The Daily Astorian.

ASTORIA. OREGON:

THURSDAY..............OCTOBER 4, 1888.

WOOD PULP, ETC.

WARNER MILLER, who is now generally conceded to be in a fair way to be the next governor of New York state, is a good example of what ability and determination and singleness of purpose can do. Just after the war, paper, such as THE ASTORIAN is printed on, sold for fourteen cents a pound. He thought and planned various projects for making it cheaper, and after years of experiment and discouragement, hit on "wood pulp," out of which he has made a fortune. It was a matter of wide significance. Miller's "wood pulp" made cheap paper possible. "News" paper has steadily declined in price, and it is the Miller process that enables THE ASTORIAN and thousands of other papers to sell for a mere trifle. The paper on which these words are printed is made chiefly from trees, cottonwood, and pine, that grow on the Chippewa and Sac rivers in Wisconsin. The trees are ground into pulp, there is some earth, a little rags, and the paper is ready for the printer. It costs THE ASTORIAN 4¾ cents a pound, buying it in such large lots as we do. Thanks to the system of railroads that gridiron the country and compete for business, the paper can be carried from the pine forests of Wisconsin to the mouth of the Columbia river, and dumped on the O. R. & N. dock here for 1¼ cents a pound, making the paper cost us six cents a pound.

But for Miller's invention; but for the genius of the men who threw a track across the continent and tied a knot in the railroad iron on top of the backbone of the mountains, THE ASTORIAN and other papers couldn't be supplied for fifteen cents a week. It is such men as Warner Miller that made cheap newspapers possible.

There are a good many paper mills on this coast, but for some reason they all seem to want to get rich too fast, and ask a very big price for their paper; that is, the middlemen do. If the paper manufacturers would throw the middlemen overboard and talk business, they could sell twice their present output to Oregon and Washington newspaper proprietors who would be glad to encourage home industry, but naturally object to building up the fortunes of a commission agent in two years.

We have a pulp mill close by at Young's River Falls, which may in time develop into a paper mill. The supply of fir and spruce is inexhaustable, and fir and spruce make the best pulp, better even than the Wisconsin pulp, which is the basis of the paper on which this is printed. Some newspapers own their own paper mills.

When Astoria has grown to the size that her position and manifest destiny entitle her, THE ASTORIAN, issuing eight-page editions and a mammoth Sunday edition, will find it more convenient to manufacture its own paper, and will get its supply by electric railway from its mill at Young's River Falls, or elsewhere.

To some one who has this time and can catch onto the combination, there is material for a poem in the fact that a lofty spruce, its roots grappling the ancient soil, its shaggy area the haunt of the bird and beast of the forest, its head lifted into the glorious light; this tall column, firm, immovable, the result of a thousand years of sunshine and storm, the embodiment of vigorous growth and a type of the eternal—may in the subtle alchemy of modern science, be cut down, trimmed, split, sliced, seized and whirled through wheels and pulverized, rolled, turned into paper, flung into the maw of a printing press, caught by teeth and grippers, wrapped round a cylinder, married to the smooth embrace of a form of type, thrown on a folding table, and, what magic change! the great tree of the forest that flashed its dewy boughs in the rays of the rising sun, appears at the next dawn, less than twenty-four hours after, as a folded, printed sheet of paper with the news of the day; with printed on it news of events on the other side of the world that had not transpired when the first tremor of the woodsman's ax yesterday went through that tree's giant frame.

People talk of magic, miracles, wonders. Here is a bare, exact recital of a sober, daily fact.

THERE are big grain crops in Oregon this year, the salmon pack is pretty well, I thank you, loggers haven't lost any money, steamboat men are not suffering, and election news, the weather, the outlook for the future, etc., combine in supplying reasons for fervent observance of next month's Thanksgiving Day.

THE St. Louis Post-Dispatch offered $50 reward for the best lie. The

prize was awarded to a man who described a great and magnificent union depot. About a week after Jay Gould ordered the erection of a $1,000,000 union depot for St. Louis. Another proof that truth is stranger than fiction.

ILWACO ITEMS.

ILWACO, Oct. 2, 1888.

The steamer *Walluski* was here today with some stock for Mrs. Stout's place on the weather beach.

