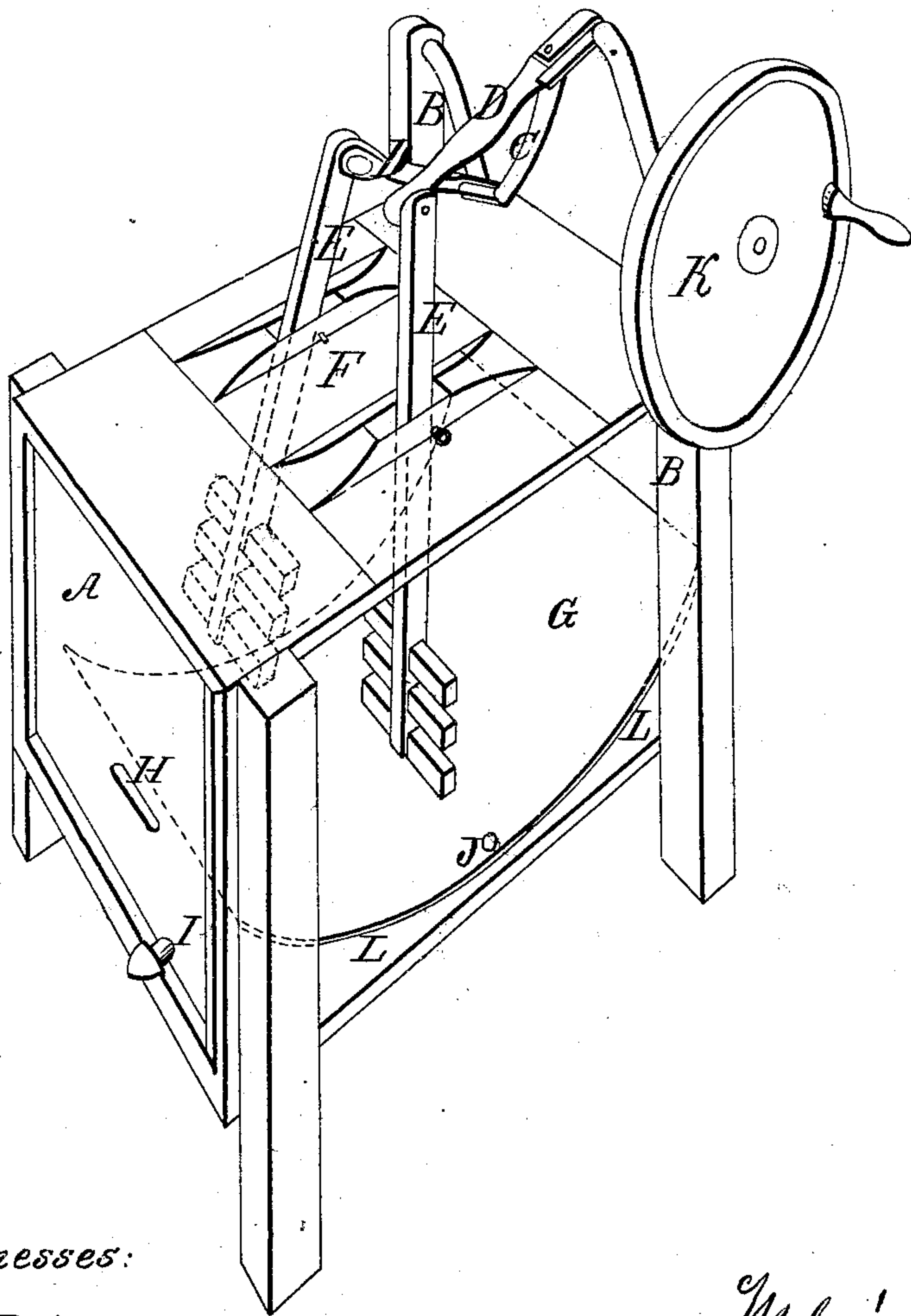


M. WOOD.

Churn.

No. 78,706.

Patented June 9, 1868.



Witnesses:

L. H. Hamman
Samuel Wells.

Inventor.

Milvie Wood
Per attorney
Thos S Sprague

United States Patent Office.

MELVIN WOOD, OF BABE'S CORNERS, MICHIGAN.

Letters Patent No. 78,706, dated June 9, 1868.

IMPROVEMENT IN CHURNS.

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

Know all men that I, MELVIN WOOD, of Babe's Corners, in the county of Macomb, and State of Michigan, have invented a new and useful Improvement in a Churn; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

This invention is designed to facilitate the process of butter-making, by rapidly separating the butter from the milk, by means of oscillating-dashers, which can be worked with great rapidity in a cream-chamber properly placed in a box to contain hot or cold water, as the case may require, to keep the temperature of the cream at the proper degree, which water operates upon the outside of the cream-chamber.

In order to accomplish this object, I construct a rectangular box, A. The rear corner-posts B B extend far enough above the box to form proper bearings for the double crank C, from which the connecting-rods D D give motion to the oscillating-dashers E E, which pass through and are pivoted to the cover F. Inside this box A is placed a false bottom, G, made tight with the box upon its four sides, and which forms the bottom of the cream-chamber.

Between the bottom of the cream-chamber (which should be concave or crescent-shaped) and the bottom and ends of the box are water-spaces. H is an opening, for the introduction of the water, and I is another opening, to draw off the water. J is an opening in the side of the box, above the bottom of the cream-chamber, through which to draw off the buttermilk. K is the water-space above referred to.

The drawing represents the churn partially in section.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the box A, posts B B, double crank C, the connecting-rods D D, the oscillating-dashers E E, the cover F, the false bottom G, the openings H I J, and the balance-wheel K, and water-spaces L L, when arranged and operating for the purposes herein set forth.

Witnesses:

H. P. HANNAMAN,
SAMUEL WELLS.

MELVIN WOOD.