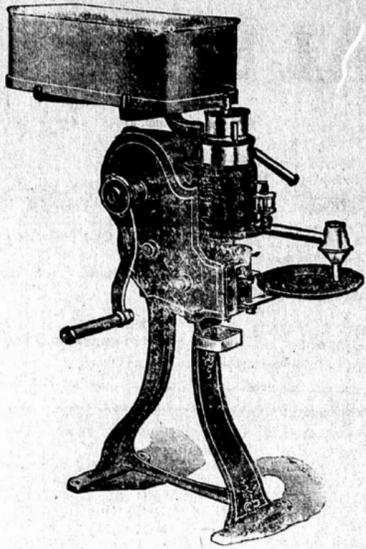


Every Farmer Should Know How the U. S. Cream Separator is Easiest Washed



MAIL THIS COUPON TODAY

VERMONT FARM MACHINE CO.
657 Monadnock Bldg., Chicago Ill.

Gentlemen: I am interested in a free demonstration of the mechanical washing of the U. S. Separator.

Name _____
Address _____
R. F. D. _____ State _____
Separator now used _____
How long? _____
Serial No. _____
How many cows owned? _____
I live _____ miles _____ from _____
(Give Direction)

Any man or woman can wash a United States Cream Separator IN HALF the time needed to clean other separators.

Some users have told us that appearances are against the easy washing of the United States Cream Separator. They say that at first sight they were prejudiced against it. The object of this advertisement is to tell you why the U. S. is easiest to clean and how it will save you half your time.

The skimming sections are made up of narrow vertical channels, which are entirely open from end to end. When they are whirled in water the water is driven with great speed and force through these channels, carrying off all the milk and dirt with it.

The whirling process is more effective on the United States Cream Separator than on other separators for four reasons:

First:—There are no obstructions in which, or behind which, dirt can lodge.

Second:—The arrangement of the sections which make up the skimming device enables water to be driven hard through them and in its passage to scrub off and carry away all impurities.

Third:—The use of nickel silver in the sections, a non-adhesive anti-rust metal to which dirt and milk stick less than to tin or steel.

Fourth:—The U. S. Mechanical Washer (see picture) which is far superior to anything hitherto known for washing skimming sections.



U. S. MECHANICAL WASHER

"It is an Excellent Device."

Lenox College, Hopkinton, Ia.
Jan. 23, 1913.

The horizontal Rotary Washer has been received and put into operation. It does the work much better than the upright because of the fact that it can be speeded up so much more. It is an excellent device. We thank you very much for sending it on.

E. E. Reed, President.

"An Ideal Washer."
Racine County School of Agriculture, Rochester, Wis., Jan. 27, 1913
The new Mechanical Washer which you sent some time ago arrived several weeks after we were notified to look for it, in fact it arrived a little over a week ago. I was so well pleased with it that I presented the matter to the pupils of the school at once as an ideal washer. It is the best I have seen in many ways and seems a great improvement over the old form. It is so much easier handled and the quantity of water used is such that it is convenient to use.

—James A. James, Principal.

Revolutionizing the Cleaning of Separator Bowls.

Pine Grove Farm, Lakeview, Mich., Jan. 22, 1913.

I received the Mechanical Washer which you sent for my No. 14 U. S., and it certainly does the work to perfection. This system will, in my opinion, revolutionize the washing of separator bowls.

Since receiving the washer everyone in the family wants to wash the separator.

—H. H. Moore.

U. S. Nickel Silver Skimming Sections Are Guaranteed Not To Rust

When you buy the United States Cream Separator you not only get the best all-round separator on the market but you have back of it a stronger guarantee than that made by any other separator manufacturer. Here is what we guarantee:

First:—Every United States Cream Separator is guaranteed perfect in materials and workmanship.

Second:—The nickel silver skimming sections used in U. S. Separators are guaranteed never to rust.

No other separator manufacturer will give you a non-rusting guarantee. The 1913 model United States Separator, with its non-rusting and mechanical washing, makes other separators distinctly out of date.

Very Easily Cleaned and Rustless.

Menominee Co. School of Agriculture, Menominee, Mich., Oct. 21, 1912.

Your letter of the 11th inst. was received by me.

The No. 17 U. S. Separator with its new skimming device works very satisfactorily. It is very easily cleaned and does not rust.

C. J. Wuellner,
Milk and Meat Inspector.

"The Sections will not Rust"

Washington, Ill., Jan. 30, 1913.

Referring to the washing of the U. S. Separator, I must say it is a very easy washer. The more it is washed the easier it is to wash. My new U. S. Separator is a great improvement over my old U. S. in washing. The old U. S. was used for ten years. I must say that the sections will not rust.

Henry Sdhaling.

Does Not Rust Like the Others.

The University of Minnesota,
Crookston, Minn., May 1, 1912.

In compliance with your request I have tested as thoroughly as I know how the U. S. Separator No. 15, and am glad to be able to report that I found the capacity to be 700 lbs. per hour. The cream tested 29 per cent, skim milk tested .019 per cent.

