The Daily Astorian.

ASTORIA, OREGON:

THURSDAY.....JULY 17, 1884

ISSUED EVERY MORNING.
(Monday excepted)

J. F. HALLORAN & COMPANY,
PUBLISHERS AND PROPRIETORS,
ASTORIAN BUILDING. - - CASS STREET

Terms of Subscription.

Served by Carrier, per week..... 15cts.
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Free of postage to subscribers.

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Notice To Advertisers.

THE ASTORIAN guarantees to its advertisers the largest circulation of any newspaper published on the Columbia river.

AROUND THE CITY.

Prof. R. K. Warren, of Portland, arrived down on yesterday's boat.

Rev. B. S. MacLafferty and family leave for their new home in Tacoma, this morning.

J. E. Higgins, our newly-elected county school superintendent, can daily be found at his office, at Badollet & Co.'s cannery.

Owing to the sickness of some of the principal performers the Presbyterian entertainment at Occidental hall is unavoidably postponed to next Monday evening, the 21st inst.

Mayor Hume temporarily occupied the chair of the police judge yesterday with F. D. Winton as city attorney. Larry Melone and Jno. Foster were assessed $10 each for drunkenness.

Frank Stevens is running the steamer *Gleaner*, and reports business good. The boat will leave Wilson & Fisher's dock for Deep River and way landings every Wednesday at 9 A. M., and for John Day's river every Saturday at 9 A. M. See ad.

Dr. Tuttle yesterday extracted the point of a knife from the breast bone of Andrew Zoahur, which had been plunged therein by a party named Manuel the evening before. Zoahur is in a dangerous condition. Manuel will be tried to-day.

The sale of the "rigging and apparel" of the *Cairnsmore* was made yesterday by Mr. Stevens as per advertisement. Hon. C. A. McGuire bought it for $1,390, and transferred it to Martin Foard for $1,400. Foard will probably send the outfit to San Francisco.

Samson, Cole's mammoth elephant, does not have any tusks. On being interviewed by an inquisitive reporter as to the non-appearance of the billiard ball armaments, his elephantine highness replied that celluloid was so cheap that it didn't pay to raise ivory.

The unusual sight of a waterspout was noticed off Tongue Point about three o'clock yesterday afternoon. It swung northward, and doubtless made some Washington Territory man think that a small section of the day of judgment had struck him when it "lit."

"Well, my son," asked a fond father of his little four-year old who had just returned from Cole's big show, "what did you see at the circus?" "Oh, pa, don't ask me! There was three circuses all going at once. Wait till morning, and when my head gets rested I'll tell you all about it."

At the school meeting in District 18 last Tuesday evening, it was decided that the directors see if the proposed addition to the building could be built for $2,500, and if so they were authorized to negotiate a loan for that amount, a tax of five mills being the probable levy for the purpose if decided upon.

The A. O. U. W. Picnic.

A merry party of sixty or more, were on the *Clara Parker* yesterday morning, the occasion being the picnic of Seaside Lodge No. 12, A. O. U. W. A little rain fell, but that didn't make any difference. Everyone had gone for a good time and weren't going to worry about a little rain. The boat got to the wharf at the Klaskanine about half past ten and joy ruled the hour. Madame Adalina Patti, and Miss Katie Putnam gave songs, Ben Butler made a speech, and Edwin Booth performed high tragedy. There was about as much fun to the square inch as is usually found in a picnic; and everyone returned at eight last evening, tired, but unanimous in the declaration that they had "a good time."

Johnson's Universal Cyclopædia.

Astoria's many book-reading and book-buying people are being visited by the general manager for the coast of "Johnson's Cyclopædia," Mr. C. H. Libby, lately of Portland, where he has been canvassing over a year, and has met with wonderful success, and no wonder, for he is a thorough gentleman and carries a work that almost sells itself. The work is condensed and gives facts, not opinions and conjectures. Dr. M. B. Anderson, president of Rochester university, declares it to contain more knowledge than an ordinary library. Our greatest institutions of learning have adopted it as *the best*, viz: Harvard university, Yale, Brown university, Amherst, Hamilton, Rochester university, Richmond, Pacific university, etc., etc. Thousands of our greatest scholars declared it to be *the best*. But it is a whole library of "universal knowledge" from the pens of the greatest scholars on earth.

