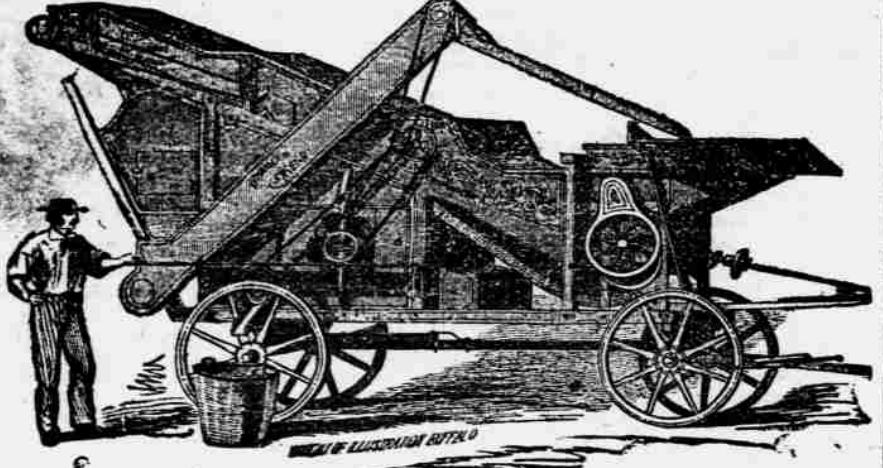


GENUINE PITTS' CHALLENGER THRESHERS,



(WITH LATEST IMPROVEMENTS TO KEEP UP WITH THE TIMES)

M'Cormick's Twine Binders, HODGE'S GENUINE IMPROVED HEADERS, CHAMPION—AND—M'CORMICK MOWERS,

Sulky Hay Rakes, and a full stock of the best Haying and Harvesting Tools, WITH A FULL LINE OF ALL EXTRAS FOR THE MACHINES WE SELL.

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Fancy Dress Goods, Silks, Satins, Fringes, Laces, Buttons, Corsets.

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J. & C. FISCHER'S PIANO,

The leading and best second-class Piano on the market.

Old and Established Standard Mason & Hamlin Organ.

Will be in Corvallis and vicinity from time to time to sell these leading instruments of the world, and in unopposed opposition to the contrary notwithstanding.

Weekly Corvallis Gazette.

FRIDAY MORNING, SEPT. 15, 1882.

The Dairy vs. Oleomargarine.
The following bill has been introduced in Congress which we trust will be considered favorably and passed at the earliest possible moment. The bill provides for the stamping the name on all oleomargarine packages.

THE DAIRY.
The American dairy is hardly a third of a century old. Starting in the eastern counties of New York, it raised people and land from poverty to thrift, until the industry now embraces almost the entire area of New York, much of New England, Pennsylvania, and Ohio, Southern Michigan and Wisconsin, Northern Indiana and Illinois, Northern Missouri, Iowa, Minnesota, Nebraska, Northern Kansas, Colorado, and California, with parts of Dakota, Wyoming and Washington Territories.

It is the great national industry. The money value of its annual product is greater than the wheat crop, more than corn, more than cotton and wool combined, reaching to between four and six hundred millions of dollars.

From five to eight millions of our people are interested in the industry. The capital invested in dairy lands, cows, utensils, etc., is estimated to reach from \$4,000,000,000 to \$6,000,000,000.

Once 100 pounds of butter to a cow was a fair average. Now from 250 to 300. Once the grass upon the land, worn out by overcropping with grain, would hardly pay for cutting. Now 3 tons to the acre is not an uncommon yield.

Butter and cheese are the only commodity for exchange which brings money to the dairying farmer. Once, with butter at a shilling a pound, and cheese at 5 or 6 cents, heavy mortgages for the purchase money of the land, the farmers were impoverished and their families without education or home comforts.

The extraordinary demand created by the war brought remunerative prices. Debts were paid, the land unburdened and the dairy farmers became the first yeomanry the world ever saw.

OLEOMARGARINE.
In 1869 a Frenchman by the name of Mege Mouriés, took out a patent in England for making butter from animal fats.

In 1873, one Paaf (another chemist) patented the process in this country, and organized a large company in the city of New York, known as Oleomargarine Manufacturing Company.

Later on, in the same year, the Mege Mouriés patent was issued in this country, by Mouriés himself, and reissued in the following year. The points covered by the patent are—
First. The rendering of the oil from the fats at the low temperature of 120° thereby avoiding the animal or tallowy odor in the product which would obtain with a higher degree of heat.

