

MONORAIL IN PROTECTED DOCK

DIGS DITCHES AT LOW COST

Portland Man Invents a Much Needed Contrivance.

Great Warehouse at Burlington Is to Be Provided with All the Latest Contrivances for Handling Heavy Volume of Freight.

By far the most important improvement projected on Portland's waterfront for many a day is the great wharf and warehouse to be erected by a syndicate of local capitalists at the foot of Third street, in Burlington, the manufacturing suburb, which is being developed on the Willamette slough. The total length of the dock will be 1,150 feet, and the length of the warehouse is to be about 1,000 feet.

While the entire plant is to be modern in every respect, special attention will be paid to that feature of the construction and equipment which will insure the quick and economical handling of freight. The monorail system will be installed throughout the warehouse and the full length of the dock. This system has been worked out in such detail as to insure a quick and safe method of handling all classes of freight.

With Speed and Care.
The system which is to be installed is one that will save the damaging of freight at the same time will give speed to the discharging and at a far less expense, including in the general device for labor saving, than the ordinary system in the handling of ballast, which is of considerable importance to deep water shipping.

In order that both the shipping world, merchants and general public can appreciate and readily understand the new device and details to be carried out in this undertaking, the following is a description of the system.

The monorail will be under the control of one operator and capable of traveling at the rate of 450 feet per minute. There will be as many travelers about the company's property as will be necessary to handle the tonnage. A similar system of loading freight will be resorted to as well as the very latest improvements regarding belt-conveyors which in some instances will be found very useful as well as economical in its method of handling freight.

In handling merchandise from a ship for storage purposes, the monorail traveler, by an arrangement of switches, will convey freight from the hold of the ship, or from ship's tackle on the dock if so desired, to designated spot for piling in warehouse and there it will be carried out in such detail as to insure a quick and safe method of handling all classes of freight.

From Ship to Cars.
In handling freight which is to be shipped directly into the city of Portland without sorting in the warehouse at Burlington, but which is to come direct to the United Railways company's freight depot in Portland, tonnage of that character will be loaded onto platforms in the hold of the ship and be taken to the cars which will be provided with hatches, and the entire load deposited into the car without unloading it. The same system will be used in Portland for unloading, and the system of sorting the freight will be used at the Portland city warehouse. The platforms will handle, approximately, 8,000 pounds of freight at a time.

In discharging ballast from the ships, a crew of 4 being done as at present requiring a large crew of men in the ship's hold, filling buckets, which are hoisted to the dock and again dumped, the monorail traveler, with a special type of grab-buckets, will automatically run to the edge of the ship and will take three cubic yards at a time.

It makes no difference whether the ballast is crushed rock, sand or gravel, it will convey it at a speed of 450 feet per minute to the storage bins and bunkers, which will be operated for this purpose and automatically dump the material in its proper bin. With this specially provided monorail traveler and grab-bucket, a ship can discharge ballast with a comparatively few men and in less than half the time required for doing this work here on the river.

Portland-Burlington Warehouse and Dock company is the name of the company which will handle and operate the new dock and warehouse. The organizers and principal owners of the company are Maurice Thompson, one of the owners of the proposed improvement in this city and a large stockholder in the United Railways; Herman Wittenberg and John H. Bullock of this city. Plans for the proposed improvement have been completed, and as soon as contracts can be let, actual construction work will begin.

Change School District Line.
(Special Dispatch to The Journal.)
Albany, Oct. 9.—The county court had a lively session this afternoon when a number of residents of the Plainview and Sandridge school districts were present to oppose the change of the present boundary of the latter to the west line thereof, which resulted in the court authorizing County School Superintendent Jackson to post notices concerning the proposed change. Final hearing will take place on October 18.

MAY BE COFFEE

That Causes All the Trouble.