Two thousand of our most eminent scholars living have become responsible for the accuracy and thoroughness of the work by signing their names to the articles. It has what no other book can claim, viz: Thirty seven of America's greatest scholars as editors, and over 2,500 contributors in America and Europe. In accuracy of statement, compactness of style and convenience of reference it is unsurpassed. It contains just the facts a busy man wants to know, stated briefly and clearly, and so classified as to be easily found; each subject is treated by one who is recognized as authority. Handsome type and plates, and at a cost which brings it in reach of all.

Rt. Hon. Wm. E. Gladstone says: "The amount of valuable information is wonderful."

"The best we have."—Hon. Wendell Phillips, LL. D.

"Not excelled by any other."—Hon. Joseph Bradley, LL. D.

"The best in the English language for general use."—Prof. T. W. Dwight, LL. D.

"More information than can be found in any other."—Prof. T. D. Woolsey, LL. D.

Be sure to examine Johnson's if Mr. Libby calls. Sold by subscription only. It is rich.

Found.

A pocket-book with declaration of intention of E. E. Gustafson, and other papers.
Apply at Eldorado saloon.

Genuine Blaine Hats

At C. H. Cooper's

I. O. O. F. Notice.

A full attendande of the members of Beaver Lodge No. 35 I. O. O. F. is hereby requested for Thursday evening, July 17, 1884, to consider business of importance,

By order of the Lodge.
T. S. JEWETT,
Rec. Sec.

THE IMPROVEMENT OF THE COLUMBIA BAR.

The Manner in Which It Is to Be Accomplished.

ASTORIA, July 15, 1884.

ED. ASTORIAN:

Some say $100,000 has been appropriated by congress for improving the bar at the mouth of the river. Others say $150,000. Which is it, and in what manner will the improvement be made? An answer to this question will oblige.

SUBSCRIBER.

The river and harbor appropriation bill passed by congress contains the following item:

"Improving the mouth of the Columbia river, Oregon and Washington territory: Commencing improvement in accordance with the plan recommended by the majority of the board of engineers in 1882, $150,000."

So that $150,000 is to be applied to the beginning of the project. The manner of doing the work is best shown by the official report of the board, which met in this city two years ago, here subjoined:

The plan proposed by the board is based on these ideas. The structure is kept down to the level of low water, and therefore does not materially obstruct the inflow of the flood-tide. It regulates and directs the whole volume of the ebb below the level of low water.

The board recommends the construction, at as early a day as possible, of a jetty, slightly convex to the north, extending from the shore near Fort Stevens in a northwesterly direction towards a point about three miles south of Cape Disappointment, this jetty to stop short of that point or be prolonged beyond it, as experience may indicate to be necessary. Its location is shown on the chart herewith of the engineer hydrography of 1881 and 1882.

It is impossible to state in advance exactly the width that the work should give to the channel at Cape Disappointment to secure deep water on the new bar outside. That the maintenance of the works may be practicable it certainly must not be too small. Three miles have been taken, which will be somewhat reduced by the continued existence, in a modified form, of Peacock spit. A certain latitude in the amount of contraction is very desirable. Should that adopted be too small, it can be increased by either raising the jetty somewhat, or by a short jetty on Peacock spit.

This jetty is expected to be mainly of stone, and the estimate is on that basis. In depths greater than about 15 feet at high water, where it is found practicable to lay mattresses, the structure should be as follows: There should first be laid a very strongly-built mattress about 3 feet thick, and upon this a layer of rubble stone three feet thick; then a mound of stones of large size, with a top width of not less than 5 feet, the slope on the outside to be one perpendicular on 3 base, and on the inside one perpendicular on 2 base. Where the shock of heavy seas is to be sustained, this mound should be faced with *beton* blocks of from 5 to 20 cubic yards each. The apron which forms the foundation of the mound should project in moderately smooth water 10 or 15 feet beyond its base, and 25 feet where the seas are heavy. Where mattresses cannot be placed, owing to the roughness of the water, the apron of rubble stone should be 5 feet thick. In water less than 15 feet deep at high water the jetty should consist of a mattress 30 or 40 feet in width, covered by stone.

The jetty is intended to be brought up to the level of low water.

It is estimated that of this jetty 5,000 linear feet may be built in water of 6 feet depth or less at low water; 7,500 in water between 6 and 11 feet; 4,000 in water between 11 and 16 feet; 7,500 in water between 16 and 21 feet; and that the last 7,500 feet will need the facing of heavy beton blocks. The facing of this last 7,500 feet is expected to add 25 per cent, to what its cost would be if not so protected. The prices below are on a basis of $5 per cubic yard of the whole mass in place.