The I. R. & N. Co. have completed and opened a splendid roadway alongside the railroad track from the town to the outer dock. Being perfectly level, it is far superior to the old roadway over the hill.

Public school opened Sept. 17, Mrs. M. Lambson, principal, and Miss McCann, lately from Astoria, assistant.

Two new houses have just been completed. Slowly, but steadily Ilwaco increases in buildings and population.

The Central hotel is closed. The Ilwaco hotel is being repainted and papered.

E. Heath recently killed a seven-pronged elk near Bear river, that dressed 800 pounds. Unfortunately the hot weather spoilt the meat before it could be transported to town.

Everybody appears to be busy and no idle men around.

We will soon have a box factory at work.

Born—Sept. 30, to the wife of C. D. Rogers, a son.   X.

Remarks About Salmon.

Fish commissioner E. P. Thompson tells the *Telegram* that the commissioners would take charge of the Clackamas hatchery on November 1st. There are between 4,000,000 and 5,000,000 eggs at the hatchery now, and things are going swimmingly; but the fish won't be ready to turn out for a month or six weeks yet.

The strike among the salmon fishermen along the coast has delayed the arrangements entered into by the fish commissioners for stocking Oregon waters with McCleod river salmon, so that nothing can be done this year.

Mr. Thompson is of the opinion that salmon when hatched stay in the rivers for from eighteen months to two years before going to the sea, and weigh from two to three pounds when they first taste salt water. He is furthermore of the opinion, backed by careful observation, that the salmon of each river always return to the same stream, and do not enter new waters. As an example, the fish of Smith's river in northern California are greatly inferior in size and quality to the Chetco fish, a stream of southern Oregon, and yet the two streams empty into the ocean within seven miles of each other.

The Verdict Unanimous.

W. D. Suit, Druggist, Bippus, Ind., testifies: "I can recommend Electric Bitters as the very best remedy. Every bottle sold has given relief in every case. One man took six bottles, and was cured of Rheumatism of 10 years' standing." Abraham Hare, druggist, Bellville, Ohio, affirms: "The best selling medicine I have ever handled in my 20 years' experience, is Electric Bitters." Thousands of others have added their testimony, so that the verdict is unanimous that Electric Bitters do cure diseases of the Liver, Kidneys or Blood. Only a half dollar a bottle at W. E. Dement & Co's Drug Store.

NEW TO-DAY.

Proposals for Stationery.

OFFICE OF THE SECRETARY OF STATE, }
SALEM, Or., Sept. 27th, 1888. }

Sealed proposals will be received at this office until noon November 27th, 1888, to furnish the following articles for the use of Oregon :

20 reams legal cap, 14 ℔, No. 8 ruling, white laid, Carew, Charter Oak or Scotch Linen.

20 reams letter paper, 12 ℔, No. 8 ruling, white laid, Carew, Charter Oak or Scotch Linen.

30 reams first class Congress note, 7 ℔, packages, No. 8 ruling, white laid.

15 ℔ No. 5 white envelopes, 60 ℔, No. 1 rag XXX.

15 ℔ No. 9 white envelopes, 60 ℔, No. 1 rag XXX.

12 gross railroad steel pens, No. 149.

15 gross Gillott's steel pens, No. 404.

2 gross Easterbrook "J" pens.

5 gross Faber's pen holders, No. 1856.

4 dozen Tower Manufacturing Co's barometer and brass backed inkstands.

12 dozen ivory folders, 8 inch, Standard.

8 dozen ivory folders, 10 inch, Congress.

10 dozen mucilage cups, No. 8, Morgan's patent.

1 dozen mucilage stands, reservoir, No. 6, Morgan's patent.

2 reams Parker's treasury blotting paper, 140 ℔, assorted colors.

3 gross No. 2 Eagle Recorder lead pencils, style 668.

4 dozen Arnold writing fluid, quarts.

2 dozen David & Sons writing fluid, quarts, black.

2 dozen Sanford's premium fluid, quarts.

15 dozen "Duplex" cap board letter clips.

12 dozen Faber's rubber rulers, 14 inch, flat.

12 dozen steel erasers, Rogers', No. 1849, B.

