The Daily Astorian.

Vol. XIV. Astoria, Oregon, Saturday Morning, January 29, 1881. No. 24.

GENERAL EASTERN NEWS.

BY MAIL AND TELEGRAPH.

Sawyer Wins in Wisconsin.

MADISON, Jan. 26th.—Philetus Sawyer was to-day elected United States senator.

The Democrats Win at Nashville.

NASHVILLE, Jan. 26.—On the 30th ballot, Howell E. Jackson, state credit democrat, was elected to the senate.

Prolonged Street Blockade in New York.

NEW YORK, Jan. 26.—A traffic blockade has begun in the lower part of the city, which continues from early morning till late at night. The blockade extends along Canal street from Broadway to West street, and is caused by a large number of trucks with goods for shipment on railroads. It has lasted two weeks, and seems to grow worse daily.

PACIFIC COAST NEWS.

BY MAIL AND TELEGRAPH.

The Nicaragua Company Endorsed.

SAN FRANCISCO, Jan. 26.—At a joint meeting of the board of trade and chamber of commerce yesterday a resolution was adopted requesting the legislature to grant the application of the Nicaragua Canal company for a charter.

Schooner Ashore.

SAN FRANCISCO, Jan. 26.—The schooner Venus, Capt. Olsen, master, hence on the 20th inst for Navarro, went ashore on the beach on the north side of Navarro river. It will probably be gotten off.

The Ralston Case.

SAN FRANCISCO, Jan. 26.—The case of Lizzie F. Ralston vs. William Sharon, for the recovery of the estate of the late Wm. C. Ralston, has been transferred from the superior to the United States Circuit court.

The First Casting of Iron.

Cast iron was not in commercial use before the year 1700, when Abraham Darby, an intelligent mechanic, who had brought some Dutch workmen to establish a brass foundry at Bristol, England, conceived the idea that iron might be substituted for brass. This his workmen did not succeed in effecting, being probably too much prejudiced in favor of the metal with which they were best acquainted. A Welsh shepherd-boy named John Thomas had, some little time previous to this, been received by Abraham Darby into his workshop on the recommendation of a distant relative. While looking on during the experiments of the Dutch workman, he said to Abraham Darby that he thought he saw where they had missed it. He begged to be allowed to try; so he and Abraham Darby remained alone in the workshop all night struggling with the refactory metal and imperfect molds. The hours passed on and daylight appeared, but neither would leave his task; and just as morning dawned they succeeded in casting an iron pot complete. The boy entered into an agreement with Abraham Darby to serve him and keep the secret. He was enticed by the offer of double wages to leave his master, but he continued faithful; and from 1709 to 1822 the family of Thomas were confidential and much-valued agents to the descendants of Abraham Darby. For more than one hundred years after the night in which Thomas and his master succeeded in making iron casting in a mold of fine sand contained in frames and with air-holes the same process was practiced and kept secret at Coldbrook Dale with plugged keyholes and barred doors.

—Shipping Receipt Books for sale at this office.

Spatter Work.

This work is greatly admired and is something both ornamental and useful. It can be made as fine as an engraving, and with patience and good taste, a beautiful picture can be produced. For the benefit of a great many who admire this work, but are unable to produce the desired results, we give the following:

In selecting your ferns for this beautiful work, take the narrow and deeply-cleft leaves. You will want all sizes, but more small ones. In pressing, do not have them all straight; bend them in various forms—that is, drooping and many little graceful ways.

You will want a large board, a little larger than a large sheet of drawing paper. It must be very smooth, soft and light; put strips across the back that it may not warp. A fine wire sieve, made round. The frame of this is six inches in diameter, and one inch and three-fourths in depth. Fine wire gauze like a flour sieve is set three-fourths of an inch from one edge which is the top. The handle is set in the top, sloping down; is five and one-fourth inches long, one-half inch in diameter where it is set and one inch at the other end. Two dozen papers of fine needles will be none too many for a large picture; a horse-shoe magnet to pick up falling needles, and a very stiff tooth-brush.