We have three other hand power separators, and I am satisfied that the U. S. runs easier, does not rust like the others do, and gives fully as good results as any of them. The patent washer which you sent for washing the sections makes the washing easier.

—F. H. Sargent, Dairyman.

Answer us this. If you are using or are going to use a cream separator this year, is it not to your own advantage to use the "United States"—the separator admitted to be the closest skimmer and the separator which has the greatest labor and time saving features?

We will prove it. We do not ask you to take our word or that of any other person as final. We will have a brand new 1913 model U. S. Separator sent out to your home. Try it. See for yourself that there is nothing equal to it. The demonstration is FREE. Fill out and mail the coupon NOW while you think of it.

PRICE as low as \$25.00 Old Separators of all makes taken in part payment.

Vermont Farm Machine Co.
Bellow Falls, Vt. Distributing Warehouse for Separators and supplies at Toledo, Chicago La Crosse and Minneapolis. Chicago, Ill.

:: SOLD BY ::

Farmers' Co-operative Co.,
Viking, Minn.

Jacobson Implement Co.,
Stephen, Minn.

Lundgren Wittensten & Co.,
Warren, Minn.

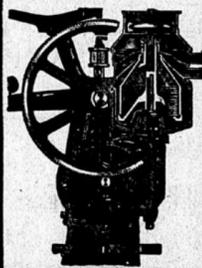
J. A. Coberg & Co.,
Rollis, Minn.

Henry Young,
Middle River, Minn.

J. J. Olstad,
Strandquist, Minn.

William C. Skeels,
Newfolden, Minn.

A Perfect Separator Oiling System



In a machine which is operated at the speed required for a cream separator, perfect oiling is very necessary.

The new system of De Laval automatic oiling provides for a constant and liberal supply of CLEAN oil to every wearing surface of the machine at all times. There are no oil holes to fill up with dirt or perhaps to be neglected altogether, and every part is supplied with clean oil from the oil reservoir automatically and constantly.

In other, so-called, automatic oiling systems some of the parts have to be oiled by hand and no provision is made for getting rid of dirt that may get into the oil from the outside or of small particles of metal which come from wear, so that after a short time the oil supply becomes foul and injurious to the finely adjusted wearing parts.

DE LAVAL Cream Separators

have the only automatic oiling system which provides for a constant supply of fresh oil and, at the same time, the constant discharge of the used oil together with all worn metal particles or dirt which may have gotten into the used oil.

The perfect system of De Laval lubrication means an easier running and a much longer wearing machine. Come in and let us explain the advantages of De Laval automatic oiling.

K. J. Taralseth Co.
WARREN

Stickney Gasoline Engines ARE THE BEST



Broken Winded?

A sound horse is worth many times the price of a broken winded one. The sound horse will pull out where the other will stick—Just so with a Stickney Engine—it will never stick.

Lundgren-Wittensten & Co.

EXCLUSIVE AGENTS

Lundgren-Wittensten & Co., Warren, Minn.

on one of these trips; our articles of food were figured out to 1-2 lb. Sugar, salt and bacon are the three most important things, flour, beans and rice are next, fish are plentiful also deer and elk, the latter we are not allowed to kill only in case of starvation. The mining claims we now hold are considered some of the best in B. C. and no doubt will make us a little fortune when more developed. This we learned from mining engineers that examined our property. I am at Boise at present with my parents where I have spent the winter. I will soon leave for north Vancouver island again to develop our property.

Yours very truly,
—John J. Badraun.

(Article from Capital News Boise City).

John Badraun, a prominent young man of the Boise Valley, who was formerly connected with the Boise Valley Railway company, has returned from a mining and hunting trip into an unsettled section of British Columbia where he spent two years and had some hard and exciting experiences and is more than pleased to be home again in southern Idaho. When asked for an account of his trip into that section he wrote the following:

"I left Boise about two years ago, bound for Alert Bay, B. C. Alert Bay is a small village on the inland steamship passage which leads to northern British Columbia and Alaskan seaports, about 200 miles from Vancouver, B. C.

"On arriving there I learned that prospectors of the nearby mining division had been quite fortunate in their findings, so I decided to try my luck at it. My brother-in-law and I each took a pack sack filled with articles of food, such as beans, rice, flour, bacon and sugar. Our blankets and a few necessary pieces of clothing, and also a small tent. With our pack sack on our backs, we traveled over miles and miles of mountainous regions, much of which was covered with heavy growths of hemlock, spruce and cedar. Mountain streams were alive with trout, while in the larger brooks salmon were making their way up to spawn. Several times we saw Mr. Black Bear grab a nice salmon and devour it. Whenever we

came to a lake, of course we had to stop to hollow out a log for a canoe. Our packs each weighed 96 pounds, which if the weather was pleasant were heavy enough, but whenever it rained or snowed traveling thusly was far from being pleasant. Finally we reached our destination.

