

# The Daily Astorian

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ASTORIA OREGON SUNDAY MARCH 3, 1889.

PRICE FIVE CENTS

## BUSINESS CARDS.

**A. A. CLEVELAND,**  
ATTORNEY AT LAW.  
Office—Flavel's new brick building, corner Second and Cass streets, up stairs.

**JOHN H. SMITH,**  
ATTORNEY AT LAW.  
Office on Cass street, 2 doors back of Odd Fellows Building, Astoria, Oregon.

**REED KANAGA,**  
ATTORNEY AT LAW.  
Office over White House Cor., Astoria, Or.

**GEO. NOLAND,**  
ATTORNEY AT LAW.  
Office in Kinney's Block, opposite City Hall, Astoria, Oregon.

**G. W. FULTON,**  
G. C. FULTON.  
**FULTON BROTHERS,**  
ATTORNEYS AT LAW.  
Rooms 5 and 6, Odd Fellows Building.

**J. Q. A. BOWLBY,**  
Attorney and Counsellor at Law.  
Office on Chenamus Street, Astoria, Oregon.

**D. J. E. LA FORCE,**  
DENTIST.  
Rooms 11 and 12 Odd Fellows Building, ASTORIA, OREGON.

**MRS. A. L. AND J. A. FULTON,**  
Cass street, between 3rd and 4th.  
Special attention to Diseases of Women and Children, by Dr. A. L. Fulton.  
Special attention to Surgery, by Dr. J. A. Fulton.  
Office hours from 10 to 12 A. M., and 1 to 4 P. M.

**JAY TUTTLE, M. D.,**  
PHYSICIAN AND SURGEON  
OFFICE—Rooms 6 Pythian Building.  
RESIDENCE: SE corner Wall and West 3rd streets, opposite I. W. Case's.

**A. E. SHAW,**  
DENTIST.  
Rooms in Allen's Building, up stairs, corner Cass and Squemoqua streets, Astoria Oregon.

**MRS. DR. OWENS-ADAIR,**  
Office and residence, D. K. Warren's former residence, Astoria, Oregon.  
Diseases of Women and Children, and of the Eye and Ear, specialties.

**DR. O. B. ESTES,**  
PHYSICIAN AND SURGEON.  
Special attention to Diseases of Women and Surgery.  
OFFICE: Opposite Telegraph Office, up Stairs, Astoria, Oregon.

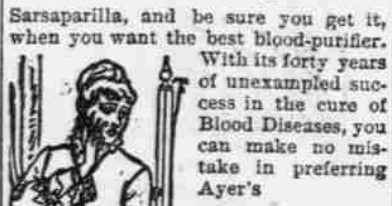
**H. A. SMITH,**  
DENTIST.  
Rooms 1 and 2 Pythian Building over C. H. Cooper's Store.

**J. H. MANSELL,**  
NOTARY PUBLIC,  
Real Estate and Commission Agent.  
Agent for the American Building and Loan Association.  
One door west of Telegraph office.

**PATRONIZE HOME INDUSTRY,**  
There is no occasion for the most fastidious of our citizens to send to Portland or San Francisco for  
**Custom Made Clothes**  
As they can get Better Fits, Better Workmanship, and for less Money.  
By Leaving their Orders with MEANY.  
**New Cloths by Every Steamer.**  
Call and See Him and Satisfy Yourself.  
P. J. Meany, Merchant Tailor.

**AUCTION AND COMMISSION HOUSE.**  
**MARTIN OLSEN,**  
Successor to E. C. Holden.  
The oldest established Commission House in Oregon. Goods of all kinds sold on commission.  
Auction Sales Every Saturday.  
General Repairing, Jobbing and Upholstering done.  
Fine stock of Furniture on hand.  
When you want Bargains in Household Goods go to  
**MARTIN OLSEN**  
CANDY Manufactured and For Sale at Wholesale Prices, at  
**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.  
For Rent.  
FURNISHED ROOM, INQUIRE AT THE BAZAR, ONE DOOR SOUTH OF THE ASTORIAN OFFICE.