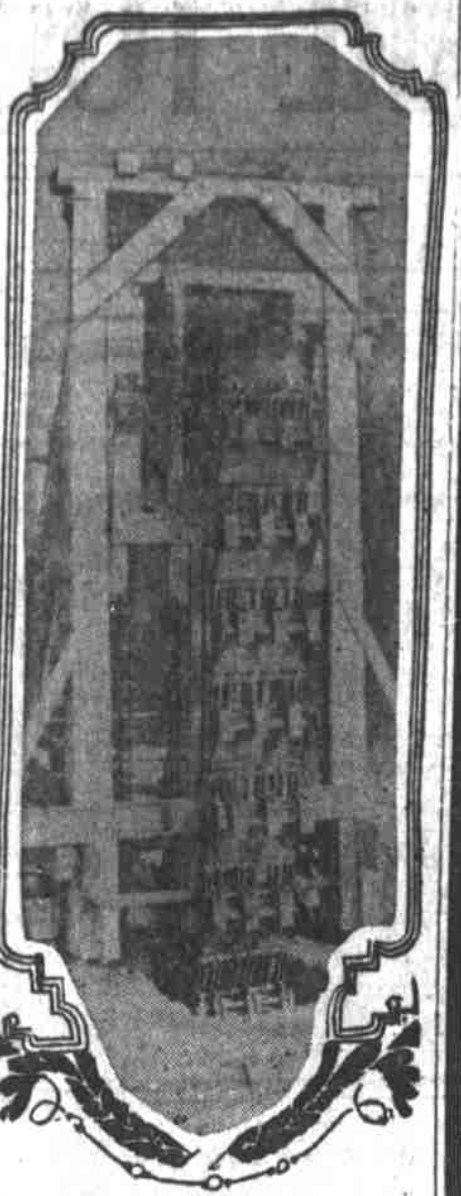
When the house is afe, it's like a body when disease begins to show, it's no time to talk out time to act—delay is dangerous—remove the cause of the trouble at once.

"For a number of years," says a Kansas lady, "I felt sure that coffee was hurting me, and yes, I was so fond of it I could not give it up. I paltered with my appetite and, of course, yielded to temptation to drink more and I just got so used that I made up my mind I must either quit the use of coffee or die."

"Everything I ate distressed me, and I suffered severely almost all the time with palpitation of the heart. I frequently woke up in the night with the feeling that I was almost gone—my heart seemed so smothered and weak in its action that I feared it would stop beating. My breath grew short and the least exertion set me to panting. I slept but little and suffered from headaches."

"Two years ago I stopped using the coffee and began to use Postum and from that very first I began to improve. It worked a miracle! Now I can eat anything and digest it without trouble. I sleep like a baby, and my heart beats full, strong and really. My breathing has become steady and normal, and my rheumatism has left me. I feel like another person, and it is all due to quitting coffee and using Postum, for I haven't used any medicine and none would have done any good as long as I kept drinking with coffee. There's a reason. Read the little book, 'The Road to Wellville' in place."

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.



Watson's Patent Excavator.

An excavator capable of doing the work of 70 men in 10 hours has been perfected by William Watson of the Watson Excavator company, a Portland corporation. After 18 years of experimenting upon his machine, Watson has manufactured an excavator that will reduce the cost of ditch digging to a nominal figure.

This piece of machinery, which is now on exhibition at the Watson Excavator building at the end of Twenty-fifth street, is capable of digging 600 yards of dirt a day at a cost of one fifth of that of hand labor. It is claimed by the inventor, and those interested with him, that with a foreman and four laborers, the excavator can take out 55 cubic yards of dirt at a cost of \$25; this amount includes cost of labor and incidental running expenses. The same amount excavated by hand labor, basing the estimate on 21 cents per yard, would cost a contractor \$173 a day and it would be necessary to employ 68 men at \$2.50.

The company, which will make its home in Portland, where it is expected to start construction of 20 machines at once, was incorporated recently with a capital stock of \$20,000. The officers of the company are William Watson, president, and W. J. Curtis, secretary.

DEMOCRATIC CLAN WILL GREET BRYAN

Although William Jennings Bryan is not coming to Portland on a political mission, his appearance here tomorrow or Monday will be signal for gathering of the Democratic clans. The party leaders here are preparing to receive the champion of Democracy and the extent of the reception will depend solely on the time at the disposal of the guest.