"We pitched our tent again, had a big feed of beans, ham and coffee, as usual. After prospecting on Elk mountain for weeks we discovered a large outcropping of boronite copper ore, ranging from 12 to 40 feet in width and about 2500 feet in length. I is hard to explain all the sensations we experienced; only one who has had similar experiences can realize how happy we were.

Country Not Settled

"Northern Vancouver is not at all settled. That is to say, not more than a mile from the beach.

"It cannot be considered a good farming country. The ground is all very heavily timbered and very swampy in level places. The rolling country is nearly all rocks. It costs anywhere from \$100 to \$500 per acre to clear the land. Then, too, the burning of the heavy timber is liable to burn up the good soil, making it absolutely useless, unless well fertilized.

"On the west side of the island is situated a whaling station. While standing on the beach one day my attention was attracted to a large-sized boat which seemed to tow two smaller boats. As the boat neared the shore I saw to my surprise that what seemed like the smaller boats were two enormous whales. Just whales—about 100 feet long! I was anxious to see what they would do with the whales, so I went to the station. The whales were first pulled upon an incline chute, or dock, by their tails. Then scores of Japs, Chinamen and Indians stood ready with knives about four feet long to carve the fish. They slashed the outside or fat in long strips. Then a cable was fastened to one strip at a time and by the aid of the donkey engine, was drawn from the whale's body. Each strip is cut up into squares. These squares are placed in large vats where the oil is rendered out. The rest of the whale is cut up with large crosscut saws and ground up for fertilizer. The whale bone which ladies commonly wear, is found in the strainers, and are

situated in the back of the whale's head.

Capturing the Whales

"It is very interesting to know how those enormous fish are captured. In capturing one, an expert gunner is required. They use long flexible ropes, one end of which is fastened to a crossbar inside of a cannon ball. When the cannon is fired it penetrates the whale's body. The bar to which the rope is fastened then has a strong hold. After a short struggle between ship and whale, the latter finally dies and then can be towed in by the rope as I have mentioned.

"Numerous canneries are situated near bays and mouths of large rivers. The Indians devote their time to fishing.

"In Alert Bay nearly all the inhabitants are Indians. It is quite interesting to see their potlaches (meaning to give away). At each potlache lots of things are given away. At one certain Indian gave away about 2200 sacks of flour. At another 2500 gallons of fish oil, valued at \$1 a gallon, and \$2300 in coins were given away. Squaws are also sold. Some are sold for over \$1000, while others are somewhat lower. These women have to marry whom-ever makes the purchase. Then, besides giving away various articles, they have much feasting and dancing and other sports. The Indians appear in their most beautiful attire, ermine skins, beads, feathers and shawls of all colors are seen galore. It is customary for the ones who have received gifts at potlaches to return double the amount to the giver the following year.

Much Trapping Done

"There is much trapping done in that region during the winter months. Mink, martin, wolves and mountain lions are very plentiful. To give the reader an idea how bold and cute a mountain lion is, I might narrate an incident which occurred in one of our mining cabins, while we were doing some development work.

"One of the boys was in the habit of staying up late at night to read magazines. One night he was aroused by clattering on a nearby table. He looked up and there, to his surprise was a mountain lion busy pushing around some of the "grub." He had planted a paw on the cheese

for we saw the print of his foot on the next morning. (This was our only proof that Mac was telling the truth). Mac told us that he fired his book at the mountain lion which quickly escaped through the open door without showing any fight, a fact which surprised him somewhat. We were not much surprised that Mac was very sleepy the next morning, for he no doubt lost much sleep.

"On the first of November my companion and I chartered a small steam launch for a hunting trip. We went to a place called Knight inlet, which extends about 80 miles into a very mountainous region on the mainland of British Columbia. We were unusually fortunate on this trip, for at the end of the week we had killed 14 fine buck deer, three mountain goats, 56 geese and many ducks. We were much satisfied with the result.

"A short time after that I decided to try civilization again. So here I am at home in the Boise valley, back to God's country."

ACADEMY PREPARATORY
BUSINESS SHORTHAND
MUSIC COOKING
ART SEWING
NORTH STAR
COLLEGE
CATALOG FREE
O.E. Abrahamson President

HOTEL
VENDOME
The Minneapolis Dollar-Hotel
200 MODERN ROOMS
Located in Heart of Business District
SINGLE RATE \$1.25
EUROPEAN RATE FOR TWO PERSONS \$1.50
PRIVATE BATH AND TOILET EXTRA
COMPLETE SAFETY
AUTOMATIC SPRINKLERS
AND FIREPROOF CONSTRUCTION
(INSURANCE RECORDS SHOW NO LIVES EVER LOST IN A SPRINKLED BUILDING.)
EVERY ROOM HAS HOT AND COLD RUNNING WATER, STEAM HEAT, GAS AND ELECTRIC LIGHTS, AND TELEPHONE SERVICE.
SEVEN STORY ANNEX IN CONSTRUCTION.