

S. G. Shanks,

Churn.

No. 105,262.

Patented July 12, 1870.

Fig. 1.

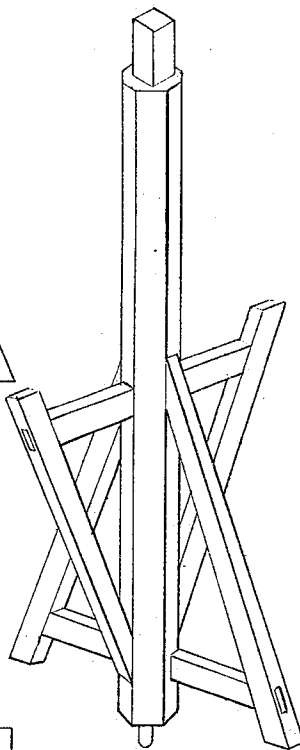
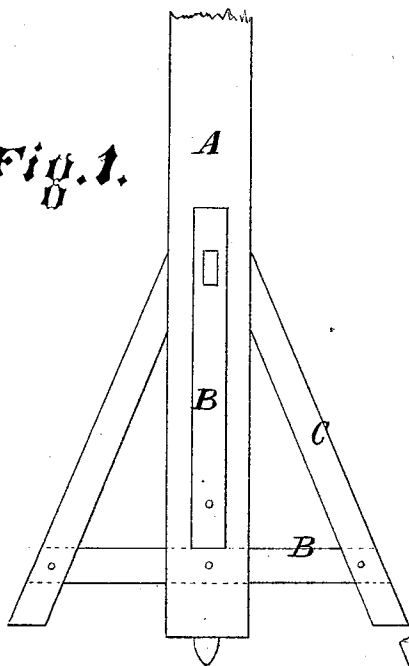
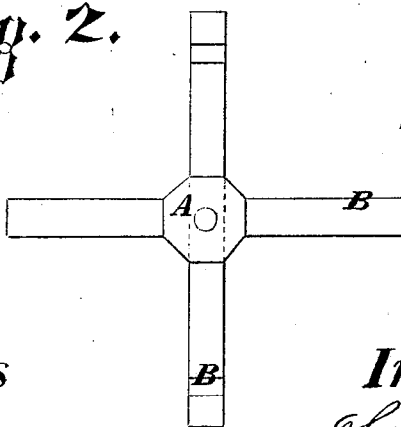


Fig. 2.



Witnesses

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SCHUYLER G. SHANKS, OF RICHMOND, KENTUCKY.

Letters Patent No. 105,262, dated July 12, 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, SCHUYLER G. SHANKS, of Richmond, in the county of Madison and State of Kentucky, have invented a new and valuable Improvement in Churn; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a side view of my invention.

Figure 2 is a bottom view of the same.

My invention relates to churns, and consists in the construction and novel arrangement of a rotating churn-dasher, designed to impart contrary currents to the cream, thereby quickly breaking the walls of the butter-cells.

The letter A of the drawing designates the shaft of my dasher, placed usually in a vertical position, and pivoted in a suitable socket in the bottom of the churn.

B B designate triangular frames, attached to the vertical shaft A by passing the horizontal bars thereof through the shaft and fastening the inclined side-bars

or beaters C C to the ends of the horizontal bars and to the sides of the shaft A, in the manner shown.

The frames B B are placed at right angles to each other, and so arranged that while the base of one triangular frame sweeps around near the bottom of the churn, the base of the other is placed in the reverse position, and moves near the top thereof. By this arrangement different currents are given to the cream, one of the frames, B, having a tendency to draw the particles up from the bottom and toward the center, while a downward and outward movement is effected by the other.

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

The churn-dasher herein described, consisting of central shaft A and triangular frames or beaters B B, having alternately their bases reversely placed with respect to each other, and their apices attached to the shaft A, as specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

Witnesses: SCHUYLER G. SHANKS.
ED. W. TURNER,
HENRY C. SHIVELL.