

A. W. FUQUA.
Churns.

No. 141,709.

Patented August 12, 1873.

Fig. 1.

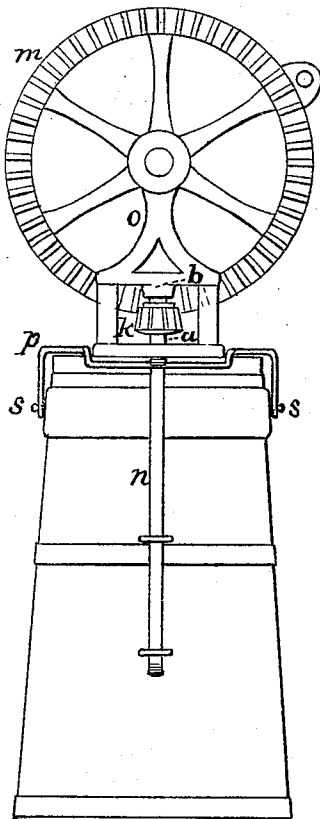
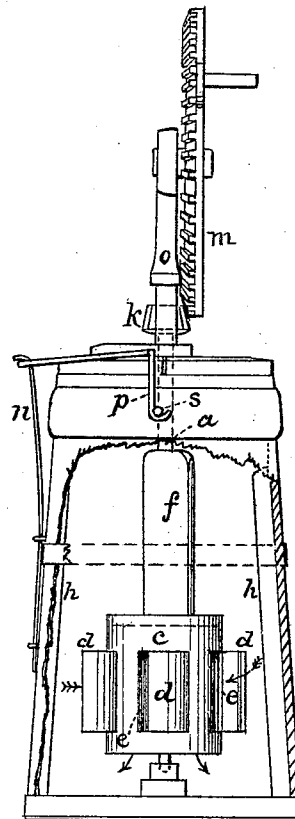


Fig. 2.



Witnesses:

H. A. Daniels
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UNITED STATES PATENT OFFICE.

ANDREW W. FUQUA, OF SANDFORD, INDIANA.

IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. **141,709**, dated August 12, 1873; application filed May 24, 1873.

To all whom it may concern:

Be it known that I, ANDREW W. FUQUA, of Sandford, county of Vigo and State of Indiana, have invented certain Improvements in Churns.

The following description, taken in connection with the accompanying plate of drawings hereinafter referred to, forms a full and exact specification, wherein are set forth the nature and principles of the invention, by which the same may be distinguished from others of a similar class, together with such parts thereof as are claimed as new and are desired to be secured by Letters Patent of the United States.

My invention relates to that class of churns in which a revolving dash is made use of; and the nature thereof consists in certain improvements in the details of the construction of the same, hereinafter shown and described.

In the accompanying drawing, which illustrates my invention and forms a part of the specification thereof, Figure 1 represents a front view. Fig. 2 is a side view, a portion being removed.

The dash revolves upon the upright rod or journal *a*, the lower end of which is stepped in a bearing secured to the bottom of the churn, and the upper end is supported in the journal-box *b*. Upon the lower part of the dash is secured the hollow cylinder *c*, the upper end being closed and the lower end being open, provided with the curvilinear flanges or beaters

d and openings *e*, which are so arranged that when the dash is revolved the cream will be forced within the cylinder and under the bottom thereof, as indicated by the arrows. *f* designates the flat part of the dash, the principal office of which is to collect the particles of butter when the action of the dash is reversed.

The dash is operated by the crown-wheel *k*, which engages with the bevel-gear *m* attached to the top of the rod *a*. Upright strips *h* may be secured to the sides of the churn, to cause a more thorough agitation of the cream.

The cover of the churn consists of two parts, to one of which is attached the standard *o* and the crank-shaped rod *p*, which catches under the projections *s*, and is held in position by the spring *n*. The said rod *p* clamps the cover firmly in position when the operation of churning is going on.

Having described my invention, I claim—

A churn-dash consisting of the rod *a*, hollow cylinder *c* provided with beaters *d*, and openings *e*, operating together as described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 18th day of April, 1873.

ANDREW W. FUQUA. [L. S.]

Witnesses:

JOHN B. JOHNSON,
JAMES M. DUCK.