Second. Converting the oils, by churning them with milk, into butter.

It is then churned at a temperature of 100° to 120° by steam power in an upright barrel churn, in the agitator making about 175 to 200 revolutions per minute. The time of churning is about 40 minutes.

In this way the oil and milk are beaten into an emulsion. It is then drawn off into a vat, partly filled with ice, and frozen into what appears to be, from its color, beautiful spring or June butter. After the salting a product for packing is secured amounting to 610 to 612 pounds. So there is no loss from the making, but by the admixture of 100 pounds milk, and say, 30 pounds salt (cheap materials) there is a gain on the oil (the only expensive article used) of 100 to 112 pounds.

Formerly a small percentage, say 5 per cent, of butter was used to give it a flavor. But when the cows are well fed, the milk alone does that now. The coloring, of course, is added, to make it resemble dairy butter. Made in this way, it very closely resembles genuine dairy butter. It smells and tastes like it. The imitation is so much like the genuine in appearance and sensible qualities that it is impossible for any except the most skillful experts to distinguish the difference.

Extent of its manufacture.—Between 1874 and 1878 its manufacture made a little headway. But during the past three years it has advanced with alarming rapidity. One establishment in the city of New York has nine churns; 610 pounds is the product from a single churn. Product of 9 churns, 5,490 pounds in 40 minutes—200,000 pounds per week.

Per year..... 10,400,000
Other city factories (estimated)..... 460,000
Other New York States factories about..... 5,000,000

Or about one-fifth the total dairy product of the State.

Loss to dairy interest each year is variously estimated from 50 to \$200,000,000.

Under the Mege Mouriés patent alone 15 large factories prior to the spring of 1881 had been established in or covering the cities of New York, Boston, Philadelphia, Baltimore, Pittsburgh, Cincinnati, Saint Louis, Chicago, Buffalo, Cleveland, Albany, Louisville, Detroit, Omaha, and San Francisco.

Possibilities for its manufacture in the city of New York alone: Number of beehives killed per week..... 10,000
Per year..... 520,000
Allowing 100 pounds of fat per head, from which 35 to 40 pounds of "oleo" is extracted, which, by the addition of such inexpensive materials as milk and salt, increases the manufactured product about 25 per cent., the fair average yield of butter is about 45 pounds per head. Multiply this by 520,000 and we have 23,400,000 pounds. Allowing that one-fifth of the number are slaughtered in New York City, we have four-fifths to add to the above product to represent the possibilities of the entire State production, making an aggregate of 116,000,000 lbs. of oleomargarine butter. The entire dairy by-product of the State for 1875 was 111,180,413 pounds.

The following extract from Appleton's Annual Encyclopedia for 1879, and quoted in Commissioner Raum's letter to the committee, is also submitted:

"Oleomargarine, which is now extensively manufactured from animal fat, as a substitute for butter, is dreamed as a vehicle for infecting the human system with trichinae and other internal parasites. The fat is not subjected to a higher temperature than 120° Fahr. John Michels, a New York chemist, states that the refuse fat of one pork-packing establishment is, to his knowledge, sent to the artificial butter factories; and Professor Church found in Oleomargarine horse fat, fat from bones, and waste fat, such as is ordinarily used in making candles."

The degree of heat (120° Fahr) applied in its manufacture is not sufficient to kill trichinae or other animalcula and parasites; and it is feared that when the manufacture is relieved from the scrutiny of legislative investigation the fats from which it is made will be selected with less care and conscientiousness, and the public will be not only defrauded but exposed to disease and death.

It is said that oleomargarine furnishes a cheap article of food for the poor in lieu of the expensive article of genuine dairy butter; but the poor can least afford to pay the price of genuine butter for a cheap imitation; and it is to protect the poor consumer against this fraud that Congress

is asked to do what the States cannot do, and that is to aid the consumer to identify the imitation by requiring the manufacturer to place upon each package the stamp of the government, and requiring the retail dealer to sell from the stamped package. The competition is now unfair. The imposition of this tax will tend to equalize it.

