severest tests there is danger of the webs splitting. The result on hollow concrete blocks showed that while the strength of the webs is sufficient to withstand the heat of any ordinary fire and the subsequent quenching with water, when put through the severest tests there is danger of the webs splitting.

SELLWOOD CLUB AT WORK FOR OWN HOME

If the plans of the Sellwood Commercial club materialize as now seems assured, that organization will be housed in its own home before the end of the year. Bids for the construction of the clubhouse have been made by a number of contractors and are now in the hands of the board of governors. One half of the stock from which the building fund is being raised has been placed among the residents of Sellwood, and the committee having charge of this feature of the club's work report that no trouble will be had in placing the remainder of the stock. The contractors' bids for the erection of the clubhouse have been examined by the building committee of the club, and it is probable that the contract will be formally awarded early next week.



Store and Apartments, Eleventh Street, Between Alder and Washington

COTTAGES FOR HOME BUYERS

Dr. Hutchinson Will Build on Tract on Peninsula.

Contracts for the erection of three attractive cottage homes on Portland Heights have been awarded in the past few days. Sanford Smith is building a two story, 7 room, house near the Patton road in Greenway addition, which is to cost about \$4000. On Terrace Road, B. O. Gardner has begun the erection of an 8 room frame dwelling of modern design, which will cost in the neighborhood of \$4500. The third of these new Heights homes is being erected on Cornell road at the head of Overton street for Professor H. Herdman, principal of the Lincoln High school. This building will cost approximately \$5000.

WAREHOUSE IN SOUTH PORTLAND

Mason-Ehrman Company Will Soon Have New Quarters.

The Mason-Ehrman company has begun the construction of a two story frame warehouse on the block recently acquired by this company at Harrison and Water streets, South Portland. The structure is to cover a quarter block and will be of the slow burning mill construction type. With a frontage on the west side Southern Pacific and the Oregon Electric railway, the site is considered ideal for warehouse purposes. A part of the building will be equipped as an up to date prune packing plant, with a capacity of 125 cars per season. The contract calls for the completion of the building by October 1, which will be in time for handling this season's prune crop.

OREGON TIMBER WELL GUARDED

Government and Owners Employ Large Force of Men.

Oregon need fear no big forest fires this season, according to one of the prominent timbermen in Portland. The forest rangers are thoroughly disciplined and skillful body of men, and in addition to this government protection the big timber interests have organized and sent out from Portland crews of several hundred men to watch the various forests of the state. These men make it practically certain that no fires can get sufficient headway to do material damage to the state's great resources. "Fire is the greatest enemy of the timbermen," was the statement made this morning. "It has annually destroyed an amount of timber beyond calculation, and Oregon has suffered billions of dollars loss from this cause alone. Now that the timber has been bought up at high prices and is being held for the mills, the timbermen and mill owners have to carry tremendous risks, especially at this season of the year. But there need be no alarm among the small holders who fear having their earnings wiped out by fire. Hundreds of active, carefully instructed men are in the forests of Oregon, equipped to fight any fire that may start. Crews of them have been gathered here and all over the state and for the next three months, until July, August and September they will remain at their posts. The way they stop fires is with a spade. Water is needless. Every forest fire starts from some spark or small blaze. The investment in Oregon timber is immense. Insurance cannot be got except at prohibitive rates, and yet the owners cannot afford to run risk of loss. So they have adopted this system of adding to the force of forest rangers by a number of men stationed to assure speedy extinguishing of any fire whatsoever. The homesteader and small owner profits in the investment in Oregon timber. The big companies, Oregon will likely save over a million dollars this year alone through the work of the much abused big men. Other millmen call attention to the fact that all dangerous fires start not in the forest, but in machinery. Owing to the dampness of the climate it is practically impossible to start a fire in any of the forests and the fire fighting crews have thus only to surround the larger bodies of timber and keep any flashing flames from creeping in. In the eastern forests, however, the heart of the timber may catch fire. The system of having one man to every 5000 acres," is explained by one of the heavy holders. "This land is worth from \$75 to \$200 an acre, and every 5000 acres," is explained by one of the heavy holders. "This land is worth from \$75 to \$200 an acre, and every 5000 acres," is explained by one of the heavy holders. "This land is worth from \$75 to \$200 an acre, and every 5000 acres," is explained by one of the heavy holders.