5,000 linear feet at $45.....	$ 225,000
7,500 linear feet at $80.....	600,000
4,000 linear feet at $140.....	560,000
7,500 linear feet at $310.....	2,325,000
Total.....	$3,710,000

The position is one of very great exposure, and the allowance for contingencies should be large, probably not less than 50 per cent. If this margin be accepted, the total estimate amounts in round numbers to $5,500,000.

It should be stated, however, that while the board considers stone to be the material which must form the great mass of the structure, we do not desire to discourage the use of wood in the shape of mattresses or pile work in the shoaler water, and indeed wherever it may be found practicable to introduce it, if economy in construction be thereby promoted. A favorable circumstance in this connection is the apparent absence, over a considerable length of the proposed work, of the sea worm, which in some other sections of the country proves so very hurtful to structures of which wood is a part, and practically prohibits its use for works of a permanent character.

The work proposed transfers, in effect, the river section now existing at Chinook point, with depths of 40 feet, to Cape Disappointment, 6 miles farther seaward. Judging from the present form of the river mouth, this will throw the sea bar seaward of the present one, with deep water on it. If the work is built and it causes a deep channel to be cut across the sand cordon, it must yet be expected that ultimately a new sand cordon will be formed far to seaward of its end. But considering either the slight projection to be noticed in the present 100-foot curve opposite the mouth of the river, or from the small amount of sediment in the river as compared with great sediment-bearing rivers, such an event seems too remote to enable even a guess to be made as to its date.

In a location like the mouth of the Columbia river, where the building of any work of magnitude is certain to be one of great difficulty, it is impossible to foresee with precision the order of construction in its details, and much latitude must be left to the judgment of the local engineer in changing them and perhaps the location selected, as varying conditions may indicate or changes occur.

The cross section upon which the estimate is made, is considered to be an approximate one which may need to be increased or decreased in places—the best that can be now devised under the circumstances and as that which may be ultimately assumed by the structure.

It is the opinion of the majority that the work proposed should be brought only to the level of low tide. If, however, experience should demonstrate the necessity for raising the jetty to any level greater than that of low water, it can be readily done on the lower jetty as a foundation. It should be observed, however, that the violence of the waves will be more severely felt and the difficulty of maintaining any work be increased as its height is the greater.

The board realizes and has already called attention to the exposure of the position and the difficulty to be expected in building the jetty, especially its outer part; but it is to be observed that the head of the jetty will be partly covered by the middle sands, and be thus sheltered from the most severe wave action.

The local engineer is of the opinion that the effect of the great number of large nets used in the salmon fishing is injurious by causing a general leveling of the shoals, from contact of the heavy sinker line with the bottom, and a diminution of the current at the time when the river is in flood and charged with sediment. This opinion is shared by other persons who have been questioned, though by no means by all. While there is a coincidence between the gradual lessening of depth in the channels and a flattening of the shoals during the years from 1879 to 1882, and the commencement and increase of fishing on the bar, the other members of the board see no evidence in the facts brought to their attention that this is more than a coincidence, or that the fishing on the bar has been a cause of shoaling of the channels to an appreciable or hurtful extent. It has been proposed to forbid by law fishing below the line connecting Chinook point and Point Adams. It is said that such a regulation would be generally acceptable to the fishing interests as tending to prevent loss of life of fishermen on the bar, and the driving of fish away from the mouth of the river. The board, while inviting attention to this matter, does not feel called upon to recommend legislation concerning it.

In 1868 much of Clatsop spit was out of water, and there was a south channel with twenty-five feet in it. It might be hoped, then, that a work which should only aim to raise Clatsop spit above low water would again leave the conditions of 1868 with a good south channel. The board does not feel any confidence in such a result, nor to its permanence should it occur. Such a work would tend to throw the ebb current towards Cape Disappointment, and in this respect would perhaps in part produce the effects expected from the jetty proposed by the board, but in a less effective way. Should the jetty of the board, when extended to the northern edge of Clatsop spit, produce the depth of water in the north channel aimed at, viz: 30 feet at low water, no engineer should think of carrying the jetty farther.

