

C. D. MERRY.
Churns.

No. 149,668.

Patented April 14, 1874.

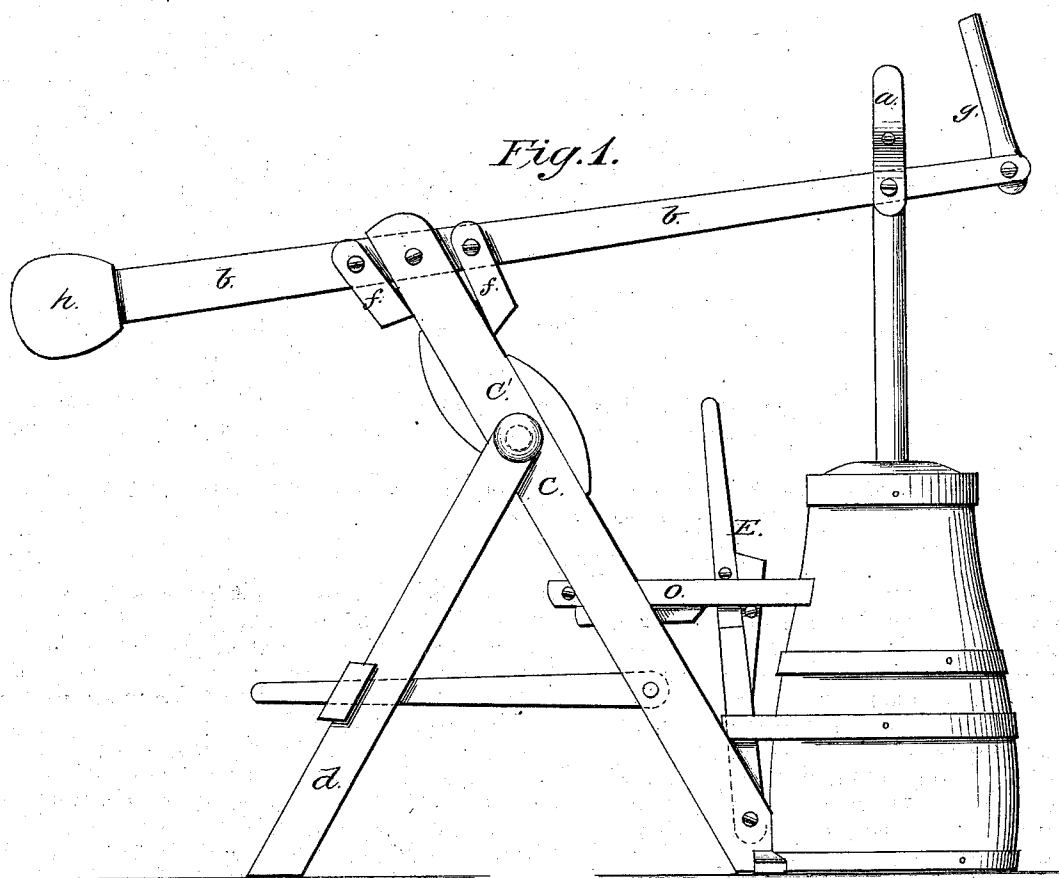


Fig. 2.

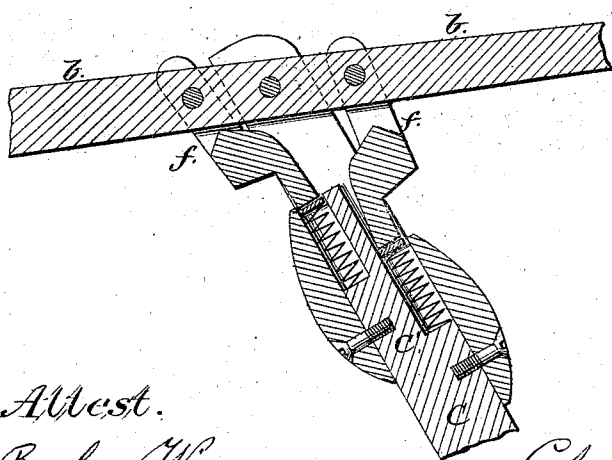
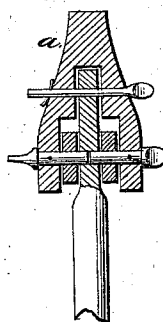


Fig. 3.



Attest.

Reuben Wingar
Ralph Butler

Inventor.

Charles D. Merry

UNITED STATES PATENT OFFICE.

CHARLES D. MERRY, OF AMSTERDAM, NEW YORK.

IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. **149,668**, dated April 14, 1874; application filed January 21, 1874.

To all whom it may concern:

Be it known that I, CHARLES D. MERRY, of Amsterdam, Montgomery county, New York, have invented or produced a new and original Mode for Constructing Churn-Powers; and I do hereby declare that the following is a full and exact description of the same.

I provide a wooden or metal frame, as herein-after described. The main standard, as represented by C' C, is inclined, and supported by two legs, so as to form a frame-support, *d d*. From a mortise in the top of this inclined standard C' C there rests a weighted lever, *b b*, fulcrumed upon springs, and moving on a pin passing through it and the top of the main standard C' C. The springs used are made of metal wire or elastic material of sufficient consistency to form a durable spring, and are held in laterally-made mortises in the main standard C' C. At the end of the weighted lever where the power is attached, and just over the point where this lever connects with the churn-dasher, I provide a clevis-shaped dasher-

guide, *a*, adjustable by a bolt to the weighted lever *b*, which guide is a regulator to the motion and direction of the churn-dasher when in operation. The churn is held to its fixed position by a pin and key, *E*, close against the foot of the standard C' C.

The advantages claimed for my invention, as shown by actual experiment, are, first, it saves one-third the labor usually employed in the use of churn-powers now in use; second, will produce butter quicker by half the time than hand-power churns; third, its simplicity of construction and ease of operating.

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

The arrangement of a churn-power and a weighted lever, *b*, fulcrumed upon an inclined and adjustable support, C' C, sustaining the reacting springs *f f*, as shown and described.

CHARLES D. MERRY.

Witnesses:

JAMES W. CASE,
JOHN H. HUGH.