

THE American Well Works
 AURORA, ILL., U. S. A.
 CHICAGO, ILL. DALLAS, TEXAS.

**Build the Standard BORING, COR-
 ING or ROCK PROSPECTING
 MACHINERY**

**Your Traction Farm Engine will suc-
 cessfully drive, in prospecting, that
 OIL, GAS or WATER problem.**

Also build FULL LINE heavy PUMPING MACHINERY.
 Catalog mailed on request.



Washed in 1 minute

Count the pieces—notice the difference—and you'll understand why the one who has to do the cleaning prefers the simple Sharples Tubular.

There are other advantages just as much in favor of the Tubular. Write today for catalog V-186—it tells you all about the gain, use, and choice of a separator.

The Sharples Separator Co.
 West Chester, Pa.

Toronto, Can. Chicago, Ill.

A Big Difference

One Minute's Washing as compared to at least fifteen. Wouldn't you like to save at least fourteen minutes twice a day? One minute with a cloth and brush cleans the absolutely simple Sharples Dairy Tubular Cream Separator bowl shown in the upper picture. It takes fifteen minutes to half an hour with a cloth and something to dig out dents, grooves, corners and holes to clean other bowls—one of which is shown in lower picture.



Washed in 15 to 30 minutes

condition, with the pores and digestive system in their highest state of perfection. The nearer we can approach to this ideal condition in our winter feeding, the better the results that may be expected. Linseed meal, as a part of the grain ration, helps to put the animal in summer condition; hence we have here a part of the success from feeding oil meal to cows, fattening animals and sheep. In our own experiments, five pounds of linseed meal per day to milch cows and fattening steers and two ounces per day to sheep was the maximum.

Oil meal gruel furnishes one of the best substitutes for cow's milk in rearing young calves. In making my annual report for 1889, I stated that for young calves, gruel is best prepared by adding one ounce of old process linseed meal to one pound of water and bringing the whole to a boil; while for older calves, two ounces of old process linseed meal to the pound of water, should be employed. On this feed we have excellent results in rearing young calves weaned from their mothers.

The Old Country farmer values linseed meal for another reason, viz., for its manurial value. One ton of linseed meal will contain on an average not less than

	Pounds per Ton.
Nitrogen.....	100
Phosphoric acid.....	38
Potash.....	23
Lime.....	12

To purchase the equivalent of this amount of fertilizing matter in the form of a commercial fertilizer would cost the farmer not less than eighteen to twenty dollars. The single crop idea is destructive of fertility, but more than that, farmers are fast selling their store of wealth in the bushel measure, sending it East in the form of wheat bran and oil cake. This should be consumed upon our Western farms, converted into finished products—meat and butter—to be shipped to supply the great markets of the world.

HUMOROUS

A young Northern woman once went out to visit the famous old chapel and cemetery of St. Roch, near New Orleans. The eccentric old Frenchman in charge was delighted to show her about, and when they came to one of the "stations" where hung a painting of the Crucifixion, wishing to make sure of a firm foundation for her appreciation of the subject, he inquired:

"Madame is an artist?"
 "No," modestly replied "madame," "only a student."

The old man was visibly disappointed, but, taking new courage, he tried again: "Madame has traveled much. Perchance to Paris?"

"No," replied the lady, with proper regret, "I have never been to Paris."

Increased disappointment, almost reaching the point of disapproval, but followed by another brave attempt at establishing mutual interest and understanding:

"Madame is a good Catholic?"
 "No," sadly replied the unfortunate woman, a trifle uncomfortable, although amused.

"Well," in desperation, "this painting is by a great artist—a French artist who lives in Paris. It represents the Christ who long ago was crucified upon a cross. You have heard of Him?"

"You know," said a "smart" young man to a girl, "some one has said that if you would make a lasting pair of boots take for the sole the tongue of a woman."

"Yes," replied the girl, "and for the uppers you ought to take the cheek of the man who said it."

