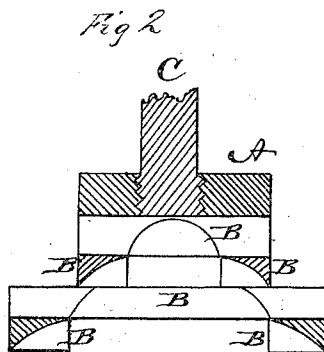
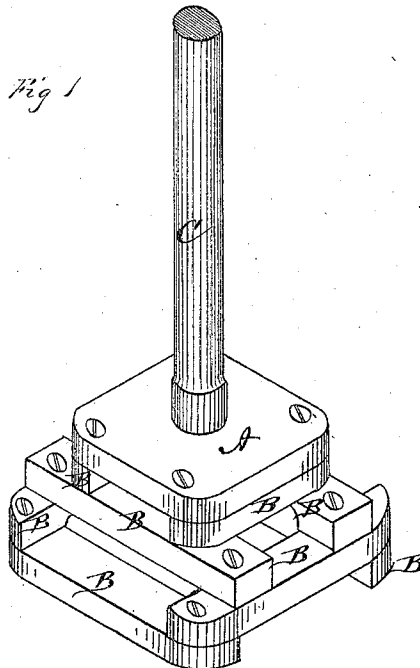


J. A. BROOKS.
Churn-Dashers.

No. 133,626.

Patented Dec. 3, 1872.



Witnesses:
Francis L. Durand
A. L. Evert

Inventor.
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per. *Harold Thesmer*
Attorneys.

UNITED STATES PATENT OFFICE.

JOSEPH A. BROOKS, OF MADISON COUNTY, TENNESSEE.

IMPROVEMENT IN CHURN-DASHERS.

Specification forming part of Letters Patent No. 133,626, dated December 3, 1872.

To all whom it may concern:

Be it known that I, JOSEPH A. BROOKS, of the county of Madison and State of Tennessee, have invented certain new and useful Improvements in Churn-Dashers; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon forming part of this specification.

In the annexed drawing, Figure 1 is a perspective view, and Fig. 2 a vertical section, of my churn-dasher.

The construction of this dasher is in appearance somewhat like one manner of building bird-traps. Two parallel bars are laid for a base, across the ends of which are placed two other parallel bars, and this process is continued. Each time any two bars are laid crosswise on the two just below the area of space inclosed is contracted, causing the pile to assume a pyramidal shape, not, however, allowing it to reach a sharp-pointed apex. The whole structure, when finished as described, is surmounted by a solid cap, A, which serves to receive one end of the handle C, and is further useful in assisting to compel the milk, by the pressure it exerts, through the orifices between the successive layers of cross-bars B B below, the advantages of which, in this respect, will be hereinafter explained.

The different parts of the dasher are firmly secured in their respective places by screws or otherwise. The inner under surfaces of the cross-bars B B which form the dasher are beveled, thereby enabling them to cut more readily through the liquid during the descent.

Upon the application of manual or leverage power to the handle the dasher is forced energetically into the liquid, which, coming in contact with the net-work of cross-pieces B and the cap A, is forced to gush violently through the intervening apertures, and the entire quantity of milk thereby so thoroughly and effectively agitated that by continued churning, it is claimed, butter can be produced in a very few minutes.

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

The within-described churn-dasher, consisting of the beveled cross-bars B B, arranged in the manner shown, and the whole structure surmounted by the cap A, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of May, 1872.

JOSEPH A. BROOKS.

Witnesses:

JNO. J. BROOKS,
L. T. LINDSEY.