## Ask For Ayer's



Sarsaparilla, and be sure you get it, when you want the best blood-purifier. With its forty years of unexampled success in the cure of Blood Diseases, you can make no mistake in preferring Ayer's Sarsaparilla to any other. The fore-runner of modern blood medicines, Ayer's Sarsaparilla is still the most popular, being in greater demand than all others combined.

"Ayer's Sarsaparilla is selling faster than ever before. I never hesitate to recommend it."—George W. Whitman, Druggist, Albany, Ind.

"I am safe in saying that my sales of Ayer's Sarsaparilla far exceed those of any other, and it gives thorough satisfaction."—L. H. Bush, Des Moines, Iowa.

"Ayer's Sarsaparilla and Ayer's Pills are the best selling medicines in my store. I can recommend them conscientiously."—C. Bickhaus, Pharmacist, Roseland, Ill.

"We have sold Ayer's Sarsaparilla here for over thirty years and always recommend it with the most thorough satisfaction."—W. T. McLean, Druggist, Augusta, Ohio.

"I have sold your medicines for the last seventeen years, and always keep them in stock, as they are staples. There is nothing so good for the youthful blood as Ayer's Sarsaparilla."—R. L. Parker, Fox Lake, Wis.

"Ayer's Sarsaparilla gives the best satisfaction of any medicine I have in stock. I recommend it, or, as the Doctors say, 'I prescribe it over the counter.' It never fails to meet the cases for which it is recommended, even where the doctors' prescriptions have been of no avail."—C. F. Calhoun, Monmouth, Kansas.

## Ayer's Sarsaparilla,

PREPARED BY  
Dr. J. C. Ayer & Co., Lowell, Mass.  
Price 25¢; six bottles, \$1.50. Worth \$3 a bottle.



**SWIFT'S SPECIFIC**  
Is entirely a vegetable preparation containing no Mercury, Potash, Arsenic, or other poisonous substances.

**SWIFT'S SPECIFIC**  
Has cured hundreds of cases of Eruptions of the Skin, thousands of cases of Scrofula, Blood Humors and Skin Diseases, and hundreds of thousands of cases of Scrofula, Blood Poison and Blood Taint.

**SWIFT'S SPECIFIC**  
Has relieved thousands of cases of Mercurial Poisoning, Rheumatism and Stiffness of the Joints.

**CHATEAUGOOD, TEXAS, June 27, 1888—Swift's Specific Co., Atlanta, Ga.—Gentlemen:** In the early part of the present year, my boy, aged 12, was afflicted with a bad case of blood poisoning, which appeared upon his face, neck, arms, and legs, and was very painful. I began taking Swift's Specific, and to-day I feel greatly improved. I am still taking the medicine and shall continue to do so until I am perfectly well. I believe it will effect a perfect cure. Yours truly,  
D. C. E. HOWARD,  
111 West Sixth St.

**COLUMBIA, S. C. July 7, 1888—The Swift Specific Co., Atlanta, Ga.—Gentlemen:** I was a great sufferer from muscular rheumatism for two years. I could get no permanent relief from any medicine prescribed by my physician. I took over a dozen bottles of your S. S., and now I am as well as ever and my limbs are sure your medicine cured me. I would recommend it to any one suffering from any blood disease. Yours truly,  
Conductor C. G. R. R.

**WACO, TEXAS, May 9, 1888—Gentlemen:** The wife of one of my customers was terribly afflicted with a distressing disease, that confined her whole body. She was confined to her bed for several years by this affliction, and could not help herself at all. She could not sleep from a violent itching and stinging of the skin. The disease baffled the skill of the physicians who treated her. Her husband began finally giving her Swift's Specific, and she commenced to improve almost immediately, and in a few weeks she was apparently well. Her heavy, fleshy, fine-looking lady with no trace of the affliction left. Yours very truly,  
J. E. STARR,  
Wholesale Druggist, Austin, Texas.