"Bay State Paint"

FISHER, THORSEN & CO.

"The Big Paint Store" FRONT AND MORRISON STREETS

Manufacturers and Jobbers Everything in Paints

In the Long Run

It pays to buy hardware where quality is the first consideration. Bargain prices are not bargains when accompanied by indifferent quality. Why not get wise to this right now and come here for your needs? We study quality first and prices afterward. It's to your interest to do the same.

AVERY & CO.

48 Third St., Bet. Pine & Ash

HOLLADAY'S ADDITION

The one best place in Portland to buy. Geographical center and most desirable residence property in the city. Seeing is believing. Better go and see the many choice residences under construction and the improvements going on.

CASTINGS

FOR MACHINE AND STRUCTURAL WORK The Independent Foundry Co. TWENTY-THIRD AND YORK STS. Phone—Main 2323, A4241

John A. Melton

CARPENTER AND BUILDER Office and Store Fixtures built and remodelled. Altering and repairing houses. Show cases and counters built. Factory and Office 215 Second street near Main. Phone: Main 1787; A-1787

PHOENIX IRON WORKS

Office and Works Hawthorne Avenue and East Third Street. Phone East 29. PORTLAND, OREGON.

Artistic Fixtures

up to date piano warehouse and factory in the northwest. The Eilers plan to make it their principal distributing house for Oregon, Washington and Idaho.

WHEAT GROWER WILL LOCATE IN PORTLAND

C. W. Braze, an eastern Oregon wheat grower, has purchased a lot on East Thirteenth street, between Oak and Stark, and has begun the erection of a six room, two story residence to cost about \$2000.

Last Trip Steamer Potter

The O. R. & S. T. J. Potter from North Beach will make her last trip, leaving Megler & Co. dock p. m., Monday, September 4, Labor Day.

ELECTRIC Tungsten Lamps

The Most Economical Incandescent Electric Lamp Made

40 watt— 32 candle power 85¢
60 watt— 48 candle power \$1.00
100 watt— 80 candle power \$1.30
250 watt— 200 candle power \$2.50

These Prices are the Lowest in the City

IT GIVES TWICE THE LIGHT OF THE ORDINARY INCANDESCENT LAMP FOR THE SAME COST PER HOUR

PORTLAND RAILWAY, LIGHT & POWER CO.

147 SEVENTH STREET

WILL NOT MOVE SCHOOL OFFICES

Board of Education Decides to Rent Out District Building.

The board of education at its meeting yesterday afternoon, at which only Mayor Simon, Dr. Wetherbee and Ion Lewis attended. Commissioners Clarke and Lang are out of the city, so no business of importance was transacted. Dr. Wetherbee to use the county road to make a report as to what he thinks should be done to improve Macleay park so that it can be used by the general public with convenience. The park is, though one of the most beautiful of its kind in the world, entirely inaccessible at present, not even a road-way having been built through it.

NEW ENGINE HOUSE MEETS WITH DELAY

Pending the action of the city council in the matter of an additional appropriation for the proposed fire engine station at Fifteenth and Montgomery streets, construction of the new engine house will probably be delayed for a month or more. The lowest bid submitted was \$15,000, which was \$2000 above the original appropriation, but well within the estimates made by Architects Travis and Wilson, who prepared the plans for the structure. The building is to be a two story structure, 48 and 75 feet.