The board has also considered the propriety of raising the jetty to mid tide, and the opinion of the majority is that it should be kept at first to the level of low water. The reasons for this conclusion are the following, which have been adverted to in another part of the report. A work brought up to low water will be quite effective in directing the ebb tide, while it would interfere much less with the inflow of the flood tide. The exposure to waves and the consequent difficulty and cost of construction will be considerably less if the lower height of the jetty proves to be sufficient. If this height be too little, it can be increased.

It seems worthy of special remark that while there are differences of opinion among the members of the board as to the height and length to be given to the jetty starting from Point Adams, there is entire unanimity as to the necessity for such a structure. Four members of the board think the height at first need not be greater than the level of low water, but the outer end should be at a point nearly south of Cape Disappointment. Lieutenant Colonel Mendell is of the opinion that under existing circumstances it is not expedient to extend the work beyond the limits of Clatsop spit, but he would build it to the height of mid tide, or perhaps higher.

In conclusion, the board thinks it important to state that in an undertaking of this character, where the exposure is so great, as large a portion as possible of the whole estimate should be available before the beginning of actual construction, and the work, when commenced, should be carried forward as rapidly as practical, with a view of attaining, at the earliest day, the desired object, viz., a deep channel to the sea to accommodate the great and growing commerce of which the Columbia river must be the avenue, and to the growth of which the present condition of the bar is a very formidable obstacle. When operations have once begun, there should be no suspension of them, as in such a case, besides the loss of time, injuries to the unfinished work and unfavorable changes in shoals and channels may be expected to such an extent as very greatly to increase the cost.

C. SEAFORTH STEWART,
Lieutenant-Colonel of Engineers.
WM. P. CRAIGHILL,
Lieutenant-Colonel of Engineers, U.S.A.
C. B. COMSTOCK,
Lieutenant-Colonel of Engineers.
CHAS. F. POWELL,
Captain of Engineers.

DELINQUENT TAX LIST FOR SCHOOL DISTRICT NO. 18, FOR 1883.

Andrew Anderson.....	$5 60
Hiram Brown.....	195 47
W. J. Barry.....	13 30
C. H. Bain.....	7 00
Beaver Lodge, No. 35, I. O. O. F..	3 50
Elizabeth Brown.....	12 67
Isaac Bergman.....	7 00
Mrs. Bergman and Mrs. Schlussel.	3 05
A. S. Bennett.....	11 20
H. Corbett.....	102 55
I. Cohen.....	14 35
A. A. Cleveland.....	2 62
Chas. Ebert.....	8 40
Thos. H. Foss.....	4 90
Geo. Ganz.....	2 80
Holt Bros.....	4 20
N. Hardy.....	6 83
Hansen Bros.....	42 70
Wm. Howe.....	29 75
Isaacs & Summerfield.....	11 37
Jackins & Parks.....	3 50
N. M. Kimball.....	2 45
Howell Lewis.....	4 20
Loryea Bros.....	2 10
A. Montgomery.....	40 95
Henry Miller, estate of.....	3 36
F. C. Norris.....	4 90
O. F. L. & B. Association.....	227 50
T. A. Orcutt.....	4 37
C. H. Page.....	19 18
J. W. Robb, estate of.....	25 97
Mrs. Myra Russell.....	9 10
Ruddock & Wheeler.....	5 25
Seaside Packing Co.....	31 50
A. G. Spexarth.....	10 50
Jas. Taylor.....	276 50
E. A. Taylor.....	20 65
Mrs. F. H. Worsley.....	6 30
Wing Sing.....	8 40
J. W. White.....	7 00
F. D. Winton.....	6 30
Sundry others, amounting to about	36 00

Published by order.
JNO. O. BOZORTH.

An Absent-Minded Man.

A story is told of a calker who was so absent-minded that once when at work on a ship he drove a plug of tobacco into the vessel's bottom and bit off the head of an iron spike himself, never realizing his mistake until the vessel spit in his face. This may be regarded as an extreme case, but there are many people in the city who are worthy to rank with the gentleman mentioned above, and their curious performances are seen upon the street every day. A gentleman afflicted in this way was walking down Chenamus street yesterday, reading a paper. Numberless people bumped him and anathematized him afterwards, but he heeded it very little, though the expression of his face showed that he was troubled. Finally he ran with a bump into the billboard with Cole's Circus show-paper on it, opposite Bergman and Berry's. Looking up in a dazed, bewildered sort of way, the gentleman profusely apologized, and went away without the slightest idea of what it was which caused a smile to be audible in that locality about that time.

