

Power of the Waves.

The tremendous power of sea waves was illustrated at Wick, on the extreme northern coast of Scotland, where a breakwater was being built. It may give an idea of what wave power really can do. It was found that stones of ten tons weight were as pebbles to the waves, which have been measured and found to be fifty-two feet from crest to the bottom of the trough. The outer end of the breakwater, where the storms beat most violently, was built of three courses of one hundred-ton stones, laid on the rubble foundation; next above these were three courses of large flat stones, and upon these a mass of concrete built on the spot of cement and rubble. The end of the breakwater was thought to be as immovable as the natural rock, yet the resident engineer saw it yield to the force of the waves and swing around into the troubled water inside the pier. It gave way not in fragments, but in one mass, as if it were a monolith. The displaced mass is estimated to weigh about 1,500 tons.

The auxiliary steamer George S. Homer has just sailed from New York for Portland. This is the first vessel constructed for the Cape Horn trade with auxiliary steam power, and this is her first voyage.

The peanut industry of the United States is valued at \$3,000,000 annually.

Mr. R. M. J. Paynter, the Western Union Telegraph Manager, at Richmond Va., says he used St. Jacobs Oil for rheumatism and testifies strongly to its beneficial effects.

COMMERCIAL AND TRADE.

PORT OF ASTORIA.

READY FOR SEA.

General Fairbairn, Am. sp. Quarantine Jan. 27. Willam, Am. sp. Quarantine Jan. 27.

ARRIVALS FROM SEA.

Queen of the Pacific, S. F. Jan. 27. Vesels in the River. Lizzie Bell, Br. 14. Lutterworth, Br. 14.

VESSELS ON THE WAY.

From Foreign Ports, for the Columbia River. Bessie, R. p. Adelaide, Sept 26th. tiawack, Br. 15. Brisbane Nov 2.

From American Ports.

Choroburn, Am. sp. N. A. 11. Harry Moore, Am. sp. N. A. 11. U.S. Fish Commission, Am. sp. N. Y. 2.

FIDE TABLE FOR ASTORIA.

Table with columns for Date, High Water, Low Water, and other tide data.

Common Council.

Regular meetings second and fourth Tuesday evenings of each month, at 7 1/2 o'clock.

Street Grade Notice.

NOTICE is hereby given that the Common Council of the City of Astoria, Oregon, propose to establish the grade of Cedar street at its western terminus, 28 feet above the base of grades.

Astoria Market.

Butter - Extra fine 20 1/2 cents a lb. Choice 18 1/2. Dried fruit - Raisins 10 1/2. Peas 10 1/2. Beans 10 1/2. Corn 10 1/2. Potatoes 10 1/2. Apples 10 1/2. Sugar 10 1/2. Coffee 10 1/2.

Know

That BROWN'S IRON BITTERS will cure the worst case of dyspepsia. Will insure a hearty appetite and increased digestion. Cures general debility, and gives a new lease of life. Dispers nervous depression and low spirits.

Restores an exhausted nursing mother to full strength and gives abundant sustenance for her child. Strengthens the muscles and nerves, enriches the blood. Overcomes weakness, wakefulness, and lack of energy. Keeps off all chills, fevers, and other malarial poison. Will infuse with new life the weakest invalid.

BROWN'S IRON BITTERS will have a better tonic effect upon any one who needs "bracing up," than any medicine made.

LOEB & CO.,

SOLE IMPORTERS OF WINE, LIQUORS, AND CIGARS.

Best San Francisco Houses and Eastern Distilleries.

Opposite Harbor House, Astoria, Oregon.

Plumbing, Gas and Steam Fitting. All Work Warranted.

J. S. WOODCOCK.

Stephans Varieties GRAND OPENING. A LIVELY ENTERTAINMENT.

Health is Wealth. Dr. E. C. Wood's Nerve and Brain Treatment.

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Astoria Market.

Butter - Extra fine 20 1/2 cents a lb.

Common Council.

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Astoria Market.