3 dozen steel erasers, Rogers', No. 1849, B.

20 boxes Faber's No. 300 rubber bands, assorted sizes.

4 gross Faber's lead pencils, No's 2 and 3, hexagon, gilt.

10 gross Faber's lead pencils, round, gilt, No. 2.

6 dozen Faber's patent ink and pencil rubber erasers, small.

1000 McGill's patent paper fasteners, No. 2.

1000 McGill's patent paper fasteners, No. 1.

18 dozen gummed slate files, No. 21, 13x15 in.

12 dozen table pads for paper, 19x24.

10 dozen waste paper baskets, cross bar, No. 4.

20 ℔s. hemp twine, No. 12.

At the same time separate bids will be received for 12 dozen Wostenholm congress knives to be described by trade Nos. Samples to be exhibited.

Bids should be marked "Proposals for Stationery." None but best quality of goods received.

The right to reject any or all bids is reserved.

All goods to be delivered before January 1st, 1889. Payment to be made by warrant on state treasury.   GEO. W. McBRIDE,
                                    Secretary of State.

IMPROVEMENT MOUTH OF THE COlumbia River Oregon. U. S. Engineer Office, Room 59, Union Block, Portland, Oregon, September 25, 1888. Sealed proposals, in triplicate will be received at this office until 12 o'clock (noon) Thursday, October 25, 1888, for the construction of four mound mats: Length 120 feet, Beam 32 feet, Depth 8 feet. For specifications, blank proposals and all information apply at this office. Thos. Handbury, Major, Corps of Engineers, U. S. Army.

NEW TO-DAY.

Notice to Contractors

NOTICE is hereby given that bids will be received at the office of the Auditor and Police Judge, until Saturday, October 6th, at 12 o'clock M., for the improvement of West 9th street, in front of lot 6, block 118; lots 6 and 7, block 115; lot 6, block 17; N. ½ of lot 7, block 20; N. ½ of lot 7, block 55; lot 12, block 19; N. 77 feet lot 1, block 19; lot 12, block 18; lot 1, block 18; S. ¾ of lot 12, block 116; N. ¼ of lot 1, block 116; in the manner provided by Ordinance No. 1042.

The right to reject any and all bids is hereby reserved.

By order of the Committee on Streets and Public Ways.

Attest :   T. S. JEWETT,
Astoria, October 4th, 1888. Auditor and Police Judge.

Wilson & Fisher

Ship Chandlers,

HEAVY AND SHELF

HARDWARE

FARM IMPLEMENTS,

Paints, Oils, and Varnish.

LOGGERS' SUPPLIES.

PROVISIONS

AND

MILL FEED

AGENTS FOR

SALEM PATENT ROLLER MILLS

Portland Roller Mills,

FAIRBANKS' SCALES.

ASTORIA. OREGON.

J. H. D. GRAY

Wholesale and retail dealer in.

GROCERIES FLOUR, AND FEED

Hay, Oats, Straw, Wood, Etc.

LIME, SAND AND CEMENT

General Storage and Wharfage on reasonable terms. Foot of Benton street, Astoria, Oregon.

John C. Dement.

DRUGGIST.

Successor to W. E. Dement & Co.

Carries Complete Stocks of

Drugs and Druggists' Sundries.

Prescriptions Carefully Compounded.

Agent for

Mexican Salve and
Norwegian Pile Cure.

Seaside Bakery.

Best Milk Bread and
CAKES OF ALL KINDS,

Manufacturers of Fine Candies.

—AND—

Ornamental Confectionery
And Ice Creams.

Wholesale and Retail Dealer in Candies,
JOHNSON, BROS.

CANDY Manufactured and For Sale at Wholesale Prices, at The Telephone Restaurant.

The Oregon Bakery

A. A. CLEVELAND, Prop'r.

Good Bread, Cake and Pastry

None but the Best Materials Used.

Satisfaction Guaranteed Customers

Bread delivered in any part of the city.

J. C. CLINTON

DEALER IN

CIGARS AND TOBACCO,
FRUITS. NUTS.

Candies. Smokers' Articles. Etc.

New Goods Received Daily.

Opposite City Book Store.

JOB PRINTING.

