

The Daily Astorian

VOL. XXXIV, NO. 20.

ASTORIA, OREGON, FRIDAY, JANUARY 24, 1890.

PRICE FIVE CENTS

C. P. Upshur,

Shipping and Commission Merchant

Main St. Wharf, Astoria, Oregon

SPECIALTIES:

Cannery Supplies

Barbour's Salmon Net Twines.

NEPTUNE Brand Salmon Twine.

WOODBERRY Cotton Lines and Twines

SEINES and NETTING

Of all Description Furnished at Factory Prices.

FIRE INSURANCE

Effectuated in First Class Companies.

Representing \$12,000,000

PHOENIX Hartford, Conn

ROYAL New York

Avery Pacific Express and Wells, Fargo & Co.

Thielsen, Lester & Andersen,

CIVIL ENGINEERS,

Surveyors and Architects.

OFFICE, ROOM 9, FLAVEL'S BLDG.,

SECOND STREET

P. O. BOX 818. ASTORIA, OR.

Henry Jackson & Co.

Civil, Sanitary,

And Hydraulic Engineers and Architects.

Large Heavy Buildings and Constructive

Work from Work a Specialty. Special

tariffs, Plans and Profiles.

ASTORIA, OREGON.

Wm. B. Adair,

REAL ESTATE AGENT.

N. E. Cor. Olney and Third Sts.

P. O. Box 436.

Particular attention given to Properties

in Upper Astoria; also to purchase of Tim-

berlands.

Abstracts of Title.

C. R. THOMSON

Keeps a full set of Abstract Books

and will examine the Title to any Real

Estate in the county and furnish an Abstract

of Title to the same.

Terms reasonable. Work guaranteed.

Carnahan & Co.

SUCCESSORS TO

L. W. CASE,

IMPORTERS AND WHOLESALE AND

RETAIL DEALERS IN

GENERAL MERCHANDISE.

Corner Chestnut and Cass Streets

ASTORIA, OREGON.

BOOTS AND SHOES!

Of Best Quality, and at

LOWEST PRICES.

—AT THE—

SIGN OF THE GOLDEN SHOE.

JOHN HAHN.

DEALER IN

Pure Drugs, Toilet Articles, Etc.

Prescription Clerk speaks four different

Languages.

General practice of Medicine attended to

by the Doctor.

Second Street, near Postoffice.

Best of All

Cough medicines, Ayer's Cherry Pectoral

is in greater demand than ever

No preparation for Throat and Lung

Troubles is so prompt in its effects, so

agreeable to the taste, and so widely

known, as this. It is the family medicine

in thousands of households.

"I have suffered for years from a

bronchial trouble that, whenever I took

cold or was exposed to inclement weather,

shows itself by a very annoying

tickling sensation in the throat and by

difficulty in breathing. I have tried a

great many remedies, but none does so

well as Ayer's Cherry Pectoral which

always gives prompt relief in returns of

my old complaint."—Ernest A. Harter,

Inspector of Public Roads, Harrier Ter-

re, Bonne, La.

"I consider Ayer's Cherry Pectoral a

most important remedy

For Home Use.

I have tested its curative power, in my

family, many times during the past

thirty years, and have never known it to

fail. It will relieve the most serious

affections of the throat and lungs,

whether in children or adults."—Mrs. E. G.

Edgerly, Council Bluffs, Iowa.

"Twenty years ago I was troubled with

a disease of the lungs. Doctors

afforded me no relief and considered my

case hopeless. I then began to use

Ayer's Cherry Pectoral, and before I

had finished one bottle, found relief. I

continued to take this medicine until a

cure was effected. I believe that Ayer's

Cherry Pectoral saved my life."—

Samuel Griggs, Waukegan, Ill.

"Six years ago I contracted a severe

cold, which settled on my lungs and

soon developed all the alarming symp-

toms of Consumption. I had a cough,

night sweats, bleeding of the lungs,

pains in chest and sides, and was so

prostrated as to be confined to my bed

most of the time. After trying

various prescriptions, without benefit,

my physician finally determined to give

me Ayer's Cherry Pectoral. I took it,

and the effect was magical. I seemed

to rally from the first dose of this

medicine, and, after using only three

bottles, am as well and sound as ever."

—Rodney Johnson, Springfield, Ill.

Ayer's Cherry Pectoral,

PREPARED BY

Dr. J. C. Ayer & Co., Lowell, Mass.

Sold by all Druggists. Price \$1; six bottles, \$5.

DIAMOND PALACE

GUSTAV HANSEN, Prop'r.

A Large and Well Selected Stock of Fine

Diamonds & Jewelry

At Extremely Low Prices.

All Goods Bought at this Establishment

Warranted Genuine.

Watch and Clock Repairing

A SPECIALTY.