THINK MACLEAY PARK SHOULD BE IMPROVED

The city park board held a short session yesterday afternoon, at which only Mayor Simon, Dr. Wetherbee and Ion Lewis attended. Commissioners Clarke and Lang are out of the city, so no business of importance was transacted. Dr. Wetherbee to use the county road to make a report as to what he thinks should be done to improve Macleay park so that it can be used by the general public with convenience. The park is, though one of the most beautiful of its kind in the world, entirely inaccessible at present, not even a road-way having been built through it.

PREPARES PLANS FOR WAREHOUSE

Architect at Work on Handsome New Home for Eilers.

Plans for the new Eilers warehouse and salesrooms to be erected at Fifteenth and Pettygrove streets are being prepared in the office of a local architect. The building, which will be used as a piano warehouse and factory, is to be a five story structure, 65 by 90 feet in dimensions, and will rest on a full cement basement. The structure is to be of nearly fireproof material, and is intended to use metal window sashes and frames, while the glazing is to be done in wire glass throughout the building. One of the unusual features of the construction will be the floors, which are to be laid by 6 timbers on edge, with a top layer of hard maple. Excavating for the foundation and basement is already under way, and bids have been received for the masonry work. When completed the building will cost about \$40,000 and will be the best appointed and most

INTERESTING BOOKLET ON WELL IRRIGATION

Well irrigation, which in India, Egypt and Italy, and other countries of large and frequent crops, has increased the productive value of land to a remarkable extent, is advocated for the Willamette valley in a new brochure issued by the passenger department of the O. R. & N. and the Southern Pacific, and written by E. M. Brereton, the well known authority on irrigation. The booklet was issued in time for distribution at the irrigation congress in Spokane, but permission was refused Mr. Brereton to pass it among the delegates, the reason for this action not being disclosed. In the booklet, Brereton advocates the driving of wells and the using of the bountiful subsoil waters of the Willamette basin for irrigation during the months of June, July, August and September when the rainfall can not be depended upon. It makes the farmer sure of maturing his crops, and the expense is said to be slight. Horse and bull-powered engines are advocated for use in pumping the water. The close similarity between the Willamette valley and the Lombardy valley in northern Italy, where well irrigation is used with great success is believed to augur well for the practicability of the system. The railroad company has ordered that 10,000 of these booklets be sent agents in Oregon for free distribution among the farmers.

Woman Buys Property.

(Special Dispatch to The Journal.) Athens, Or., Aug. 21.—Mrs. Watts has bought a house and two lots on the corner of Third and College streets, in the center of the town, where she will live.

ORINO Laxative Fruit Syrup

Pleasant to take and does not gripe or nauseate Cures Chronic Constipation, Stomach and Liver Trouble

Stimulation Without Irritation. If you are constipated If your tongue is coated If your breath is bad If your eyes are dull If your head feels heavy If you have heart-burn If you are troubled with belching If you have indigestion If your food does not assimilate If you are too thin If your complexion is bad
ORINO Laxative Fruit Syrup is a new laxative syrup combined with the delicious flavor of fruits, and is very pleasant to take. It will not gripe or sicken. It is much more pleasant and effective than Pills, Tablets or Saline Waters, as it does not derange the Stomach, or irritate the Kidneys, Liver or Bowels.
Constipation. ORINO Laxative Fruit Syrup will positively cure Chronic Constipation, as it restores the natural action of the intestinal tract.
Clears the Complexion. ORINO Laxative Fruit Syrup stimulates the liver and thoroughly cleanses the system and clears the complexion of pimples and blotches. It is the best laxative for women and children as it is mild and pleasant, and does not gripe or sicken.
Thin People Take Notice. Do You Assimilate Your Food? ORINO makes you assimilate your food so you will get the full benefit of what you eat.
Your stomach, liver and bowels need stimulating, and you should take ORINO Laxative Fruit Syrup.

OUR GUARANTEE

Take ORINO Laxative Fruit Syrup and if you are not satisfied your money will be refunded. Prepared only by FOLEY & CO., Chicago, Ill. SOLD AND RECOMMENDED BY ALL DRUGGISTS