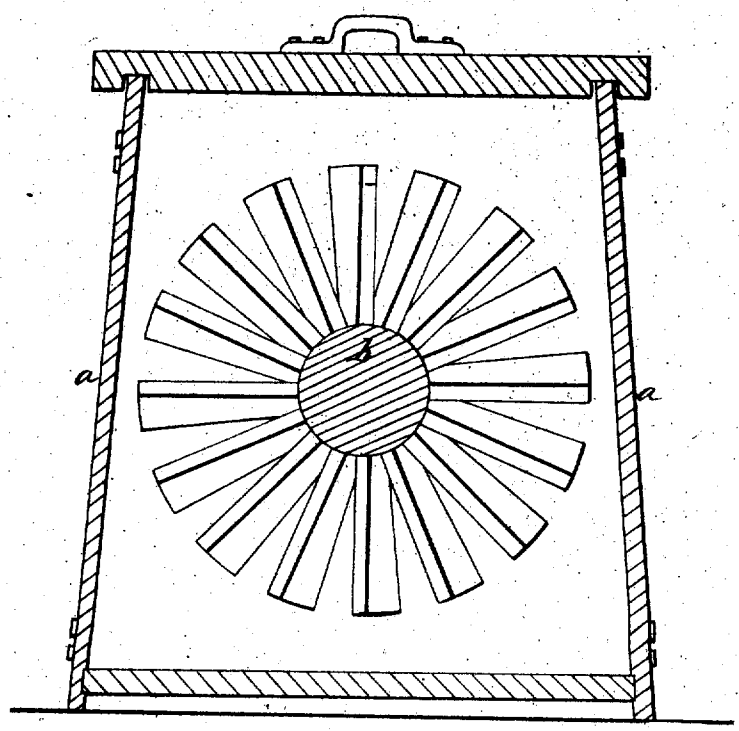
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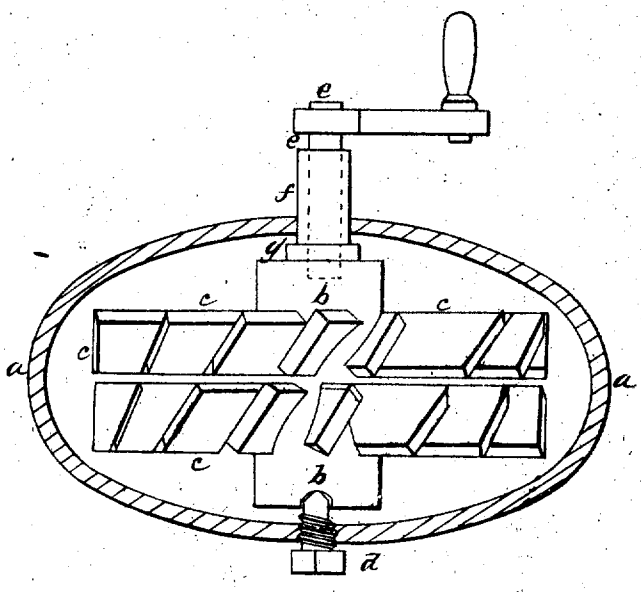
I. Wood.

Churn.

Patented Jun. 26, 1836.

8,942-X





8942X June 26. 1835 265

Isaac Wood, resided two years, United States

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same, containing a description in the words of the said Isaac Wood himself of his improvement in the making of Churns.

Be it known that I the said Isaac Wood have invented a new and useful improvement, not known, or used before in the making of Churns, which invention and the manner of using it is as follows. Make a tub of an oval or elliptical form say about 20 inches high— the longer diameter 18 inches in length and the shorter 16 inches— let the tub gradually taper off from bottom to top. In this hang horizontally, a wheel, as follows— this wheel consists of a wooden shaft 4 inches in diameter, in which is inserted 16 paddles, each five inches long, two inches wide and half an inch thick— set in rows of two, round the shaft, in spiral positions. In one end of this shaft is a center opening, to let in the pivot end of a tempering screw— and in the other end is a square mortice to let in the tenon forming the inner end of the crank shaft that passes through the water joint. The water joint consists of a metal tube about three inches long, set in the side of the tub, with the crank shaft passing through the center of the tube, and made water tight by a collar on said shaft turned and fitted to the end of the tube on the inside of the tub— on the same end of this shaft is a tenon that enters the mortice in the end of the wheel shaft— on the outer end of this crank shaft which passes through said tube is fastened the crank for turning the machine opposite the insertion of the crank shaft enters the tempering screw, which when turned in properly to its place, draws up the collar of the crank shaft to the tube and makes the joint water tight— Turn this screw back

and

Transmitted

8942 X

And the paddle wheel is working at pleasure, and may be taken out and cleaned. and thus leave the tub clear for cleansing also. The lid of the tub is an inch larger than the top of the tub rabbited out all round and thus fitted to drop in and on the top, tight. Great expedition and ease is thus given to the process of making butter and the whole machine is cleansed without trouble or difficulty

In witness whereof I have hereunto subscribed my name this 29th Oct AD 1834.

Witnesses
C. W. Parker
Ezra Rogers

Isaac Wood

Ex'd
W.J.C.

[468 wds

(June 26. 1835)