Common Council.

Street Grade Notice.

A. V. Allen,

Wholesale and retail dealer in Groceries, Provisions, and Crockery.

Glass and Plated Ware. TROPICAL AND DOMESTIC FRUITS AND VEGETABLES.

Wines, Liquors, Tobacco Cigars

WILSON & FISHER, SHIP CHANDLERS.

Iron, Steel, Coal, Anchors, Chains.

TAR, PITCH, OAKUM, WROUGHT AND CUT GALVANIZED SPIKES.

Nails, Copper Nails and Bars, Shelf Hardware, Paints and Oils.

PROVISIONS. FLOUR AND MEAL FEED.

HILL'S VARIETIES. GEO. HILL, PROPRIETOR.

MISS MAMIE GOODRICH and BILLY MORTON.

MESSRS. DOWNS & ALICOTT, MISS PEARL CAREW.

RICHARDS and EVANS, Together with a new ORCHESTRA.

Open all the Year, Performance Every Night. Entire Change of Program once a week.

Variety Entertainment in the West.

The theatre is crowded nightly, and all who have witnessed the entertainment...

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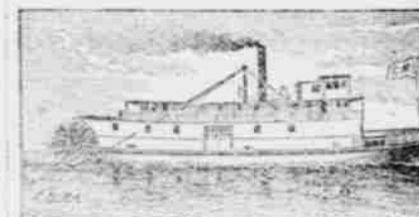
Street Grade Notice.

New Goods! New Goods! CITY BOOK STORE.

The Best Store in the City to get your Money's Worth. Albums, Autograph and Photograph all sizes and Prices.

Books from a Dime Novel to Webster's Unabridged. Gent's Jewelry and Cutlery. Writing Desks of all sizes. Mar Twains Scrap Books, Bibles, Prayer Books and Bibles, also, the Key to Heaven.

B. F. STEVENS & CO., City Book Store.



STEAMER CLARA PARKER.

Eben P. Parker, Master.

For TOWING, FREIGHT OR CHARTER. H. B. PARKER.

THE NEW MODEL



E. R. HAWES, AGENT.

CALL AND EXAMINE IT, YOU WILL BE PLEASED.

Back patent Cooking Stove. And other first-class stoves.

A FULL STOCK ALWAYS ON HAND. E. R. HAWES, ASTORIA, OREGON.

John A Montgomery,

DEALER IN Tin, Sheet Iron and Copper Ware.

HOUSEHOLD GOODS. Agents for Magee Stoves and Ranges.

Plumbing, GAS FITTING, AND CANNERY WORK. Attended to Promptly on Reasonable Terms.

CHAS. HEILBORN, MANUFACTURER OF FURNITURE AND BEDDING.

Corner Main and Squemoqua Streets, Astoria, Oregon.

Notice of Application to Purchase Timber Land.

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Peruvian Syrup. Cures various ailments.

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SHIPPING NOTICES. TRANSPORTATION LINES.

Columbia Transportation Co. FOR PORTLAND.

FLEETWOOD. Which has been refitted for the comfort of passengers...

Astoria and Portland. Str. WESTPORT, F. R. TURNER, MASTER.

New Vessel. MY NEW STEAM YACHT RELIC.

MARKETS. CENTRAL MARKET.

Canned Fruits and Jelly. Bacon, Hams, Shoulders, Lard, EGGS, BUTTER, CHEESE.

FRESH FRUITS AND VEGETABLES. FISH, POULTRY AND GAME.

CIGARS AND TOBACCO. Best of WINES AND LIQUORS.

ASTORIA MARKET. D. K. WARREN.

FRESH AND CURED MEATS. Vegetables, Butter, Eggs.

CHOICE FAMILY GROCERIES. Constantly on hand.

Washington Market. BERGMAN & BERRY.

RESPECTFULLY CALL THE ATTENTION of the public to the fact that the above Market is now open...

Piles! Piles! Piles! No One Needs!

A Sure Cure Found at Last!

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