**Treatment on Blood and Skin Diseases method from THE SWIFT SPECIFIC CO., Drawer 1, Atlanta, Ga.—New York, 76 Broadway.**

CHRIS. EVENSON, F. COOK

## THE Central Hotel

**EVENSON & COOK.**  
On the European Plan.  
LARGE CLEAN ROOMS,  
A FIRST-CLASS RESTAURANT  
Board by the Day, Week or Month  
Private Rooms for Families, Etc.  
Transient Custom Solicited.  
Oysters, Fish, Meats, Etc., Cooked to Order.  
WATER ST., Opp. Board & Stokes  
A FIRST CLASS SALOON  
Run in connection with the Premises. The  
WINES, LIQUORS AND CIGARS.  
Good Billiard Tables and Private Card Rooms.  
**Mrs. Clara Clenn,**  
Fashionable Dressmaker.  
PRICES REASONABLE.  
Rooms over Mrs. Rappleyes', one door south of ASTORIAN office.

## YOUNG'S BAY.

Its Description, and Geological Origin.

ASTORIA, March 2nd, '89.

TO THE EDITOR OF THE ASTORIAN:  
In the past two or three weeks there has been some light skirmishing in regard to the location of the bridge across Young's bay.

We have differed sharply in the matter, but that has past. If you will permit me, I will say a few words in regard to the actual size, condition and origin of the bay, separate and apart from any railroad or bridge, and I shall not mention them in criticism.

I am impelled to this because of the great amount of ignorance in the community in reference to it, even by those who ought to be well posted. It is almost universally the opinion that the bay is a shallow body of water through which narrow, crooked channels run that can only be navigated on the tides.

I will take the United States chart as my guide, which ought to be good authority. Slight changes may have taken place since, but not sufficient to make any material difference. From Smith's Point a little to the south of west, and about four miles distant is the mouth of Skipanon. From Smith's Point on the line of the proposed bridge, the bay is one and a half miles wide. From the same point due south the bay is something over one and a half miles wide, to the mouth of Lewis and Clarke's.

From Smith's Point and the mouth of Lewis and Clarke's river eastward for about one mile, both shore lines converge at about the same angle, till at Fairfield the bay is one-half mile wide, with channel close to this shore, and one-fourth of a mile higher, Young's river empties into the bay and is about 1,500 feet wide. Over the whole of this area, at high tide the shallowest water is from 6 to 8 feet deep on the flats.

At average low water, the area within the 6-foot limit covers over half the surface of the bay. In this, of course, the deeper waters occur, this gives plenty of sea room for all light craft at low water.

The main channel is what the people are most interested in. The Young's bay channel empties into the Columbia about one mile west of Smith's Point, we will call all that is within the 12 foot limit, channel.

From the end of the spit running out from Smith's Point to the south shore the channel is 1,300 feet wide. The water over this area is from 14 to 17 feet deep at low tide. This is nearly twice as wide as the river at Portland at the railroad bridge. From this point to where the proposed bridge crosses the bay and one half mile from the shore, and a distance of one mile from the Columbia channel, the 12-foot line gradually converges, till at the crossing the channel is 880 feet wide, and the water from 12 to 15 feet deep at average low tide. This is about the width of the river at Stark street ferry, at Portland. The channel still converges until about one-half mile below Fairfield it is only about 400 feet wide within the 12-foot limit. From this point the channel rapidly widens to an average width of 1,320 feet, within the 12-foot limit, to the mouth of the Walluski, a distance of about 2 1/2 miles. Of course on the outside of the 12-foot line to the 6-foot line is a wide margin. Within this distance of 2 1/2 miles, there is a channel over a mile long and 800 feet wide, whose water is from 20 to 53 feet deep at average low water.

A little higher up is another channel as wide, not quite so long, with water from 20 to 30 feet deep. Here is a nicely sheltered harbor, whose dimensions and depth of water far exceeds anything that Portland with all her wealth can boast of; this, too, with a channel through the shoalest place in which is 13 feet at the "lowest of the average low water," with a tidal rise of 6 to 8 feet.

If Portland could have this harbor with as much water and tide to the sea it would be worth untold millions to her. The Lewis and Clarke channel is less pretentious. The water on the bar, where the channel flows into the Young's river channel for a short distance is 8 ft. at low tide. From

the bar to a mile or so above the mouth of the river the water is from 12 to 14 ft. deep. Then the water deepens to 30 feet at low water for one-half a mile with an average width of 400 feet. A good channel continues nearly two miles higher. One peculiarity about all these waters is, that the bottom is composed of a soft light silt consisting of mud, the lighter particles of sand and mica all easily floated by moderately moving currents.