Corner Cass and Saterstrom Streets.

Thompson & Ross

Carry a Full Line of

Choice Staple and Fancy

Groceries.

Give Us a Call and Be Convinced.

A NEW ENTERPRISE.

City Express Transfer Company.

H. D. Thing and C. E. Miller,

PROPRIETORS.

Headquarters at Main Street wharf.

TELEPHONE NO. 41.

A General Express and Delivery Business

transacted.

Your patronage is solicited.

The Oregon Bakery

A. A. CLEVELAND, Prop'r.

Good Bread, Cake and Pastry

None but the Best Materials Used.

Satisfaction Guaranteed Customers

Delivered in any part of the city.

A. B. Steinbach & Co.

THE

HATTERS and CLOTHIERS.

MEN'S AND BOYS'

Clothing and Furnishing Goods.

HATS TRUNKS and VALISES.

Corner First and Morrison Streets, Portland,

OREGON.

Country Orders Solicited, and Promptly

Executed.

SEALAND.

The terminus of the Ilwaco and Shoalwater Bay Railroad. THE GREAT-
EST SUMMER RESORT ON THE NORTHWEST COAST. Lies at the head of
the Bay, at deep water, and only twelve miles from the bar. The coming
County Seat and Commercial Metropolis of Pacific county. Now laid out. Lots
on the market from \$80 and upwards.

For particulars and full information, call on or address

B. A. SEABORG,

Ilwaco, Wash.

IT IS BOILED 'WAY DOWN.

Some Facts From a Chemist About

Condensed Milk.

THE PROCESS OF PREPARING IT.

"Tell me something about condensed

milk, its manufacture and its popular

uses." requested a *Globe* reporter of

one of the best known chemists in

Boston, in a recent discussion mat-

ters in general.

"The demand for condensed milk

grew, I suppose, out of a desire to ren-

der milk capable of being transported

long distances, and to keep it sweet

for a long time. It is hardly worth

while to go into a technical description

of the process of condensing, as it is

simply evaporation—by means, how-

ever, of a vacuum pan.

"In the middle of this century, Pro-

fessor E. N. Horsford made numerous

experiments, showing that milk could

be successfully condensed by evapo-

rating it at a low temperature with the

addition of some sugar. He did not

employ a vacuum pan, but he pointed

out the means by which his assistant,

Dalson, with Blatford and Harris,

succeeded in placing the first con-

densed milk upon the market. This

milk, which was sold in cakes packed

in the foil formed part of the provis-

ions which Dr. Kane took with him

on his polar expedition.

"In 1856, Blatford improved the

process by introducing the vacuum

pan. In the same year Gail Borden

obtained a patent for applying the

vacuum pan in a particular way to

the preparation of condensed milk

without the addition of sugar or other

foreign substance. This milk, how-

ever, would not keep for any length

of time, and Borden added sugar; and

his preserved milk appeared on the

market in tin boxes, hermetically

sealed. Horsford and Borden share

the honor of having invented con-

densed milk.

"Condensed milk is prepared by

evaporating ordinary milk at a tem-

perature below 100 degrees, C; pre-

served milk is condensed milk to which

sugar has been added during the pro-

cess of evaporation."

"What is the ordinary condensed

milk of commerce?" asked the writer.

"Simply condensed milk to which

cane sugar has been added. They

found that in the boiling, after the

milk reached a boiling point, the

fat separated from the rest, and a

proper degree of thickness could not

be obtained, but that by adding cane

sugar the milk could be reduced to

the desired consistency. If the milk

were thin enough to shake around in

the can it would be churned,

as it were, by handling, and little

lumps of butter would gather in it.

Even in common milk that has been

brought to me for analysis, I have

found little lumps of butter if it has

come a long distance on the cars."

"Then there is another kind of con-

densed milk that milkmen sometimes

work on for their customers when their

regular supply has been soured by a

thunderstorm.

"Is it really a scientific fact that a

thunderstorm will sour milk?" broke

in the reporter, whose crude ideas on

that point had been suffering for en-

lightenment for years.

"Yes, I think so," continued the

ALL BECAUSE OF A CIPHER.

A Man's Life Ruined by a Moment of

Forgetfulness.

"There goes a man whose life was

ruined by forgetting the simple char-

acter '0,' said a prominent railroad

man yesterday, pointing to a ragged,

besotted man shuffling along the

street, unmindful of the rain.

"He was a train dispatcher on the

Ohio and Mississippi railroad once,

having worked to that position from

messenger boy in the telegraph office.

One Sunday he had only two trains on

his division, an express train west-

bound and a fast stock train running

east. The day was warm and sultry,

and Bill, for that was his name, had

tried to keep awake. He knew that

as soon as he made the meeting point

for the two trains he could doze, and