

The Daily Morning Astorian.

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"I have been suffering for over two years with Dyspepsia. For the last year I could not take a drink of cold water nor eat any meat without vomiting it up. My life was a misery. I had had recommended Simmons Liver Regulator, of which I am now taking the second bottle, and the fact is that words cannot express the relief I feel. My appetite is very good, and I digest everything thoroughly. I sleep well now, and I used to be very restless. I am feeling up fast; good strong food and Simmons Liver Regulator have done it all. I write this in hopes of benefiting some one who has suffered as I did, and would take path to these statements if desired."
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Tutt's Pills
stimulate the torpid liver, strengthen the digestive organs, regulate the bowels, and are unequalled as an
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In malarial districts their virtues are widely recognized, as they possess
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Sold Everywhere.
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Hay, Oats, Straw, Wood, Etc.
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Will conduct Auction Sales of Land, Stock or Household goods in the country.
Will appraise and purchase Second-hand Furniture.
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Astoria Agent for Daily and Weekly Oregonian.

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 of 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 Heaters 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.

THIS PAPER is on file in Philadelphia at the Newspaper Advertising Agency of Messrs. W. W. AVER & SON, our authorized agents.

CREAMERIES A SUCCESS.

Trials of Various Creameries Made in New England and the West.

The New England farmer, as well as those of the middle states, have had to work under many difficulties, not least of all being the fact that the soil of the vast and fertile west is a competitor, made formidable by the building of railroads that bring transportation down to a figure that makes competition possible.

Farmers throughout the west soon alluded to practiced milk-selling until they found their pastures run out and their fields reduced in fertility. This was the result of a system that failed to return anything to the soil, which had grown heavy and grain crops continuously and received no return of fertilization. They were compelled to use fertilizers, at a cost that precluded all profit, on farms that had enriched their owners in previous years. They then plain that something must be done, and finally it became apparent that selling the milk entire was a mistake, and they changed it instead to selling their cream. This involved the question of the best sugar to use and required years for its solution.

This system had the advantage that it left the skim milk on the farm to be fed to calves and pigs. This was helpful in increasing the manure piles and adding so much to the fertility of the land as to make it unnecessary to buy commercial fertilizers.

So the creameries supplanted the old style butter factories, and, by accuracy of measurement and the use of creameries located within a few miles of each other, close to the Massachusetts Agricultural college, at Amherst, is given in the *American Cultivator*, as also of many more successful ones located in Connecticut, Rhode Island, New Hampshire, Pennsylvania, Illinois and New York. The factories near Amherst only met success when they severally adopted the Cooley creamer, some of them changing to it, and others finally chose the elevator style of creamer. In all New England there are 125 creameries, of which fully 100 now use the Cooley and the rest are gradually changing to it, as no other kind realizes the same success.

One of the creameries near Amherst was about to disband and give up the business, when it was decided, at the instance of a few enterprising men, to investigate the causes of failure. They changed their creamer, and as a result realized a gain of over 10 per cent. in the butter yield. They were successful and satisfied throughout.

At Wapping, Conn., a creamery was started in a locality worn out by long cultivation of tobacco. It proved a success, and farms that could only carry five or six cows at first, now keep twelve or fifteen. Still another, in Vermont, where the hay crop is doubted, less fertilizers are bought, and instead of being in debt to merchants the farmers get their money every month and buy supplies "cheap for cash," which they had not done before that we know of.

The Wapping creamery paid its patrons an average of 25¢ cents a pound for the cream used for three years, and the payment for last December was 29¢ cents. The Lenox creamery in Vermont, near the State Agricultural College, was erected at a cost of \$750, and can work up the product of 2,000 cows. Farmers' wives are relieved of care, and have more time for household duties and make more money than when they made their own butter. They receive 25 cents a pound for cream, average for the year round. The average of pounds of milk to make a pound of butter, for eight months, as compiled from the tests of several creameries, is as follows: Milk of native cows, 22 pounds; short-horn high-grade Durham cows, 20½ pounds; Holstein-Friesian cows, high grades, 24½ pounds; high grade Jerseys, 19 pounds. They also estimated the total make of butter, per cow, for eight months, as follows: Native cows made 202 pounds; Durhams, 241 pounds; Holsteins, 235 pounds; Jerseys, 250 pounds.

The Troy creamery, in Penn., makes nearly a ton of butter a day. The Spring Mills creamery, near it, during its first nine months, produced 1,265 pounds a day and had to be enlarged. They gather cream at a distance of twenty-five miles. Throughout the eastern and middle states they average to pay 25 cents a pound for cream the year round, and farmers are doing better than when they sold their own butter.