We will make a cross: Tack your bristol-board smoothly on your lap-board, lay the cross pattern on the paper and slightly outline with a pencil; take off the pattern and lay on the ferns and vines as you wish them to be seen on the cross; put on the pattern cross, pin very smoothly. A narrow strip should be cut from the right side of the pattern, the whole length, under the right arm and the end also under the left arm. Put on the shadows with the rest of the pattern, and be sure there is not the slightest space between. Put more ferns on the pattern with ends projecting over.

A descending dove with a fine branch in his mouth is a great addition. Take some dove picture, cut the wings close to the body, then pin all on, spatter; when a little dark take off the lower wing, spatter; then the upper, spatter; then the body, spatter; then the branch; small birds and angels are pretty among the ferns.

Pin each tiny cleft down, or the dampness will curl your leaves and spoil your picture. When all this is done, take a saucer a little more than half full of hot water, rub your India ink in water until as thick as thin cream; place a newspaper beside you; dip your brush very lightly in the ink and spatter first upon the paper, and when the ink is most rubbed off the sieve, spatter your picture. Do not be discouraged if you do not see it grow black for many minutes, it will be all the nicer; continue rubbing your brush on the sieve until it is perfectly clean. Your best spatters are when you see no ink on your sieve.

After the leaves you put on last are sufficiently black take off one at a time and put immediately in pans for future use. Spatter the removal of each leaf. Take off your shadows, one at a time, spatter. When all the shadows and outside leaves are off, and you have spattered last, take off the cross, pin down the leaves that were under the pattern, spatter till dark enough; then take all off and spatter over the whole. Keep the upper part of cross light. All leaves, etc., intended to be light, must be left on till the last. The base of the cross should be very dark. Look at the inside of your sieve often, that spray may not form drops and blot your work. If you should blot it, or find large spatters, tear off a small piece of blotting paper, dampen it, and touch the blot lightly till all soaked up.

An anchor is pretty with birds among the ferns. Also a harp, with cupids, etc. The work when once commenced should never be left till completed. The leaves will curl up after being dampened and the ink spoils in a few hours. It takes eight or more hours steady work to make a good picture. The work is beautiful for shams, bureaus, wash stands, tidies, etc.

—Buy a copy of THE WEEKLY ASTORIAN to-day.

The Daylight of an Arctic Winter.

Lieut. Schwatka, since his recent return from a successful expedition in search of the remains of Sir John Franklin's ill-fated company, combats the prevalent opinion that the Arctic winter, especially in the higher latitudes, is a period of total darkness. In latitude 83 degrees, 20 minutes, 20 seconds north, the highest point ever reached by man, there are four hours and forty-two minutes of twilight on December 22, the shortest day in the year, in the Northern Hemisphere. In latitude 82 degrees 27 minutes north, the highest point where white men have wintered, there are six hours and two minutes in the shortest day; and latitude 84 degrees, 32 minutes north, 172 geographical miles nearer the north pole than Markham reached and 328 geographical miles from that point, must yet be attained before the true Plutonic zone, or that one in which there is no twilight whatsoever, even upon the shortest day of the year, can be said to have been entered by man. Of course, about the beginning and ending of this twilight it is very feeble and easily extinguished by even the slightest mists, but on clear cold days, or nights, properly speaking. The north pole itself is only shrouded in perfect blackness from November 13 to January 29, a period of seventy-seven days. Supposing that the sun has set (supposing a circumpolar sea or body of water unlimited to vision) on September 24, not to rise until March 18 for that particular point, giving a period of about fifty days of uniformly varying twilight, the pole has about 188 days of continuous daylight, 100 days of varying twilight and seventy-seven of perfect inky darkness (save when the moon has a northern declination) in the period of a typical year. During a period of a little over four days the sun shines continuously on both the north and south poles at the same time, owing to refraction parallax, semi-diameter and dip of the horizon.

The area of potatoes in the United States in 1881 was 1,840,000 acres, against 1,836,800 in 1879; the product was 168,386,000 bushels against 181,625,000 in 1879, the average yield per acre being 91½ bushels against 99 bushels the year before. The yield of 1879 was the largest in five years, but the price was not nearly equal to that of 1876 or 1878. The average annual production for five years is 153,876,000 bushels.