GOOD ADVICE.

A pretty face—a treasured gift,
Believe me, 'tis not a fable,
Art can preserve when nature fails,
Have it photographed by ABELL.
Take the elevator—29 Washington st.

Notice.

The meeting of the Woman's Relief Corps, G. A. R., has been postponed to next Tuesday afternoon at 2 o'clock at their hall.

A full attendance is desired.

A full line of Ladies' Lace Mitts of all descriptions, to be found at the Empire Store.

Gray sells Sackett Bros.' A1 sawed cedar shingles.

The latest patterns and styles of Ginghams and Calicoes, at the Empire Store.

A full line of ladies' and children's Shoes, latest styles, to be found cheap at Arvold's, sign of the Golden Shoe.

—A Nasal Injector free with each bottle of Shiloh's Catarrh Remedy Price 50 cents. Sold by W. E. Dement

FLASHES FROM THE WIRES.

Ben Butler refuses to talk.

Diaz has been unanimously elected President of Mexico.

Yellow fever is spreading in Mexico, and cholera in Southern France.

"Assisted" emigrants arriving at New York from Europe are being sent back.

France has apologized to Germany for the recent insult on the part of Alsatian students to the German flag.

Two More Suicides.

Yesterday afternoon, about 4 o'clock, Mr. McKean, a carpenter, left word at the coroner's office that the body of a man was lying in a gulch about 3½ miles from town, near the Summit road. Mr. Cooke, on receiving the information, repaired at once to the scene and brought the corpse to his place. The deceased is evidently about 55 or 60 years of age, sandy hair and complexion, smooth face with the exception of short sandy chin whiskers. He was dressed in a brown suit, blue flannel overshirt, heavy boots, and from all appearances was a laboring man. On examining the clothing nothing was found except an old purse containing 75 cents, and a bottle partly filled with sulphate of morphia, this last telling the story, that of suicide by poisoning. The remains have not yet been identified, and the inquest will be held at ten o'clock to-day. The coroner had barely got rested from his trip to the Summit, when a messenger arrived from Sellwood with the intelligence that a man named Ingraham had suicided in the woods back of town by shooting himself through the head. Mr. Cooke immediately started for Sellwood for the purpose of holding an inquest, but at last accounts had not returned, so the particulars could not be ascertained. Ingraham is said to have been a saloon keeper, and at one time resided in this city.—*Standard, 16th.*

JOHNSON'S NEW UNIVERSAL CYCLOPÆDIA.

Mr. C. H. Libby, the General Manager for this valuable work, gave us a pleasant call and an opportunity of subscribing for it. It has 31 departments with an editor of the highest scholarly standing for each, viz.: Public Law etc., by Pres. T. D. Woolsey and T. W. Dwight, LL. D.: History by Hon. Horace Greeley and Alex. H. Stephens LL. D.: Botany etc., by Prof. Asa Gray LL. D.: Medicine etc., by Prof. Willard Parker M. D. LL. D' etc., etc. It has 2,500 eminent contributors from all parts of America and Europe, whose names are signed to their articles. It is the best and the only original Cyclopædia. It contains more than Appleton's in 16 volumes and at about half the price.

Below we give a few Portland testimonials:

From Hon. M. P. Deady, U. S. Judge: "I am satisfied that this cyclopædia must take and maintain a high rank as a work of reference. Its leading articles upon important topics are models of excellence."

From Hon. Wm. Strong: "Johnson's Cyclopædia is particularly full and accurate in the department of law, which I have examined with most care. I believe no one will regret purchasing the work."

From Rev. A. L. Lindsley, D. D.: "Having examined to some extent the merits of the leading encyclopædias, I fixed my preference resting on Johnson's. For condensed and accurate information it come nearer to completeness than any other work of reference I have ever examined."

From Rev. G. H. Atkinson, D. D.: "Valued the more it is consulted."

Mr. Libby will call on some of our good citizens with sample copy, as this work is sold only by subscription and will be for sale but a short time here. We would respectfully say to all our readers: Secure a set for the family. We are pleased to be a subscriber and heartily recommend Johnson's as the best in print.

"Johnson's Cyclopædia will be good authority for the next half century."—Hon. Charles Francis Adams.

C. H. Libby, general manager for the Pacific coast.

A Good Practice.