Mr. Bryan is on his way from his home in Nebraska to the Seattle exposition, where he will be the guest of honor next Tuesday. For this reason it will be necessary for him to leave Portland at midnight Monday night.

The time of his arrival is not yet known. Mr. Bryan's only address in Portland will be a lecture given at the Taylor street Methodist church Monday night under the auspices of the Young Men's Christian Association. General Secretary Stone is now awaiting a letter announcing the topic of this address. While here Mr. Bryan will be the guest of D. M. Watson, a personal friend and a prominent Portland Democrat. Mr. Watson and other Democrats are planning to meet Mr. Bryan at the depot and escort him in automobiles to his quarters in the Imperial hotel. He will also be taken on an automobile trip around the city, if sufficient time is available.



Will D. Howard, leading man of the Athon Stock company, who died today.

Monarch MALLEABLE

The "Stay Satisfactory" Range

Gold Medal, Seattle, September, '09 -- Gold Medal, Portland, October, '05

Never has a Malleable Range been awarded higher honors

If you know nothing about ranges you can safely take the decision of the juries of experts at the expositions. If you care to investigate, we can prove the Monarch to be the range you should buy.

Exhibited at only two Expositions Wins Gold Medals Each Time



Celebrate With Us, This Glorious Victory

A TEN POUND TURKEY FREE

Every person purchasing a Monarch from this date until Thanksgiving, will receive a FREE TURKEY on that occasion.



A TEN POUND TURKEY FREE

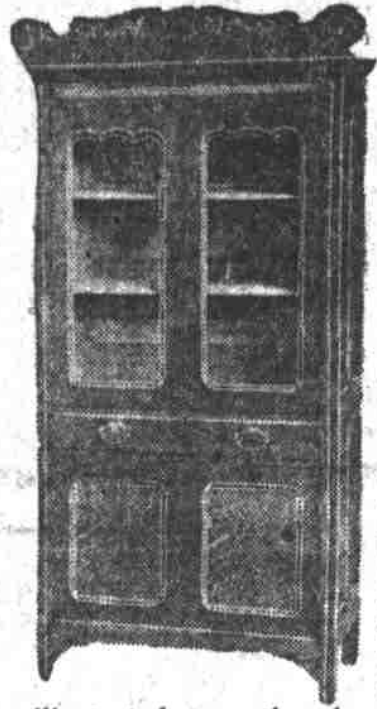
Prices are not raised to pay for the Turkey. It is a free gift from us and not taken out of your pocket by raising the price of the range.

100 KITCHEN SAFES

On Special Sale

\$8.50 Values Only

\$5.95



A SPECIAL SALE DINING CHAIRS

No. 5—Wood Oak-Seat Chair, fancy shape, large smooth back, \$1.30 reg. price, now 92¢
No. 398—Cane-Seat Oak Diner, long posts, \$1.65 value, sale price 99¢
No. 439—Polished Oak Diner, box seat, upholstered, \$2.75 value \$1.98

Great Special Sale of OAK BUFFETS



No.	Reg. Price.	Sale Price.
182	\$22.50	\$16.25
126	\$25.00	\$16.50
595	\$25.00	\$18.75
260	\$50.00	\$29.00
831	\$58.00	\$35.00
252	\$54.00	\$36.00
269	\$70.00	\$47.00
130	\$100.00	\$65.00

as illustrated, excepting there is no glass in the upper doors. They can be furnished, however, with two glass doors for \$1.50 extra. Do not miss this chance to get a fine Kitchen Safe at the factory price.

\$8.50 VALUE ONLY \$5.95



Roxbury Carpets 99c

The Yard . . . Sewed and laid. We are closing out this make of carpets. It is one of the best Tapestry Brussels made and is regularly worth \$1.35 the yard.