Have Wistar's balsam of wild cherry always at hand. It cures coughs, colds, bronchitis, whooping cough, croup, influenza, consumption, and all throat and lung complaints. 50 cents and $1 a bottle.

AMUSEMENTS.

HILL'S VARIETIES.

Geo. Hill, proprietor, Fred Gere, manager.—The entertainment will conclude with "Dr. Fowler" or "Mesmerism," and the "new wedding party" by Nickerson and Staley. The evenings amusements to commence with the ever popular first part, Nickerson and Staley as the funny men, Gere interlocutor. Miss Morrison in new ballads, Morice in vocal gems, Mr. Richard Bruce with his drum solo, Staley with his champion jig, Gere with his German eccentricities, and a very pathetic balad by a very pathetic individual, whose name pathetically is Nickerson. Nine people on the first part, and an exhibition equal to any on the coast. Mr. Hill invites criticism. Come and see for yourself. New orchestral selections and new music on the grand stand under the leadership of Mr. George Lambert at 6:30 P. M. The entertainment will begin at 7:30 P. M. Entrance on Benton street. Private boxes on Chenamus.

Teachers Institute Notice.

A teachers institute will be held at the Congregational church in Astoria, on Friday and Saturday, January 28th and 29th, 1881. A cordial invitation is extended to all who are interested in the schools of the county; and all teachers, whether at present engaged in teaching or not, are especially requested to attend. S. T. MCKEAN, Superintendent.

MISCELLANEOUS.

WELCH HILL WATER WORKS

Furnish pure SPRING WATER to patrons. *Custom Solicited.* Pipes and general water fixtures constantly on hand. Plumbing at reasonable rates. Office on West-Eighth street near O. R. & N. Co's wharf. JAS. W. WELCH, Agent. Astoria, Oregon.

PIKE & STOCKTON.

HOUSE, SIGN —AND— CARRIAGE PAINTERS,

PAPER HANGING AND WALL COLORING —A SPECIALTY.— *GLAZING PROMPTLY ATTENDED TO.* Shop next door to Astorian Office, in Shuster's building.

D. K. WARREN. T. W. EATON

Astoria Market!

OPPOSITE OCCIDENT HOTEL, ASTORIA, - - - - OREGON. WARREN & EATON, Proprietors. (Successors to Warren & McGuire) Wholesale and Retail Dealers in

Fresh and Cured Meats

A full line of FAMILY GROCERIES, FLOUR, FEED HAY, CANNED FRUIT, VEGETABLES, ETC. Butter, Eggs, Cheese, etc. constantly on hand. Ships supplied at the lowest rates.

Merrill & McGregor,

Blacksmiths and Machinists,

Capt. Roger's old stand, Astoria, Oregon.

All work in our line, heavy or light, done with neatness and dispatch.

Horseshoeing, Wagon and Farm Work a Specialty.

All work warranted and at reasonable rates.

GERMANIA BEER HALL —AND— BOTTLE BEER DEPOT. CHENAMUS STREET, ASTORIA.

The Best of Lager 5 Cts. a Glass

Orders for the

Celebrated Columbia Brewery BEER

Left at this place will be promptly attended to. No cheap San Francisco Beer sold at this place. WM. DOCK, Proprietor.

W. J. MCCABE, Astoria. J. A. BROWN, Portland.

BROWN & McCABE, STEVEDORES AND RIGGERS. Astoria office—At E. C. Holden's Auction store. Portland office—24 B street. 13-41

E. R. HAWES,

CHENAMUS STREET, ASTORIA, IS NOW PREPARED TO DO

ALL KINDS OF PLUMBING AND PIPE WORK.

Bath Tubs, Closets, Etc. Sheet Iron and Tin Work.

J. H. D. GRAY.

Wholesale and retail dealer in,

ALL KINDS OF FEED,

Hay, Oats, Straw, Wood, Etc.

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

Sheriffs Notice.

THE STATE, COUNTY, AND STATE School

TAXES FOR 1880

Must be paid before February 1st to save costs and expenses.

A. M. TWOMBLY, Sheriff and Tax Collector.

Astoria, Nov. 6th, 1880. tf

Hose For Sale.