This would render the deepening and widening of the channels to almost any extent desired, a cheap and easy matter; for all that would be necessary to be done would be to stir the silt a little while the tide was ebbing and it would pop out to sea.

The amount of debris that comes into the bay from the surrounding country is comparatively small and must always be so, since it would not refill as rapidly as the Columbia. While all this is true, a slight retardation of the currents from any cause would precipitate the silt and shoal the channels.

If the navy yard is located on the Columbia river no better site is to be found anywhere, the water being fresh most of the year.

Now as to the geology of the bay and its rivers.

During the glacial period many years ago this country was a thousand or fifteen hundred feet above its present level. The great glacier that came down out of the Columbia river and the lesser ones that came down out of Young's river and Lewis and Clarke's river, when they finally disappeared and floated away, left deep V shaped scars in the soft shales and rotten sandstones of which this lower county is composed. The whole coast is slowly sinking beneath the Pacific ocean.

As it goes down beneath the water level, the debris from the interior settles and fills these deep impressions made by the ice, so that between Astoria and the opposite shore of the Columbia river a vast quantity of sand fills the abyss, while Young's bay is filled to a great depth with light sand mud and mica, mixed, and in alternate layers. Judging from the angles of the slopes, and the distance between the bordering hills; the mud and light sand deposits in Young's bay in the deepest place, must be four or five hundred feet deep, while the heavier sands in the Columbia, cannot be much less than 1,000 feet deep.

Our distances down here are so vast and our natural resources so greatly in excess of our present demands that I fear we have grown into the habit of underestimating what nature in its bounteous gifts has bestowed upon us. I trust that in future any of our citizens who feel disposed to speak lightly of any of our great natural gifts will think twice before doing so.

The habit of underestimating everything with which we have to do, dwarfs us in our ambitions and energies. We never rise above the estimate we place upon ours and our surroundings, and outsiders are not apt to give us a higher value than we claim for ourselves.

W. HAMPTON SMITH.

"The Best Laid Plans of Mice and Men Gang aft aglee." Not so Hostetter's Stomach Bitters. It gets right to the spot it is designed to beneficially affect, and there is no tardiness in its action. But while it relieves constipation in common with dyspepsia and liver complaint—associate evils—the griping and abdominal disturbance produced by drastic purgatives never precede its operation. Its thoroughness is unmarred by violence, the chief characteristic of most laxatives, and one that is highly prejudicial to both bowels and stomach. It is only by invigorating the intestinal canal, and thus fitting it to perform its office as a natural sluice for the effete matter of the system, that its regularity can be perpetuated. To weaken by drenching is to incur its relapse into disorder. This the Bitters never does. Chills and fever, nervousness, kidney complaints yield to the Bitters, and appetite and sleep are improved by it.

A health journal is telling people "how to lie when asleep." If it could persuade them to tell the truth when awake it would be doing real service.

Children Cry for Pitcher's Castoria

When Baby was sick, we gave her Castoria. When she was a Child, she cried for Castoria. When she became Miss, she clung to Castoria. When she had Children, she gave them Castoria.

When Baby was sick, we gave her Castoria. When she was a Child, she cried for Castoria. When she became Miss, she clung to Castoria. When she had Children, she gave them Castoria.

The house of representatives has passed the senate bill directing the attorney general, within six months after the passage of the act, to cause suits to be brought in the name of the United States in the United States circuit court for the district of Oregon, against all persons, firms and corporations claiming to own interests in lands granted to the state of Oregon to aid in the construction of different wagon roads in Oregon. The suits are to determine the question of seasonable and proper completion of the same roads, in accordance with the terms of the granting acts.

**CARELESS MOTHERS.**  
Many mothers have permitted their children to die before their eyes when they might have been saved. Any mother who keeps house without a bottle of Acker's English Baby Soother at hand, runs a risk which she may sometime regret. It has saved the lives of thousands of children, and is doing so every year. J. W. Conn, Druggist.