The success of creameries is distinctly shown in a long article published by the *American Cultivator*, and one important fact therein is that nearly all, after thorough tests, have adopted the same process and their success in so doing. The result has been that farmers are receiving monthly pay for their cream alone greater than their butter sales had formerly reached. Another important fact is that by the system pursued each patron gets his just due. Cream seems to be like, whether from a highly-fed herd of Jerseys, or from only commonly-fed native cows. Purchasing cream puts all on a just level, whereas milk has very diverse valuation. The dairymen strains his milk into the cans of the creamer, then he lowers them under water. The cream gatherer, sent out from the factory, calls in due time and raises the cans out of the water. He records the spaces of cream shown on each can; first draws the milk, then the cream, which he carries to the factory to be made into butter. Each patron receives his pro rata amount for the cream furnished each month, and the averages 25 cents per pound the year round for what each furnishes.

The price paid in Pennsylvania or New England is no criterion as to what may be expected in Oregon, but the same principle applies, and if farmers are satisfied there they must be contented here if they receive as much for their cream as they have been getting for their butter. Of course the creamery realizes a profit by making more butter from the same milk than the farmer's wife did, and the butter being made on scientific principles is pure, and really better than any butter with ordinary appliances can possibly make, and always brings a higher price.

The Lamont creamery, in Pennsylvania,

was erected at a cost of \$750, but the *Cultivator*, referring to a second paper on the above subject, says: "Next week we shall illustrate an equally convenient building, of the same capacity, that has cost only \$400." It says a creamery association can be started on a capital of \$1200 to \$2000, and it is a mistake to suppose that \$400 to \$800 is necessary. All that is needed is convenient and substantial buildings furnished with the best butter-making apparatus.

AN ADVERSE OPINION.

Regarding the Stocking of Clatsop Lakes With Fish.

Correspondence between J. Q. A. Bowley and Senator Dolph concerning the stocking of the lakes on Clatsop Plains with game fish has called forth the following letter:

U. S. COMMISSIONER OF FISH AND FISHERIES, WASHINGTON, D. C., Mch. 1, 1888.

Hon. J. N. Dolph, U. S. Senate, Washington, D. C.

DEAR SIR:—In reply to your letter requesting that the lakes between Shipman and Seaside be stocked with some suitable variety of game fish, I beg to say, that I do not think it wise to introduce into waters in Oregon predatory species of fish, such as the bass of our Eastern waters, which in time of high water would make their escape into the Columbia river, and work very serious detriment to the salmon fisheries. I infer that the summer temperature of the ponds is too high to permit the introduction of the trout species with any probability of success. The ponds as you describe them would be admirably adapted for the rearing of the carp, but this, of course, is not a game fish, and I presume the stocking is asked in the interest of sports for those who frequent the resorts in that vicinity during the summer season.

Very truly yours,
MARSHALL McDONALD,
Commissioner.

A Family Blessing.

Simmons Liver Regulator—the favorite home remedy—is entirely vegetable, and is the purest and best family medicine that is compounded. No effort to be feared in administering, no injury from exposure after taking, no loss of time. It is the best preventive medicine, and safe to take, no matter what the sickness may prove to be, and in any ordinary disease will effect a speedy cure.

SOMINATING CONVENTIONS.

The date and locations of all the Democratic National Conventions are:

DATE.	PLACE.	SOMINER.
1832—May 12.	Baltimore.	Jackson.
1836—May 20.	Baltimore.	Van Buren.
1840—May 5.	Baltimore.	Van Buren.
1844—May 27.	Baltimore.	Polk.
1848—May 22.	Baltimore.	Case.
1852—June 1.	Baltimore.	Pierce.
1856—June 2.	Cincinnati.	Buchanan.
1860—April 23.	Charleston.	No nomination.
1860—June 18.	Baltimore.	Douglas.
1860—June 23.	Baltimore.	Breckinridge.
1864—Aug. 29.	Chicago.	McClellan.
1868—July 4.	New York.	Seymour.
1872—July 9.	Baltimore.	Groves.
1876—June 27.	St. Louis.	Tilden.
1880—June 22.	Cincinnati.	Hancock.
1884—July 8.	Chicago.	Cleveland.
1888—June 2.	St. Louis.