THE UNDERSIGNED COMMITTEE ON fire and water are authorized by the Common Council to sell 100 feet of rubber and 150 feet of leather hose, belonging to the fire department. Any person wishing to purchase will call on the committee.

CHAS. S. WRIGHT, JOHN HAHN, A. J. MEGLER, Committee on Fire and Water.

THERE WILL BE A BALL GIVEN AT MUSIC HALL ON THIS SATURDAY EVENING.

BANKING AND INSURANCE.

BANKING AND INSURANCE.

I. W. CASE, BROKER, BANKER —AND— INSURANCE AGENT.

ASTORIA, - - - OREGON.

OFFICE HOURS: FROM 8 O'CLOCK A. M. UNTIL 4 O'CLOCK P. M.

Home Mutual Insurance Co., OF CALIFORNIA,

J. F. HOUGHTON ..... President
CHAS. E. STORY ..... Secretary
GEO. L. STORY ..... Agent for Oregon

Capital paid up in U. S. gold coin $300,000 00

I. W. CASE, Agent, Chenamus street, Astoria, Oregon.

$67,000,000 CAPITAL.

LIVERPOOL AND LONDON AND GLOBE. NORTH BRITISH AND MERCANTILE OF LONDON AND EDINBURGH. OLD CONNECTICUT OF HARTFORD, AND COMMERCIAL OF CALIFORNIA FIRE INSURANCE COMPANIES. Representing a capital of $67,000,000. A. VAN DUSEN, Agent.

HOTELS AND RESTAURANTS.

A. J. MEGLER. C. S. WRIGHT

OCCIDENT HOTEL.

MEGLER & WRIGHT, Proprietors. *Astoria, Oregon.*

THE PROPRIETORS ARE HAPPY TO announce that the above hotel has been repainted and refurnished, adding greatly to the comfort of its guests and is now the best hotel north of San Francisco.

C. W. KNOWLES. AL. ZIEBER.

CLARENDON HOTEL.

PORTLAND, - - - - OREGON. *ZIEBER & KNOWLES, Proprietors.* Free coach to and from the house. THE DAILY ASTORIAN is on file at the Clarendon Hotel reading room.

Pioneer Restaurant Hotel.

MAIN STREET, - - - ASTORIA. Mrs. S. N. Arrigoni, Proprietor. THE TRAVELING PUBLIC WILL FIND the Pioneer first class in all respects, and a share of their patronage is respectfully solicited. Board and lodging by the day or week.

Post-office Restaurant.

MAIN STREET, - - ASTORIA. JOSEPH MATTHEWS, PROP'R. THIS IS A FIRST CLASS RESTAURANT kept on the European plan. Fresh oysters in every style. Main street, between Chenamus and Squemoqhe.

ROSCOE'S FIRST CLASS Oyster Saloon.

MAIN STREET, ASTORIA. THE UNDERSIGNED IS PLEASED TO announce to the Ladies' and Gentlemen of this City That he is now prepared to furnish for them, in first class style, and every style, OYSTERS, HOT COFFEE, TEA, ETC. AT THE Ladies' and Gent's Oyster Saloon. MAIN STREET. Please give me a call. ROSCOE DIXON, Proprietor

The New York Oyster Saloon

Will serve to their customers from this date as follows: TEA, COFFEE, CHOCOLATE. Eastern Oysters Always on Hand. And will be kept as a first class Oyster Saloon, in first class style. DANIEL GRANT, Manager.

C. E. JACKINS. J. A. MONTGOMERY.

PIONEER STOVE AND TIN STORE

Sole Agents for the Magee Standard Ranges, Etc. ASTORIA, - OREGON.

E. A. QUINN.

dealer in FAMILY GROCERIES, NAILS, MILL FEED AND HAY. Cash paid for country produce. Small profits on cash sales. Astoria, Oregon, corner of Main and Squemoqhe streets.

WAR IS DECLARED WITHOUT FURTHER NOTICE

And no terms of peace until every man in Astoria has a new suit of clothes MADE BY MEANY.

