J. McANESPEY.

Churn.

No. 211,756. Patented Jan. 28, 1879.

Fig: 1.

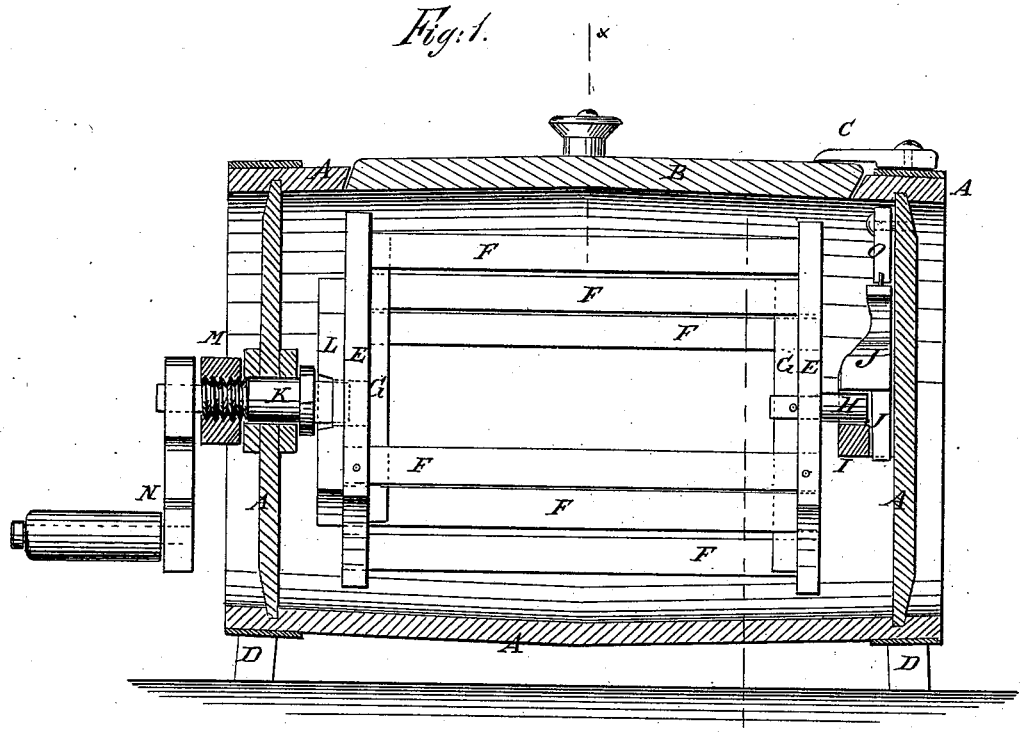
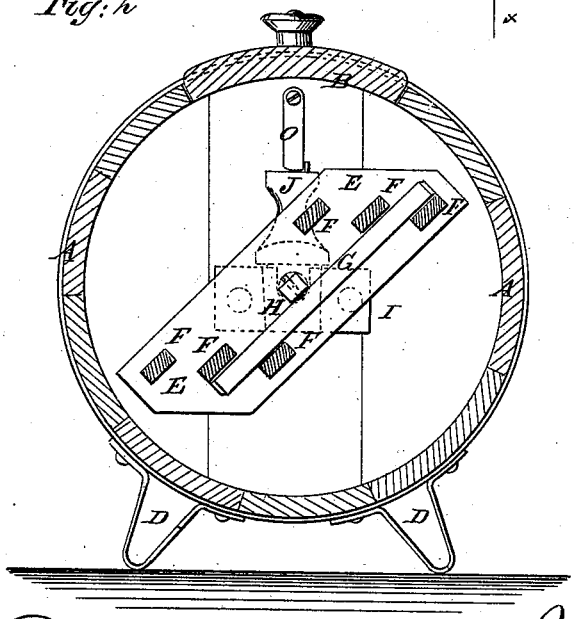


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN McANESPEY, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. **211,756**, dated January 28, 1879; application filed November 29, 1878.

To all whom it may concern:

Be it known that I, JOHN MCANESPEY, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Churns, of which the following is a specification:

Figure 1 is a vertical longitudinal section of my improved churn. Fig. 2 is a cross-section of the same, taken through the broken line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved churn which will be firmly supported in position, and which will bring the butter very quickly.

A represents the body of the churn, which is made in the form of a barrel or cylinder, and has a large opening in its upper side closed by a cover, B.

The ends of the cover B and the ends of the opening in which it is placed are beveled in opposite directions, and the said cover is secured in place by a button, C, pivoted to the top of the churn-body A.

To the lower side of the churn-body A, at each end, are permanently attached two supports, D, which rest upon the floor and support the said churn-body with its opening upward.

E are the end boards of the dasher, which are made in rectangular form with their alternate or rear angles beveled off.

To the end parts of the end-boards E along the bevel of the said ends, are attached the ends of six bars, F, three to each end, each succeeding bar being set a little farther inward than its preceding bar, as shown in Fig. 1.

The bars F are strengthened in position by the cross or tie bars G, which are placed between them at the inner sides of the end-boards E, as shown in Figs. 1 and 2.

To one of the end-boards E is attached a pivot, H, which works in a notch in a bearing, I, attached to the end of the churn-body, where it is secured in place by a key, J, inserted between its end and the end of the churn-body A, and which is made with a shoulder, which rests upon the upper side of the said pivot.

The key J is locked in place by a button, O, pivoted to the end of the churn-body A, in such a position as to be turned down against the upper end of the said key, as shown in Figs. 1 and 2. In the other end-board E is formed a square hole to receive the squared end of the pivot K.

To the side of the end-board E is attached a bar, L, having a square notch in one edge to serve as a guide in placing the end of the dasher upon the pivot K. The pivot K passes out through a stuffing-box in the end of the churn-body A, and has a nut, M, screwed upon it at the outer side of the said end. The outer end of the pivot K is squared off to receive the crank N, by means of which the dasher is rotated.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A rotary churn-dasher consisting of the end-boards E, having the alternate ends beveled, the six bars F, attached in sets of three to each of said beveled ends, and the cross-bars G, arranged between the bars F, as shown and described.

JOHN MCANESPEY.

Witnesses:

ROBERT ROBINSON,

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