The butter producing district of our country, with a thin, light, quick soil, and never-failing abundance of water, and specially adapted to grass and pasturage and the production of the sweetest butter. Stock and grain raising cannot be prosecuted with profit. The people are intelligent and thrifty. The world has never seen a better middle class. They ask that their business be protected against fraud. This is the first specific protection this important industry has ever asked at the hands of Congress. State and municipal legislation have proved inefficient for the purpose, and the taxing power of Congress is invoked.—*St. Louis Journal of Agriculture and Farmer.*

The Hog.
Let the hogs wallow. Make them a wallowing place if they have none. They ought to have a running stream to wallow in; if the water is still it soon becomes foul and most unwholesome. But a hog can no more be healthy than he can be happy without wallowing. He gets very hot about the first of July. He is not, or ought not to be, emaciated. He is a short, thick neck, and his lungs are not as large as they might be. He cannot fan himself nor use an umbrella. His best way to cool off is to get in a hole filled with very dilute mud. There, too, he can bid defiance to the flies. He coats his hide with mud, in which the vermin of his body (if he has any) are confined, and when he scratches himself against the trunk of a tree the vermin are scratched off with the mud.

Shorthorns.
Bell's Messenger says of the Shorthorns at the late show of the Royal Agricultural Society: "It was a no less hopeful sign to see the cattle classes so well filled, and especially pleased were we to find that the appearance of the Shorthorn classes furnished a most complete answer to an assertion one often hears of late to the effect that this particular breed is losing ground. That they are in as great demand as ever, was manifested from the fact that there were several new names among the exhibitors and a most promising show of young stock."

PATENTS:

Obtained, and all business in the U. S. Patent Office, or in the Courts attended to for MODERATE FEES. We are opposite the U. S. Patent Office, engaged in PATENT BUSINESS EXCLUSIVELY, and can obtain patents in less time than those remote from WASHINGTON.

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Work done to order on short notice and at reasonable rates. Corvallis, July 1, 1881. 19-27y1.

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GROCERIES, PROVISIONS, GROCERY AND GLASSWARE,

OP. Here and best patterns. From produce taken in exchange. Our motto: "Cash Sales and Small Profits." Goods delivered free to any part of the city. 19-27y1.

TO THE SICK AND AFFLICTED—AND ESPECIALLY—

Those Suffering from Debility, Nervous Prostration, Loss of Vitality, Sexual Infirmities, Etc., Etc.

THE GREAT NEED THOSE WHO ARE SUFFERING FROM SEXUAL AND NERVOUS COMPLAINTS IS A PHYSICIAN WHO CAN COMPREHEND THEIR AFFLICTIONS AND SUCCESSFULLY TREAT THEM.

The general practitioner who is not sufficiently skilled in these classes of troubles to do so and it must be left to the SPECIALIST, who by education, long practice, thorough knowledge, a comprehensive mind, is prepared to cure them.

DR. J. C. YOUNG
Opened his new celebrated Institute in 1859 for the purpose of affording the afflicted the certainty of honorable and skilful treatment and perfect and permanent restoration, and for over 30 years it has sustained the first rank not only upon this Coast but throughout the civilized world.

It is an avowal that by dwelling upon so unenviable a subject as the DECADE OF SEXUAL VIGOR the physician may acquire a myriad of patients, but the desire to inform those who are suffering through ignorance, or who by carelessness or want of knowledge that a cure can be had, are not only hurrying themselves to an untimely grave, but giving sexual weakness as an inheritance to future generations, is too great an incentive to permit me to be silent.

SYMPTOMS.
IF YOU ARE SUFFERING FROM NIGHT LOSS, ENERVATION, WEAKNESSES, CONFUSION OF MIND, SLIGHT LOSSES WITH UNDESIRABLE EMPLOYMENT, VARIABLE TEMPER, TREMBLING PALPITATION, FLUENT URINE, AND UNUSUAL PRACTICED SELF-ABUSE EVEN IN THE SLIGHTEST PARTICULAR YOU ARE SUFFERING FROM THE GREAT ENEMY OF HUMAN LIFE.

And should not hesitate to seek an open health and happiness in a cure.

CURES GUARANTEED, FEES MODERATE. CONSULTATION BY LETTER OR OTHERWISE FREE.

Exclusively Vegetable Remedies Used.

Ladies.
You are especially liable to suffering from NERVOUS PROSTRATION. All your peculiar complaints are nervous in their origin. But when your sufferings are terribly depressing or inexplicably long, the Doctor in his researches and practice of NERVOUS TROUBLES has made your condition a special study and is thus enabled from his experience and knowledge to aid and cure you in any of the Troubles, Weaknesses, Distresses, and Sufferings to which you are liable.

Dr. Young will find in the Doctor a friend upon whom you can rely for comfort, aid and cure.

Dr. Young's Female Remedies have attained a reputation for efficiency unequalled by any medicine or medical prescription ever offered. They can be sent by mail or express.