Look at the prices:

Pants to order from	$8 00
Pants, Genuine French Cassimere	12 50
Suits from	25 00

The finest line of samples on the coast to select from. P. J. MEANY, Merchant Tailor, Parker House, Astoria.

BUSINESS CARDS.

J. Q. A. BOWLBY. ATTORNEY AT LAW. Chenamus Street, - ASTORIA, OREGON

C. W. FULTON. ATTORNEY AT LAW. ASTORIA - - - OREGON. Office over Page & Allen's store, Cass street

J. W. ROBB. ATTORNEY AT LAW, ASTORIA - - - - OREGON. Office over Warren & Eaton's Astoria Market, opposite the Occident Hotel.

A. VAN DUSEN. NOTARY PUBLIC. Chenamus Street, near Occident Hotel, ASTORIA, OREGON. Agent Wells, Fargo & Co.

WM. D. BAKER, M. D. OFFICE—Next door to Capt. Rogers residence, Cass Street. OFFICE HOURS—From 9 A. M. to 11 A. M. and from 2 P. M. to 4 P. M.

F. P. RICKS. DENTIST. ASTORIA, - - - - OREGON. Rooms in Allen's building up stairs, corner of Cass and Squemoqhe streets.

DR. H. D. JENNINGS, PHYSICIAN AND SURGEON. Graduate University of Virginia, 1868. Physician to Bay View hospital, Baltimore City, 1869-'70. OFFICE—In Page & Allen's building, up stairs, Astoria.

JAY TUTTLE, M. D. PHYSICIAN AND SURGEON. OFFICE—Over the White House Store. RESIDENCE—Next door to Mrs. Munson's boarding house, Chenamus street, Astoria, Oregon.

J. C. ORCHARD, DENTIST, Dental Rooms, SHUSTER'S Photograph Building.

D. A. McINTOSH. MERCHANT TAILOR. Occident Hotel Building, ASTORIA - - - OREGON

C. H. BAIN & CO., DEALER IN Doors, Windows, Blinds, Transoms, Lumber, Etc. All kinds of Oak Lumber, Glass, Boat Material, etc. Steam Mill near Weston hotel, Cor. Genevive and Astor streets.

S. G. INGALLS. GLAZIER, ASTORIA, - - - - OREGON. Will contract for work in his line and furnish the glass. Small jobs done to order Cass street, next door to the corner of Jefferson street, Astoria, Oregon.

J. G. FAIRFOWL & SON, STEVEDORES AND RIGGERS Portland and Astoria, Oregon. Refer by permission to—Rogers, Meyers & Co. Allen & Lewis, Corbitt & Macleay, Portland, Oregon.

WM. UHLENHART. Occident Hotel Hair Dressing Saloon ASTORIA - OREGON.

Hot, Cold, Shower, Steam and Sulphur BATHS. Special attention given to ladies' and children's hair cutting. Private Entrance for Ladies.

WILLIAM FRY. PRACTICAL BOOT AND SHOE MAKER.

CHENAMUS STREET, opposite Adler's book store, - ASTORIA, OREGON. Perfect fits guaranteed. All work warranted. Give me a trial. All orders promptly filled.

First Class Saloon.

J. J. RILEY, - - PROPRIETOR. On the Roadway, opposite the Oregon Railway and Navigation Co's wharf.

New Bagatelle Table, (The Chinese must go.)

The choicest brands of foreign and domestic WINES, LIQUORS AND CIGARS. Best Chicago Beer 5c

J. T. BORCHERS, CONCOMLY STREET, ASTORIA, Manufacturer and Packer of CAVIAR, SMOKED SALMON. Cash paid for fresh BLACK STURGEON SPAWN. Smoked Sturgeon, and smoked Salmon put up in tins to ship to any part of the world. Also, trout bait (salmon eggs) put up in cans and warranted to keep any length of time. Depot at Rogers Central Market, corner of Cass and Chenamus streets, Astoria.

Music Lessons.

T. F. CULLEN and C. E. BARNES, TEACHERS OF VIOLIN, PIANO, GUITAR, CORNET AND BANJO, Would like a few pupils on either of the above instruments. Terms—Eight lessons for five dollars. Orders left at Stevens & Sons book store will be promptly attended to.