Dr. J. W. Lasley, physician, Company Shops, P. O., Alamance Co., N. C., says he uses it in his practice, and recommends to suffering humanity the great pain-cure, St. Jacobs Oil, for all kinds of aches and pains.

Groceries—Crockery and Glassware

In latest styles and at lowest prices at Mrs. R. Zimmerman's, corner Main and Squemoqua. A first class stock of family groceries.

Reduced Prices.

The Ham Fat Jap's traveling restaurant, on and after this date, will satisfy all hungry mortals at the rate of 10 cts. per sandwich, or three for 25 cents. All orders left at the Snug saloon will be promptly attended to.

N. B.—No extra charge after 9 P. M.
July 2nd, 1884.

Music Books; Music Books.

A large assortment of the best works just received at Carl Adler's.

Stop That Cough

By going to J. E. Thomas's and getting a bottle of Leroy's Cough Balsam.
IT WILL CURE YOU.

Furnished Rooms to Rent.

Inquire at Mrs. Campbell's, over Gem Saloon.

Just Received.

A large stock of soft and stiff Hats in all the latest styles, at McIntosh's Furnishing store.

The Leading Publications

At Carl Adler's at publishers' prices.

For a Neat Fitting Boot

Or Shoe, go to P. J. Goodmans, on Chenamus street, next door to I. W. Case. All goods of the best make and guaranteed quality. A full stock; new goods constantly arriving. Custom work.

To Cannerymen and Fishermen.

Anyone wanting boats built for next season can leave orders at THE ASTORIAN office in my absence.
JOS. LEATHERS.

Arvold sells Boots and Shoes cheaper than any one else in town, because we buy for cash.

Arvold will sell a large stock of Boots and Shoes at cost, at the Leading boot and shoe store.

—Shiloh's Catarrh Remedy—a positive cure for Catarrh, Diptheria and Canker Mouth. Sold by W. E. Dement.

Buy your Lime of Gray at Portland prices.

Just received a new lot of Parasols, at the Empire Store.

—Sleepless Nights made miserable by that terrible cough. Shiloh's Cure is the remedy for you. Sold by W. E. Dement & Co.

—SHILOH'S CURE will immediately relieve Croup, Whooping Cough, and Bronchitis. Sold by W. E. Dement & Co

—All the patent medicines advertised in this paper, together with the choicest perfumery, and toilet articles, etc., can be bought at the lowest prices, at J. W. Conn's drug store, opposite Occiden hotel, Astoria.

The Leading House.

THE LARGEST STOCK.

The Finest and Choicest Goods.

—AT—

Carl Adler's Crystal Palace.

Books, Stationery, Fancy Goods, Toys, Baby Carriages.

Solid Gold and Silver Jewelry

Watches and Clocks, Pictures, Albums,

And the largest and finest assortment of miscellaneous goods north of San Francisco.

Pianos and Musical Instruments.

☞All my goods are guaranteed to be as represented, and if not satisfactory you will find me here six months or a year from now to make everything right.

A FIRST-CLASS watch maker in attendance. All work guaranteed.

You are cordially invited to call and inspect the handsome new goods just received.

CARL ADLER'S
CRYSTAL PALACE.

Westport and Astoria
THE FAVORITE STEAMER

GOLD DUST

Which has been thoroughly refitted for the comfort of Passengers will run this season between Westport and Astoria

DAILY TRIPS

As follows:

Leave Westport at 7:30 A.M.
Arriving in Astoria at 10:30 A. M.

Leave Astoria at 2 P. M.
Arrive in Westport at 6 P. M.

Will touch at all way landings.

For freight or passage apply on board or to CAPT. JAS. COX, Manager

Water! Water! Water!

Wheeler & Kipp,
PRACTICAL
Plumbers Gas and Steam Fitters
ALL WORK
Warranted, and Estimates Given
FULL STOCK
Iron and Lead Pipe, Bath Tubs, Water Closets, and Gas Fixtures.
Jobbing Promptly Attended to.

A SPECIALTY is made of Tapping Water Mains and Running Water Pipes, as We have Super or facilities for doing this work.

Corner Squemoqua and Hamilton Streets,
Astoria, Oregon.

The Gem Saloon.
The Popular Resort for Astorians.
For the
Finest of Wines and Liquors
Go to THE GEM SALOON.
ALEX. CAMPBELL, - - PROPRIETOR.