Those desiring personal care and attention can have all necessary accommodations furnished.

Letters.
Those who cannot visit the city can by giving their symptoms in their own way, receive advice, and when desired, treatment at home with every assurance of a cure.

LETTERS RETURNED OR DESTROYED.

Address, **DR. J. C. YOUNG,** Medical Institute, No. 7 Stockton St. San Francisco, Feb. 21, 1882.

WARNER'S SAFE KIDNEY LIVER CURE

Scientists now all admit that most diseases are caused by disordered kidneys or liver, and that if these great organs are kept in a perfect condition, health will be the result. WARNER'S SAFE KIDNEY AND LIVER CURE

is made from a simple Tropical Leaf OF RARE VALUE, AND IS A POSITIVE Remedy for the following Troubles:

Pain in the Back; Severe Headaches; Dizziness; Hoarseness; Inflamed Eyes; A Tired Feeling; Night Sweats;

Pains in the Lower Part of the Body; Palpitation of the Heart; Jaundice; Gravel; Painful Urination; Malarial Fever; Fever and Ague;

And all diseases caused by the Kidneys, Liver or Urinary Organs being out of order. It is a SAFE and CERTAIN cure for all Female difficulties, such as

Leucorrhoea; Inflammation of the Womb; Falling of the Womb; Ulceration of the Womb.

It will control and regulate Menstruation, and is an excellent and safe remedy for females during pregnancy. As a Blood Purifier it is unequalled, for it cures the organs that MAKE the blood. For

Carbuncles; Scrofula; White Swelling; Salt Rheum; Poisoning by Mercury or any other Dr. g.

It is certain in every case. For Incontinence; Impotence; Pains in the Loins, and all Similar Diseases.

It is a safe, sure and quick Cure. It is the only known remedy that has cured Diabetic Disease.

As a proof of the purity and worth of this Great Natural Remedy, read the following

CHEMICAL ANALYSIS:
S. A. LATTIMORE, Ph. D., L. D., Professor of Chemistry in the University of Rochester, N. Y., knowing the reputation and merit of Warner's Safe Kidney and Liver Cure, after a thorough Chemical Analysis, has furnished the following statement:

UNIVERSITY OF ROCHESTER, Chemical Laboratory, ROCHESTER, N. Y., Jan. 8, 1880.

Mr. H. H. Warner has placed in my possession the formula of the medicine manufactured and sold by him under the general designation of WARNER'S SAFE KIDNEY AND LIVER CURE. I have investigated his processes of manufacture, which are conducted with extreme care and according to the best methods. I have also taken from his laboratory samples of all the materials used in the preparation of this medicine, and upon critical examination I find them, as well as the medicine into which they enter, to be entirely free from poisonous or deleterious substances.

S. A. LATTIMORE.

This Remedy which has done such wonders, is put up in the LARGEST SIZED BOTTLE of any medicine upon the Market, and is sold by Druggists and all dealers at \$1.25 per bottle. For Diabetics require for WARNER'S SAFE DIABETES CURE. It is a POSITIVE Remedy.

H. H. WARNER & CO. 19-6y1 Rochester N. Y.

NEW PREPARATION OF WATSON'S COMPOUND OYGEN

NEW PREPARATION OF WATSON'S COMPOUND OYGEN. It is a new and improved preparation of the purest Oxygen, and is adapted to all cases of Debility, Nervous Prostration, Loss of Vitality, Sexual Infirmities, Etc., Etc. It is a safe and reliable remedy, and is sold by all Druggists and Dealers. Price, 50 Cents per Bottle. Sent by Mail on Receipt of the Price.

It is not wealth, or fame, or state, But "git up and git" that makes me great.



BAY VIEW HOUSE,

Newport, Oregon.

New additions, Newly furnished, Newly repainted.

TERMS.
Per day.....\$1 50
Per week..... 7 00
Per single meals..... 50

For Elk City, connecting with the steamer for Newport, leaving Elk City

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LEAVING CORVALLIS MONDAYS, WEDNESDAYS, AND FRIDAYS.

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Stage Office at Vincent House, Corvallis. 19-27y3 BRINK & WRIGHT.

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—AND— SALE STABLE.



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OWNING BOTH BARN I AM PREPARED TO offer superior accommodations in the Livery line. Always ready for a drive.

GOOD TEAMS

At Low Rates. My stables are first-class in every respect, and am patent and obliging hostlers always ready to serve the public.

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