

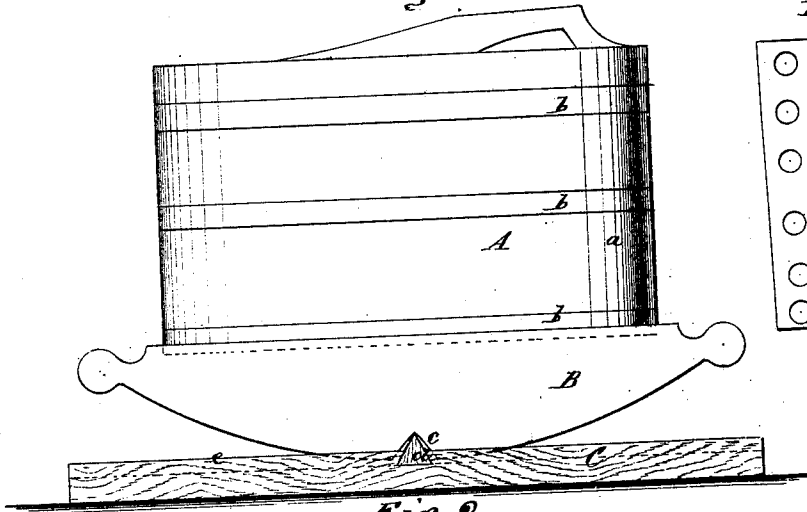
*H. Saggan,*

*Churn.*

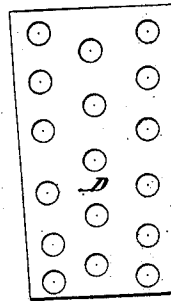
*No. 108297.*

*Patented Oct. 11. 1870.*

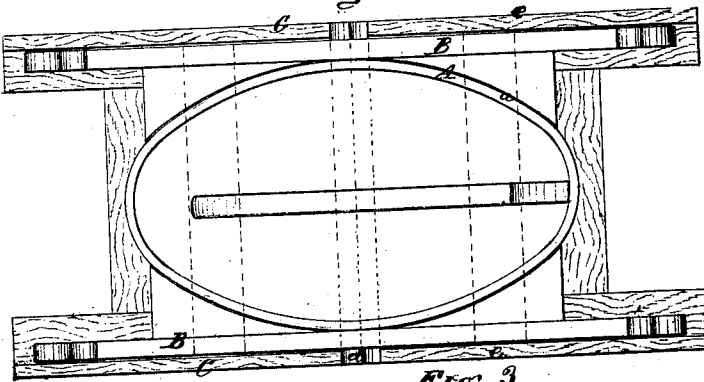
*Fig. 1*



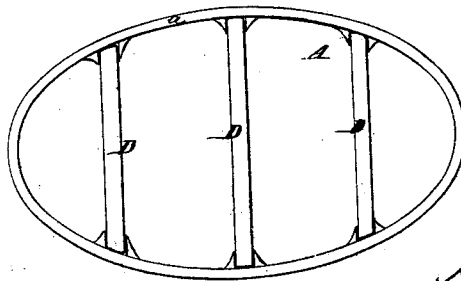
*Fig. 4*



*Fig. 2*



*Fig. 3.*



*Witnesses.*  
*G. M. Ackerman*  
*Theo. Tusch*

*Inventor*  
*Henry Saggan*  
*per A. R. Haight Attorney*

# United States Patent Office.

HENRY SAGGAN, OF NEWARK, NEW JERSEY.

Letters Patent No. 108,297, dated October 11, 1870.

## IMPROVEMENT IN CHURNS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, HENRY SAGGAN, of Newark, in the county of Essex and State of New Jersey, have invented a new and improved Churn; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon, making a part of this specification.

This invention relates to a new and improved churn, of that class in which the agitation of the cream is produced by a rocking motion of the cream-receptacle.

The object of the invention is to simplify and render more practicable than hitherto this class of churns, as hereinafter fully shown and described.

In the accompanying drawing—

Figure 1 is a side view of my invention.

Figure 2, a plan or top view of the same.

Figure 3, a detached plan view of the cream-receptacle with the lid removed.

Figure 4, a detached view of one of the perforated partitions pertaining to the same.

Similar letters of reference indicate corresponding parts in the several figures.

A is the cream-receptacle, which is constructed in the form of an oval, and of staves, *a*, properly bound with hoops *b*.

This cream-receptacle rests upon rockers, B B, which are fitted upon ways, C C, connected at a suitable distance apart by transverse bars.

In the lower edge of the center of each rocker there is made a notch, *c*, and in these notches a cross-bar, *d*, on the ways C C, is fitted.

This cross-bar, fitting in the notches *c c*, prevents the longitudinal sliding and displacement of the rockers, and upright flanges *e*, on the ways C C, prevent any lateral displacement thereof.

Within the cream-receptacle A, there are placed a series, three or more, of perforated partitions, D, which serve to prevent the cream having a regular or uninterrupted motion from end to end of the receptacle, and thereby favor the agitation of the cream and the formation of butter.

The oval form of the cream-receptacle is important, for it admits of the ready return of the cream at each change of motion of the rockers without sudden jars or concussions, the latter serving greatly to retard a free rocking motion of the device without producing any beneficial results, for the agitation of the cream is required in making butter, not percussion, which is important only so far as it tends to promote agitation.

I do not claim a churn composed of a cream-receptacle placed on rockers, for they are old and well known, and have been arranged in various ways; but

I do claim as new and desire to secure by Letters Patent—

The arrangement of the oval cream-receptacle A, having partitions D D D, with the rockers B B, having notches *c c*, cross-bar *d*, and ways C C, all constructed to operate as described.

HENRY SAGGAN.

Witnesses:

A. R. HAIGHT,  
ANDREAS H. ESCHEN.