The dates and locations of all the Republican National Conventions are:

DATE.	PLACE.	SOMINER.
1828—July 17.	Philadelphia.	Fremont.
1830—May 10.	Chicago.	Lincoln.
1834—June 1.	Baltimore.	Lincoln.
1838—May 20.	Chicago.	Grant.
1842—June 4.	Philadelphia.	Grant.
1846—June 14.	Cincinnati.	Hayes.
1850—June 1.	Chicago.	Blaine.
1854—June 8.	Chicago.	Blaine.
1858—June 23.	Chicago.

Ayer's Sarsaparilla will remove that tired feeling, and give new life and energy.

Thousands of people certify to the speedy cure of all throat and lung affections, by the prompt use of Ayer's Cherry Pectoral.

Will you suffer with Dyspepsia and Liver Complaint? Shiloh's Vitalizer is guaranteed to cure you. Sold by W. E. Deмент & Co.

Shiloh's Cough and Consumption Cure is sold by us on guarantee. It cures consumption. Sold by W. E. Deмент & Co.

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Shiloh's Vitalizer is what you need for Constipation, Loss of Appetite, Dizziness and all symptoms of Dyspepsia. Price in bottles 75 cents per bottle. Sold by W. E. Deмент.

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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.

Seaside Bakery.
Best Milk Bread and
CAKES OF ALL KINDS,
Manufacturers of Fine Candies.
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And Ice Creams.
Wholesale and Retail Dealer in Candies.
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LEADING LINES.
ERIK MANULA, AT THE OCCIDENT
E. P. Co. is now prepared to lead lines with his leading machine. Price of lead placed on lines, eight cents per pound.

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 cans. ROYAL BAKING POWDER CO. 100 Wall-st., N. Y.

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A FIRST CLASS SALOON
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Good Billiard Tables and Private Card Rooms.

THE Casino Restaurant
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M. M. SERRA, Proprietor.
A Good Meal For 25 Cents.
Diners in any style, 50 cents.
In connection with this Popular Restaurant is run a first-class Saloon, well stocked with choicest Wines, Liquors and Cigars.

Wm. T. Coleman & Co.
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Cannery Supplies at Lowest Prices.
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Drafts on the leading Cities of the World
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BANKER.
ESTABLISHED 1870.
Transacts a General Banking Business.
Drafts drawn available in any part of the U. S. and Europe, and on Hong Kong, China OFFICE HOURS:—10 A. M. to 3 P. M.
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JOE LEATHERS
Is at the old stand prepared to build all kinds of boats used on the Pacific Coast. Builder of steamers Electric, Favorite, Tongue, and others.
Model Making a specialty. Stock and Workmanship first-class.

Notice.
THE MEMBERS OF THE C. R. F. P. UNION, and others intending to go to Alaska, are hereby notified that the Alaska Fishermen's Association of San Francisco, have set the following wages, and prices for Salmon:
Fifty dollars per month to Alaska and return.
10 cents apiece for King Salmon.
15 cent apiece for Small Salmon.
By order C. R. F. P. Union.
ALEX SUTTON,
Secretary.

The Akron Lacquers.
THE UNDERSIGNED RESPECTFULLY calls the attention of Gunsmiths and others to the fact that he is the Pacific coast agent for the
Celebrated Akron Lacquers,
And is prepared to quote low prices on these goods. Samples furnished on application.
J. O. BOZORTH.

CASH. 1888. ONE PRICE.
Spring Styles!
Hats! Hats! Hats!
I am beginning to receive direct from the manufacturers the new Spring and Summer styles in

Gent's Fine Soft and Stiff Hats,
In Blacks, Browns, Nutrias and Latest Shades, which for quality and price are unexcelled.
When all lines of gent's and boys' STRAW and FUR GOODS ordered are at hand, I shall be able to show one of the finest assortments ever shown in the city, which will in due time speak for itself.
—NEW LINES IN—
Boys' Suits, Pants, Etc.
For Spring and Summer of 1888.
—FULL LINES IN—
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Trunks, Valises, Umbrellas, Blankets, Quilts, Etc.
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Irish Flax Threads
HAVE NO EQUAL!



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A FIRST CLASS SALOON
In connection with the Premises. The Best of
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Good Billiard Tables and Private Card Rooms.

ONLY GOLD MEDAL
For FLAX THREADS at the
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And have been awarded HIGHER PRIZES at the various
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Than the goods of any other
THREAD MANUFACTURERS
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Quality Can Always be Depended on.

Experienced Fishermen Use no Other.
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Seine Twine, Rope and Netting Constantly on Hand,
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Dado Shades, &c., Has Arrived.
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