

They are simple; easily and cheaply manufactured. When cows are stalled, it would seem that one man could milk ten in fifteen minutes, if he was supplied with the milkers for each cow.

#### LINSEED.

The seed of the flax plant, or linseed, has long been known by farmers to be a very nutritious substance; as well as one that may be used to advantage in certain complaints of cattle, as a safe and efficacious medicine. The whole seed boiled soft, and, together with the water in which it has been boiled, is given in many parts of the country as a

cordial drink to cows after calving, and as a tonic to promote recovery after an illness. But, like all seeds having a strong envelope, when administered in a whole state, even on being boiled, is apt to pass through the digestive organs of ruminating animals unaltered. To derive all its nutrient property, it should be used only when bruised or converted into meal. In the form of meal it has long been used, after being boiled into a porridge or jelly, as an assistant food to milk for the older calves, until they are weaned. Linseed meal, when boiled and used hot, forms also an excellent poultice for the drawing of any sore that may affect an animal.

#### PATENT SELF-ADJUSTING CHURN.

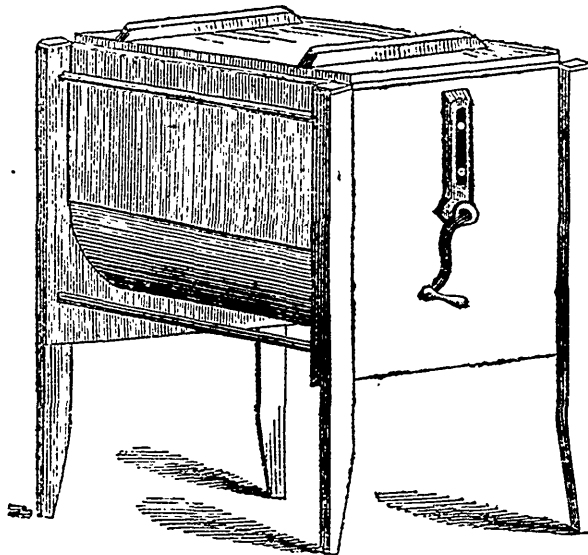


FIG. 1.

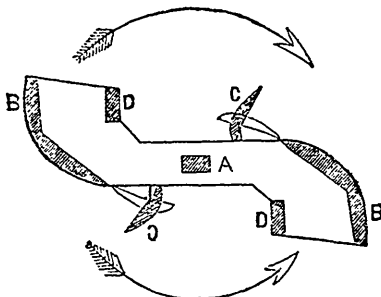


FIG. 2.

We present our readers with the above cut of a newly invented churn, constructed on a principle that has lately been applied to churns with great success. This principle is simply adjust-

ing the floats of the dasher, which is placed in a horizontal position, in such a manner as to force the milk or cream towards the centre, by turning in one direction and from the centre by turning in the opposite direction. By the first motion the butter is quickly produced, and by the second it is collected together, and partially freed from the milk. The above appears to us to be a simple and cheap application of this principle. The arrangement of the floats differs from any we have seen in this, that two of these (c. c.) are moveable. When the dash is turned in the direction of the upper arrow the floats stand open, and allow the cream to pass through. When the butter has been produced and the motion of the dash reversed for the purpose of gathering, these floats shut down and force the butter and cream against the sides and bottom of the churn. There