

J. B. Schuette,

Churn.

No. 101,666.

Patented Apr. 5, 1870.

Fig. 1

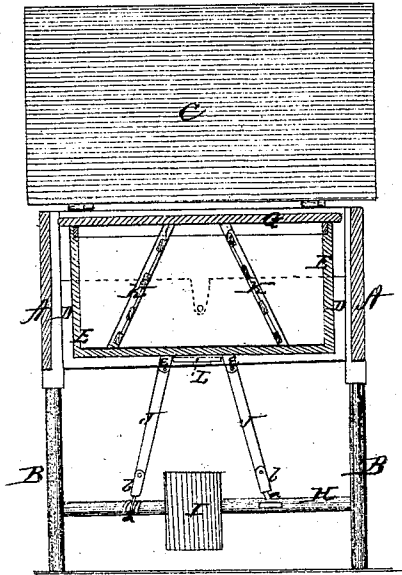


Fig. 2

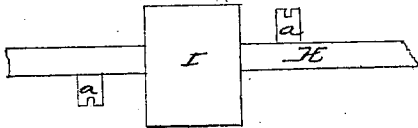
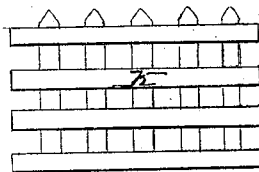


Fig. 3



witnesses
E. Maurice Cropley
C. L. Curtis

Inventor,
John B. Schuette
per Alexander Mason

Atty.

United States Patent Office.

JOHN B. SCHUETTE, OF LOCKINGTON, OHIO.

Letters Patent No. 101,666, dated April 5, 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, JOHN B. SCHUETTE, of Lockington, in the county of Shelby and in the State of Ohio, have invented certain new and useful Improvements in Churns; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction of a rocking churn that is operated by a treadle, and is provided with a hinged cover, so that it can be used as a stand whenever desired.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a longitudinal vertical section of my stand and churn;

Figure 2 is a plan view of the treadle and treadle-shaft, and

Figure 3 is a side view of one of the churn-dashers.

A represents a stand of any suitable dimensions, resting upon legs B B.

The stand itself has no bottom, but is provided with a hinged lid, C, so that, when the lid is let down, the stand can be used as a table for sewing, or any other purpose.

Along the inner sides of the front and rear of the stand A are cleats or bars, D, having a notch or recess in the center of their upper edges, in which notches the pivots of the churn E are placed.

The churn E is of the kind known as "box-churns," and provided on the front and rear sides with pivots or journals, on which it hangs.

It is also provided with a tight-fitting lid, G, having an air-hole in the center.

In cross-bars between the legs B B of the stand is pivoted a treadle-shaft, H, having the foot-piece or

treadle I, and on each side thereof is a small ear, *a*, extending in opposite directions, as shown in fig. 2.

The ears *a a* are, by double joints *b b* and pitmen J J, connected with ears *e e* at or near each end of the churn.

The treadle being worked with the foot, like a sewing-machine, the churn obtains an easy rocking motion.

The box or churn E is provided with a pair of dashers, K K, constructed as shown in fig. 3, of small bars placed at right angles, leaving suitable apertures for the milk or cream to pass through.

These dashers are placed in an inclined position, as shown in fig. 1, the sides of the churn being grooved for their insertion.

As the churn is put in motion the cream rushes forward and back through the dashers and strikes against the ends of the box.

There is a wooden spring, L, fastened in the stand under the center of the churn, so that the churn while in motion strikes said spring, which causes the churn to react, and the butter to form much sooner.

It gathers itself by forming a roll in each end by the same motion.

Having thus fully described my invention,

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

The combination and arrangement of the stand A, with hinged lid C, churn E, with dashers K K, spring L, pitmen J J, treadle-shaft H, and treadle I, all constructed as described, and operating substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 24th day of January, 1870.

JOHN B. SHUETTE.

Witnesses:

J. C. ALTHOFF,
NATHAN WILSON.