An old farmer and his wife were attending church service one hot Sabbath day. The windows were open and the noisy chorus of the crickets was distinctly audible. In due course the choir sang an anthem, and the old man, a music-lover, listened enraptured. At its conclusion he turned to his wife and whispered:

"You see that glorious and divine, 'Miserere'?"

"Yes," she answered, "and to think that they do it all with their hind legs."

Sunshine Furnace



SIR WILFRED LAURIER
 PRIME MINISTER OF CANADA
 SUNNY WAYS

The "Sunshine" furnace and "sunny" ways are synonymous.

The cold, dreary winter days can be made cheery and warm with a pure, healthful heat if you have a "Sunshine" furnace.

Is easier to operate, cleaner, uses less fuel and "shines" in many other ways over common furnaces.

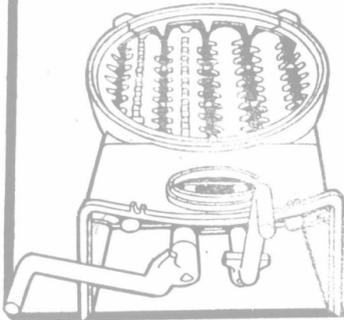
Two shakers are used to shake the heavy, triangular-shaped grates. This just cuts the work of shaking-down in half, besides being easier on the furnace than the old one-shaker style.

Sold by enterprising dealers everywhere.

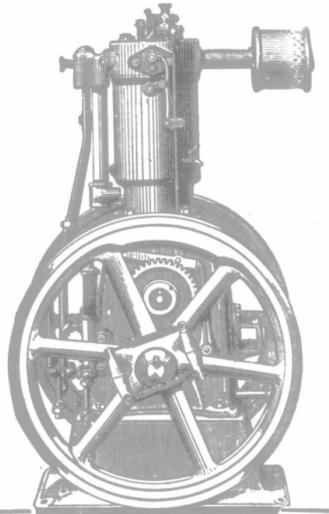
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McClary's

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 VANCOUVER, ST. JOHN, HAMILTON.



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When a man invests in a farm power, he owes it to himself to get the best that can be bought for the money.

The modern business farm can no longer be successfully operated without a power of some kind.

The best, most economical, and safest farm power is a gasoline engine.

The best engine is the

I. H. C. Gasoline Engine.

Why? Well, because it's so simple, easily kept in order and operated definitely.

It develops the full rated horse power and sustains it against the heaviest load.

It is safer, cheaper and more efficient than steam power.

It is adaptable to any and every use requiring a power.

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- Grinding and Cutting Feed;
- Pumping; Sawing Wood;
- Separating Cream; Churning;
- Etc.

I. H. C. engines are made in the following styles and sizes:

Vertical, 2, 3, 5 Horse Power.
 Horizontal, Portable and Stationary, 4, 6, 8, 10, 12, 15 Horse Power

If not intending to purchase an engine now, you may want one in the future and really ought to know more about them.

Call on the International Agent for information or write nearest branch house for catalog.

Canadian Branches: Calgary, London, Montreal, Ottawa, Regina, St. John, Toronto, Winnipeg.

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W. C. (INCORPORATED)

A BAD CASE

OR

KIDNEY TROUBLE

CURED BY

DOAN'S KIDNEY PILLS.

Kidney Troubles, no matter of what kind or what stage of the disease, can be quickly and permanently cured by the use of these wonderful pills. Mr. Joseph Leland, Alma, N.W.T., recommends them to all kidney trouble sufferers, when he says:—I was troubled with dull headaches, had frightful dreams, terrible pains in my legs and a frequent desire to urinate. Noticing DOAN'S KIDNEY PILLS recommended for just such annoyances as mine, it occurred to me to give them a trial, so I procured a box of them, and was very much surprised at the effectual cure they made. I take a great deal of pleasure in recommending them to all kidney trouble sufferers.

Price 50c. per box, or 3 for \$1.25; all dealers or The Doan Kidney Pill Co., Toronto, Ont.

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