### The Daily Astorian.

ASTORIA, OREGON:

OCTOBER 6, 1887 THURSDAY .....

ASTORIA'S COMMERCE.

THE importance of Astoria's commerce is well illustrated by the recent statement of a prominent shipmaster that but for the freight at Astoria the freight business to Alaska would not be worth considering. Astoria being the base of supplies for all the outside salmon business from Port Orford to Behring's sea, keeps in business a fleet of vessels and makes remunerative employment for hundreds of men.

Not the least among the items of Astoria's shipping business is the receipt and trans-shipment of freight. Goods sold and manufactured elsewhere are sent to their destination via Astoria and can rightly be reckoned of an electric lamp, be viewed through as a part of our commerce.

The steady growth of outlying comerations a number of smaller river may be said to be the latest, as they munities keeps in active business opvessels admirably adapted for traffic on the waters of Clatsop, Pacific and Wahkiakum counties, and any day may be found from two to twenty vessels arriving and departing with freight and passengers. Some of the smaller craft serve the same purpose that wagons do in more arid climes.

Salmon, lumber, wheat and flour constitute the great bulk of Astoria's direct shipments, in addition to the 50,000 tons of annual importations.

During 1886, for which time complete statistics are attainable, freight receipts at Astoria included among other important items not here presented, 45,704 boxes tin plate, 814,264 she cheered up. saying: "I didn't think of it before, but if the bottom bushels wheat, 26,991 bbls. flour, 12,000 tons freight received by merchants the other side, couldn't I."—Detroit other important items not here pre-000 tons freight received by merchants from Portland and way ports, 2500 tons for Pacific and Chehalis counties. 3,000 tons delivered by small steamers owned in Astoria, 6,000 tons on steamers to the Sound and Alaska.

During the same year Astoria exported direct; 156.187 cases salmon, 814.264 bushels wheat, 26,991 bbls. flour and 2,346,000 feet of lumber, this of an aggregate value of over \$1,500,-000.

From Astoria indirect, additional during the same year, went foreign, 3,064,828 bushels wheat and 301,261 bbls. flour, worth over \$3,500,000.

During that year, not counting vessels in the lumber trade, nor vessels passing Astoria direct from and to other ports, there entered and cleared here 332 vessels foreign, and 384 constwise. The aggregate tonnage of the 332 foreign was 335,009 tons-an averof more than a thousand tons burthen to the vessel.

The aggregate tonnage of the 384 coastwise, was 548,637 tons-an average of over fourteen hundred tons

only represents what was taken offi- lican. emizance of by the custom house. To include all that passed in and out would make the total considerably over one million tons.

These facts and figures tend to give some general idea of the importance of Astoria's commerce.

MONEY IN A DROP OF SOLDER.

A STRIKING instance of the extent to which saving machinery is carried nowadays, says the Industrial Journal, is shown in the tin-can industry Everybody knows that tin cans are manufactured by machinery. One of the machines used in the process solders the longitudinal seams of the cans at the rate of fifty a minute, the cans rushing along in a continuous stream. Now, of course, a drop or two of solder is left on the can. The drop on the outside can easily be cleared away, but it is not easy to secure the drop left on the inside. It wouldn't do, of course, to retard the speed of the work-better waste the drop; it is only a trifle, anyhow, and to 999 men in 1,000 would not seem worth a minute's attention. The thousandth man worked for a firm using one of these machines, and he set about devising an ingenious arrangement for wiping the inside of the can, thereby saving that drop of solder and leaving none to come in contact with the contents of the can. He was en couraged by his employers to patent his invention, did so, and has already received several thousand dollars in royalties for its use. As the machine solders 20,000 cans a day, the solder saved by his invention amounted to about \$15 a day. It pays to think as you work.

RELATIONS OF FOG TO DUST.

THE experiments of M. M. Coulier and Mascart, extended by Aitkin, have demonstrated that in a perfectly moist air no formation of fog is possi ble, however much the temperature is lowered, so long as the air is absolutely free from dust, and that the more air, sufficiently moist, is charged with such foreign particles, the more

dense is the formation of fog under a sufficient lowering of the temperature or pressure of the air. Let filtered and completely moist air in a glass ball have its pressure diminished, then Ship Chandlers, only a few particles of fog will reveal themselves to the most careful inspection, even under the powerful light of an electric lamp-particles of fog which, moreover, yield not the slightest colored image. If they are now admitted into this filtered air a few cubic milimeters of ordinary house air, which always contains numerous motes or particles of dust, a very fine, silvery, transparent fog will at once form itself, of such slight density that, even in the case of a considerable area of it, the transparency of the atmosphere would be but SALEM PATENT ROLLER MILLS very slightly affected. If at the first moment of its formation a reflected image of the sun, or the reflected light it, the image will be seen surrounded Furniture and Upholstering, by an intensely luminous blue or greenish light. These investigations are also the most interesting and complete yet made in this direction.

