S. BESSER.

Churn.

No. 79,542. Patented July 7, 1868.

Fig. 1.

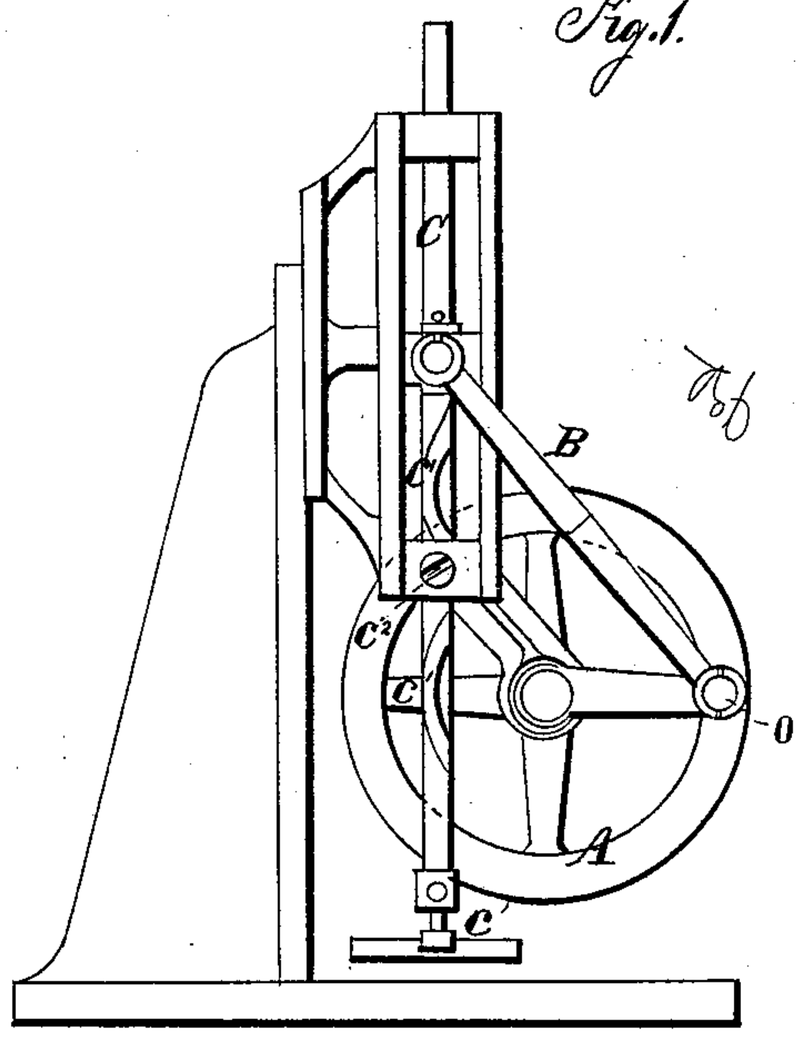
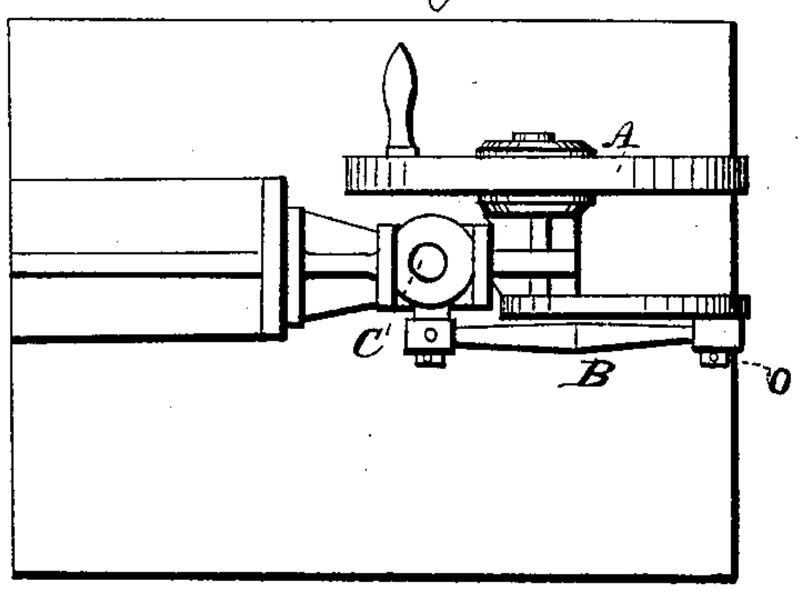


Fig. 2



Witnesses

Geo L Hartfield Jr

Geo W Hecht

Inventor

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S. BESSER, OF DORCHESTER, ILLINOIS, ASSIGNOR TO HIMSELF AND JAMES DRAPER, OF ST. LOUIS, MISSOURI.

Letters Patent No. 79,542, *dated July* 7, 1868.

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, S. BESSER, of Dorchester, in the county of Macoupin, and State of Illinois, have made certain new and useful Improvements in Churns; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention relates to an improved churn, the dasher of which has a combined rotating and reciprocating motion, thereby thoroughly and effectually breaking up the milk-globules, and reducing the buttery particles.

To enable those skilled in the art to make and use my improved churn, I will proceed to describe its construction and operation.

Figure 1 of the drawings is a side elevation of the improved churning-device.

Figure 2 is a plan of the same.

The driving-wheel A has a wrist, *a*, which operates the pitman or connecting-rod B, and this communicates a vertical reciprocating motion to the dasher-rod C, on the bottom of which is the dasher-head *c*. The spiral groove c^1 in the side of the dasher-rod is guided by the pin c^2, as the dasher is moved up and down, and by this means a rotating motion is communicated to the dasher-rod and dasher.

By this combined rotary and reciprocating motion of the dasher, the buttery globules of the milk are thoroughly broken up and the butter disengaged.

Having described my invention, what I claim is—

The dasher-rod C, when provided with a spiral groove, c^1, and combined with the wheel A and connecting-rod B, and engaged by the pin c^2, so as to produce a combined motion, as set forth.

In testimony of which invention I hereunto set my hand, in presence of—

S. BESSER.

Witnesses:

M. RANDOLPH,

GEO. P. HERTHEL, Jr.