Neat, Quick And Cheap at The

ASTORIAN JOB OFFICE

Good Milch Cow and Calf,

FOR SALE. COW GIVES 3½ GALLONS milk, daily. Apply to
OTTO PETERSON,
Upper Astoria.

For Rent.

A NEAT COTTAGE IN UPPER ASTORIA Rent, $10 per month. Apply to
W. B. ADAIR.

Fine Pigs For Sale.

I HAVE SOME FINE BERKSHIRE MALE Pigs for sale. Any one desirous of improving his breed of hogs here have a good opportunity. Apply to D. P. Trullinger, at J. C. Trullinger's Mill.

Annual Meeting.

NOTICE IS HEREBY GIVEN THAT THE annual meeting of the stockholders of the Fishermen's Packing company will be held at the office of the company, at upper Astoria, Oregon, on Oct. 29th, 1888, at 2 o'clock A. M., for the purpose of electing a board of directors for the ensuing year and the transaction of such other business as may come before the meeting.
G. A. NELSON,
Secretary.

Valuable Property For Sale.

HALF MILE FRONTAGE

On the Columbia River, near of Astoria, in front of Sees. 23 and 24, T. 8 N., R. 10 W., suitable for mill sites, wharfage, etc. Will be sold in it's entirety, or in lots to suit. Write or apply to
HIRAM GRAY,
Skipanon, Or.

Allen & Krosel.

Handsome Wall Paper,

ARTISTIC DECORATION.

Painting, Papering. Graining, Etc.,

Done in Satisfactory Style and at Satisfactory Prices.

Corner Jefferson and Cass Sts., Astoria, Or.

Smelt and Sardine

NETS
and
SEINES

Made to Order by

Gloucester Net & Twine Co.,
BOSTON.

Shingles for Sale.

The Lewis and Clarke Lumber and Manufacturing Co.

Have for sale at Gray's Wharf, in lots to suit, the finest and best sawed Cedar Shingles ever offered in this market. For price apply to   J. H. D. GRAY,
Astoria, Oregon.

Magnus C. Crosby

Dealer in

HARDWARE, IRON, STEEL,
Iron Pipe and Fittings,
STOVES. TINWARE
AND
HOUSE FURNISHING GOODS

SHEET LEAD STRIP LEAD
SHEET IRON,
Tin AND Copper.

CITY BOOK STORE.

THE LEADING

STATIONERS AND BOOK SELLERS.

GRIFFIN & REED.

ESTABLISHED 1842.   CAPITAL $350,000.

AMERICAN NET & TWINE COMPANY.

MANUFACTURERS   OF ALL KINDS.

NETS. SEINES AND TWINES.

LINEN GILL NETTING A SPECIALTY.

The Oldest and Largest Manufacturers of

FISH NETTINGS.

IN THE UNITED STATES.

Salmon Purse Seines. Salmon Pound Nets. Salmon Gill Nets.

Fish Nettings of all kinds supplied at the shortest possible notice, and at the lowest rates. All made from our

Shephard Gold Medal Twines.

Guaranteed to be the strongest and most desirable twine now made especially for the

PACIFIC COAST FISHERIES.

This TWINE is manufactured only by ourselves, directly from the raw material, and costs no more in NETTINGS than the cheaper grades.

Send for samples; also for our illustrated catalogue. Highest awards at Boston, Philadelphia and London.

American Net and Twine Company.
BOSTON, MASSACHUSETTS.

H. B. PARKER,

FIRE BRICK   DEALER IN   FIRE CLAY

Hay, Oats, and Straw, Lime, Brick, Cement, Sand and Plaster

Wood Delivered to Order.   Draying, Teaming and Express Business.

STEAMER

CLARA PARKER

Eben P. Parker, Master.

For TOWING, FREIGHT or CHARTER apply to the Captain, or to
H. B. PARKER.

Seines, Pounds, Traps,

—AND—

FISH NETTING OF EVERY DESCRIPTION,

MADE TO ORDER OF BEST QUALITY.

Woodberry Seine Twines

AT LOWEST PRICES OF NETTING COMBINATION.

Barbour's Salmon Net Threads.

HENRY DOYLE & CO.,   517 and 519 Market St.,

Sole Agents for the Pacific Coast.