Drugs and Chemicals

J. E. THOMAS,
DRUGGIST
AND
Pharmacist,
ASTORIA, OREGON.
Toilet and Fancy Articles.
HOMEOPATHIC REMEDIES.

Prescriptions carefully compounded Day or Night.

Notice of Purchase.

WE THE UNDERSIGNED HAVE THIS day entered into co-partnership under the firm name of H. D. Newbury & I Stevens, Irving Stevens having purchased the interest of B. F. Stevens in the City Book Store.

H. D. NEWBURY,
IRVING STEVENS.

Astoria, July 1st, 1884.

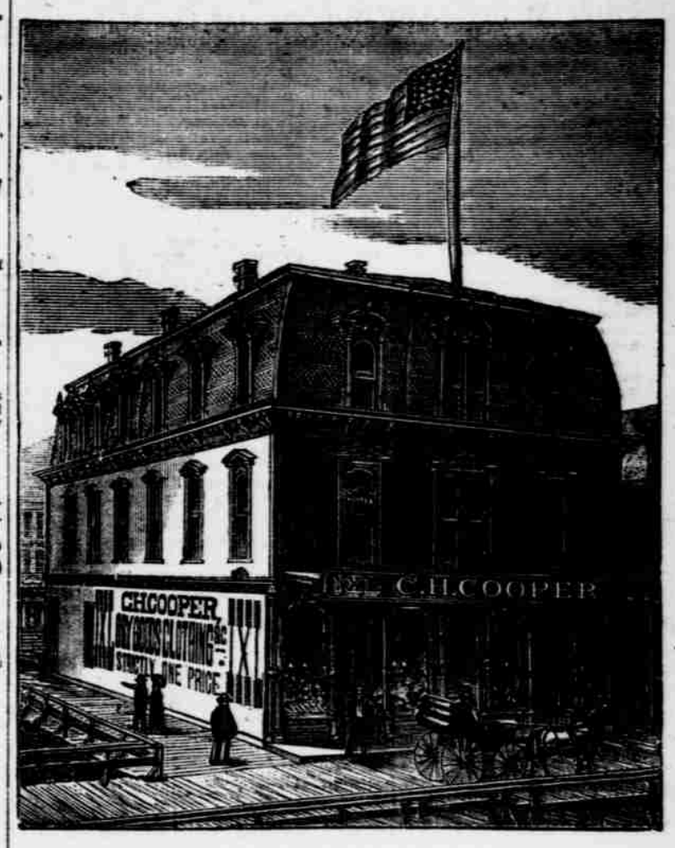
Jeff's Notice
SAYS THERE WILL BE
NO INCREASE OF PRICES
IN HIS CHOP HOUSE
AND THAT HE IS DETERMINED TO maintain his reputation for keeping the best and cheapest Restaurant in town, even at a loss to himself, while the dull times last.
JEFF.

P. Blankholm.
Cigars, Tobacco and Notions,
FRUITS
Cor. Squemoqua and Olney streets, Astoria.

PLUMBING!
You will do well to call on RUDDOCK At Wheeler & Robb's, for
Tapping and Putting In of Water Pipes.
IT WILL PAY YOU

Gold and Silver Jewelry,
Warranted as represented at Carl Adler's Crystal Palace.

C. H. COOPER!



THE
Leading Dry Goods and Clothing House
OF ASTORIA.

Silks! Silks! Silks!

We are now showing the largest and choicest assortment of BLACK and COLORED SILKS ever shown in Astoria at REMARKABLY LOW FIGURES.

Ladies in need of such goods and want to get the genuine article would do well to give us a call.

Bonnet's famous Black Silks in all numbers. Rich Brocaded Silks, Rhadames, Moires and Cet Colored Gros Grain Silks. Latest Shades. Fancy Brocaded Silks, New Designs. Evening Silks, in all the latest tints. Summer Silks in checks and stripes.

C. H. COOPER,
Pythian Building, - Astoria, Oregon.

JACKSON'S
ASTORIA
Bakery & Confectionery
Coffee and Ice Cream Parlors.
CHENAMUS STREET.

SUPERIOR
Bread and Cakes
OF ALL KINDS.
Weddings and Parties supplied with strictly
FIRST-CLASS WORK.
—o—French and American—o—
CANDIES
Manufactured, Wholesale and Retail.
BRANCH ESTABLISHMENT,
ON THE ROADWAY.

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