185 191 FIRST ST EDWARDS CO HOUSE FURNISHERS A GOOD PLACE TO TRADE

THIS HEATER BURNS EITHER COAL OR WOOD



\$7.00 VALUE ON SALE AT \$5.95

Has nickel rails, nickel rim, screw draft and fancy urn. Body 10 1/2 inches diameter; stands 32 inches high. Setting up this stove 50c extra.

AVALANCHE OF BOOKS NEARLY BURIES COURT REPORTER IN VAULT

Alton Rogers, one of the official court reporters at the courthouse, had things coming his way late Friday afternoon. It happened in the vault in the county clerk's office, and the things referred to were 18 pound record books that came piling down by the hundreds from a big filing case.

BUILDING PERMITS ISSUED YESTERDAY

Building permits aggregating \$9,550 were issued yesterday at the city hall as follows: Weinhard estate, repair three story frame saloon, Burnside street between Second and third, builder H. Stiner, \$100.
Y. Dantoff, repair two story frame dwelling, Gibbs street between First and Second, builder same; \$1500.
John Westland, erect one story frame shop, Ivy street between Northwick and Kirby, builder same; \$50.
City of Portland, erect two story brick engine house, Russell street between Williams and Rodney avenues; builder W. B. Steels Jr.; \$14,000.
C. Hart, repair one and one half story frame dwelling, East Forty-ninth street between Yamhill and Belmont; builder same; \$150.
B. E. Beatty, erect one story frame dwelling, East Yamhill street and East Thirty-first, builder G. E. Gruber; \$500.
B. J. Dunford, erect one story frame dwelling, East Forty-ninth street between Yamhill and Clinton; builder same; \$150.
Alice J. Petty, erect one and one half

reach still short, and he stepped upon one of the big books in the case to boost himself higher. The big case tipped with his weight, and in a moment there was an avalanche of books on the way to the floor.
Rogers is not certain how he escaped injury, he jumped and in some way came clear of the big slide. The filing case lodged against the balcony of the vault, or it would have crushed Rogers beneath it. As it was the books were piled in a hopeless heap on the floor, and last night only a few of them had been redistributed to the shelves.

same; \$1500.
M. Olson, erect one and one half story frame dwelling, East Thirty-eighth street between Stevens and Harrison; builder same; \$2000.
Niner & McFarland, erect one and one half story frame dwelling, East Thirty-eighth street between Stevens and Harrison; builder same; \$1500.
Niner & McFarland, erect one and one half story frame dwelling, East Forty-sixth street between Lincoln and Grant; builder J. H. Cleland; \$800.
J. B. Fram, repair two story frame dwelling, East Third street between Multnomah and Wasco; builders, Velguth & Pierce; \$40.
Mrs. M. Velguth, repair one and one half story frame dwelling, East Fifteenth street between Tillamook and Thompson; builders Velguth & Pierce; \$50.
G. W. Peterson, erect one story frame dwelling, Morgan street between Vincent and Octavia, builder same; \$1000.
Gregory Investment Co., erect one story frame dwelling, East Seventy-first street between Fremont and Klakitt; builder same; \$250.
Gregory Investment Co., erect one story frame dwelling, East Eighty-third street between Klakitt and Siskiyou; builder same; \$250.
Gregory Investment Co., erect one story frame dwelling, East Eighty-third street between Klakitt and Siskiyou; builder same; \$250.
Frank Eury, repair two story frame store, First street between Clay and Market; builder H. Glaze; \$100.
J. B. Lilly, erect one story frame dwelling, Crookham avenue near Millwaukie; builder A. C. Meyer; \$1000.
Norman R. Laidis, erect one story frame dwelling, Matthews street between Wisdom and Beecher; builder same; \$1200.
David I. Moots.
Gold Beach, Or., Oct. 7.—Davis I. Moots, one of the early pioneers of Curry county, died at his home on Bucks creek at the age of 87. He had been confined to the house for the past two years from the effects of a paralytic stroke. He leaves a widow and six grown sons.

EYES EXAMINED CAREFULLY AND ACCURATELY

By our expert optometrist whose experience in the refracting and mechanical branches of the optical profession is absolutely correct in detail for reliable and permanent results.

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