Women, it is said, live longer than men. This comes of their keeping their age a secret. Death doesn't know when to call for them.—Boston Courier.

**HOW DOCTORS CONQUER DEATH.**  
Doctor Walter K. Hammond says: "After a long experience I have come to the conclusion that two-thirds of all deaths from coughs, pneumonia and consumption, might be avoided if Acker's English Cough Remedy were only carefully used in time." This wonderful Remedy is sold under a positive guarantee by J. W. Conn, Druggist.

"Why cannot a woman become a successful lawyer, I should like to know?" asked a lady of a cynical old Judge. "Because, madam," he answered, "she's too fond of giving her opinion without pay."

**BETTER THAN BLOODY BATTLES.**  
General Wheatcroft Nelson says: "My experience in the English army as well as in America, convinces me that nothing so thoroughly purifies the blood or adds to health, vigor and life as Acker's English Blood Purifier." This great Remedy is sold under a positive guarantee by J. W. Conn, Druggist.

Nothing equals Ayer's Sarsaparilla for purifying the blood, and as a spring medicine.

The recent attempt to authorize a state lottery in Nevada by amending the constitution was defeated by 500 votes. This was a narrow escape from a great disgrace.

**ROYAL BAKING POWDER**  
Absolutely Pure.

This powder never varies. A marvel of purity, strength and wholesomeness. More economical than the ordinary kinds, and can not be sold in competition with the multitude of low test, short weight, alum or phosphate powders. Sold only in pure. ROYAL BAKING POWDER CO., 105 N. 3rd St., N. Y.

**THE VIENNA**

Restaurant and Chop House.  
C. W. Fisher & Co., Prop's.  
COOKED TO ORDER.  
Fine Private Rooms. Everything 1st Class.  
Genevieve Street, rear of Griffin & Reed's.  
SATISFACTION GUARANTEED.

CASH. 1889. ONE PRICE.

## I. L. OSGOOD'S

Men's and Boys' Clothing, Furnishing Goods, HATS, CAPS, TRUNKS, Traveling Bags, Umbrellas, Blankets, Quilts, etc.

Direct from the Manufacturers and Importers.

A child buys as cheaply as the most experienced buyer.

**I. L. OSGOOD,**  
Kinney's Brick Building, Opposite Rescue Engine House.  
Astoria, Oregon.  
Street Cars running by the door.

## WALL PAPER

—AND—  
**CEILING DECORATIONS!**

5000 double roll of Wall Paper and Decorations of the latest styles and shades just received direct from Eastern factories. Also a large assortment of

## CARPETS,

Of all grades in beautiful new designs

New Smyrna Rugs, Portiere Curtains, China Matting, Etc., Etc. Call and examine.

CHAS. HEILBORN.

## The New Model Range

CAN BE HAD IN ASTORIA, ONLY OF

## E. R. HAWES,

Agent, Call and Examine It; You Will be Pleased. E. R. Hawes is also Agent for the

## Buck Patent Cooking Stove,

AND OTHER FIRST CLASS STOVES.  
Furnace Work, Steam Fittings, Etc., a Specialty. A Full Stock on Hand.

## 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.**

## Bargains! Bargains!

—IN—  
**Canned Goods** and Groceries.

AT HEADQUARTERS  
Astoria Grocery and Canned Goods Co.,  
At Old I. X. L. Corner, Opposite Parker House.

## H. M. THATCHER.

## JEFF'S

Is the Leading and  
**Only First-Class**  
RESTAURANT.

Good Cooking, Clean Services, Reasonable Prices, Polite Waiters, Prompt Attention.

Try Him and You will be More than Satisfied.

Everybody Says So.  
Private Rooms.  
MAIN STREET, - - - ASTORIA.

## The Astor House,

E. E. ROSS, PROPRIETOR.

Newly Repainted, Repaired, Refitted, Refurnished and Thoroughly Renovated.

A Large, Clean, Well-kept House.

RATES:  
From a Dollar a Day Upwards.

First-class in all its appointments, clean, neat, sunny rooms, well furnished and well kept.

YOU ARE INVITED TO CALL.  
Free Coach to and from the House.

## 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.**