#### LITTLE PEOPLE.

"What is that?" said a teacher to an infant pupil, pointing to a period. "That's the top of an i," said the child.—Life.

"You were a nice, quiet little boy in Sunday school this morning, Bobby," said the minister. "I was very much pleased." "Yes," replied Bobby, "pa said that if I'd behave myself in Sunday school I needn't go to church.—Philadelphia Call.

A little Cass-avenue girl came home from church greatly troubled over the bottomless pit. After awhile Tribune.

Sunday school teacher - Now, children, we must bear in mind that be-tween our last week's lessons and this quite a period of time is represented as having elapsed. During this time a very important event has taken place. Yes, Annie, you may tell us what it is. Annie—We've all got our fall hats.—Philadelphia News.

A few mornings since at breakfast, A few mornings since at breakfast, in a rich Clifton home, a little tot paralyzed his maternal progenitor by exclaiming: "Mamma, I love you better than I love oatmeal." "Do you love that much, dear?" was the tender rejoinder. "Well, I ain't stuck on it."—Cincinnati Telegram.

There is a 2-year-old boy in Kings ton who has an especial fondness for the society of his mother. The other day he stood at the foot of the stairs calling: "Mamma, mamma!" Finally the mother inquired: "Does baby want mamma?" The answer came back: "Baby wants mamma always." —Kingston Freeman.

A little Boston boy, aged six, is of a very imaginative temperament. Quite recently his mother noticed that at bedtime each night he laid his little boots together upon their sides, instead of setting them upright. "Pray burthen to the vessel.

Here we have an aggregate of 883,646 tons tonnage across the Columbia
bar in one twelve-months. It is to be
borne in mind that that aggregate they can rest."—Springfield Repub-

W. D. Sult, 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 off Rheumatism of 10 years' standing."

Abraham Hare, druggist, Bellville,
Ohio, affirms: "The best seiling medicine I have ever handled in my 20 years'
experience, is Electric Bitters." Thousands of others have added their testiony, so that the verdict is unanimou at Electric Bitters do cure diseases o the Liver, Kidneys or Blood. Only a half dollar a bottle at W. E. Dement & Co.'s Drug Store.

#### BORN.

In Astoria, Oct. 5, to the wife of Geo Knutsen, a daughter.

NEW TO-DAY.

1887 Skating! Skating! Reopening of the Roller Skat-

At Ross' Opera House. This is the seventh season Ross Bros. have managed Roller Skating in Astoria,

Admission, Gents... Admission. Ladies,

G. W. & A. E. ROSS, Propr's and Mg'rs. Taxes Due, School Dist. No. 9. Upper Astoria.

TAXES FOR THE ABOVE DISTRICT are now due and payable to the undersigned. WM, B, ADAIR.

Upper Astoria, Oct. 5, 1887.

GUSTAV BOENTGEN. GUNSMITH

New Guns made, Muzzlelonders made in-o Breechlonders. All kinds of Repairs done rst-class and cheap. Shop at Upper Asto-ia, near Northern Pacific Brewery. P. O. Address, Box 40.

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LADIES ARE INVITED TO CALL And Examine Goods. A Perfect System o

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building boats on the Columbia rivered hundreds of fine boats of my build make my guaranteet for good work. Head-quarters at the old Astoria from Works suilding. Will build boats at any point on he Columbia river where my services may WM, HOWE, Auction Sale of Steamboat.

THE UNDERSIGNED WILL SELL AT public auction, the steamer Annie, or Monday, Oct. 10th, 1887, at 2 o'clock P. M. at the wharf of the Astoria Iron Works, in J, G, MEGLER.

House and Lot For Sale. IN UNION TOWN: HOUSE 26x22 FEET, two stories: To be sold at a bargain. Apply to JOHN INUNDI. Uniontown.

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Invaluable Remedy Patented April, 1916. SENT BY MAIL. Price of Treatment, \$1.00 (Smoke Ball, \$2.00) Debella ter, for Internal Use, \$2.00).

CARBOLIC SMOKE BALL CO. 652 Market St., San Prancisco, Cal. Beware of Hartful Imitations. 59

## Fire! Fire!

Is one of the greatest blessings when you have it under control. If you build your fire in one of those Magee Ranges or one o those Acorns or Argands at John A. Montgomery's, you will find it a pleasure to prepare a meal, or if you get one of those Heatres you will find them to be clean and economical and an ornament to your parlor. If you intend getting a range or a heater don't fail to look at his stock. You should call in see his beautiful Ornamental Coal Vases.

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It you want a neat fitting Suit of Clothe go to J, E, ROSS,

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Something Entirely New. I am prepared to make up Suits cheape than the cheapest. Give me a call and be convinced that ean what I say. J. E ROSS.

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