

(No Model.)

T. W. HOGSETT.
Churn Power.

No. 239.166.

Patented March 22, 1881.

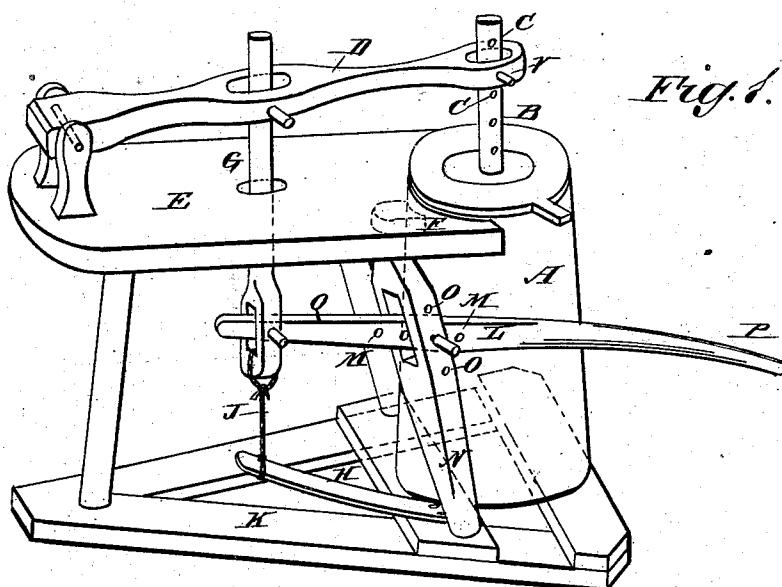


Fig. 1.

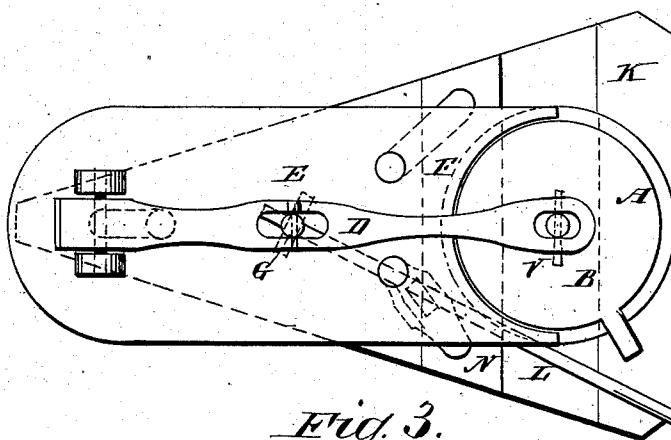


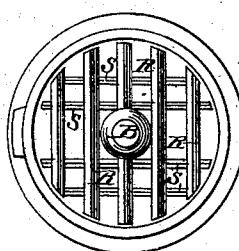
Fig. 2.



Fig. 3.

WITNESSES:

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A

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UNITED STATES PATENT OFFICE.

THOMAS W. HOGSETT, OF EDRAY, WEST VIRGINIA.

CHURN-POWER.

SPECIFICATION forming part of Letters Patent No. 239,166, dated March 22, 1881.

Application filed October 26, 1880. (No model.)

To all whom it may concern:

Be it known that I, THOMAS WELLINGTON HOGSETT, of Edray, Pocahontas county, West Virginia, have invented a new and Improved Churn, of which the following is a specification.

The object of my invention is to provide a new and improved churn which is simple in construction, can be easily operated, and the working parts of which can be adjusted to be convenient for the operator either while sitting or standing, and which working parts can be placed aside altogether when the churn is to be cleaned.

15 The invention consists in a churn having its dasher-staff adjustably pivoted to the outer end of a lever, pivoted at its inner end to a table or bench, which lever is adjusted by means of a rod pivoted thereto in the middle, 20 to the lower end of which rod a lever pivoted adjustably in one of the legs of the bench or table is attached, and which rod is also drawn downward by a spring connected therewith. By operating the lever pivoted in the 25 leg of the chair or bench the dasher is moved up and down.

In the accompanying drawings, Figure 1 is a perspective view of my improved churn. Fig. 2 is a plan view of the same; and Fig. 3 30 is a plan view of the churn with the cover removed, showing the dasher.

Similar letters of reference indicate corresponding parts.

The dasher-staff B of the churn A is provided with a series of perforations, C C, near its upper end, and is pivoted to the end of a lever, D, by means of a pin, V, passing through one of the perforations C of the staff B and through a corresponding perforation in the end 40 of the lever D. This lever is pivoted at its opposite end to a bench or table, E, against the opposite recessed end, F, of which the churn A rests, as shown. A rod, G, is pivoted to the lever D at or near the center of the same, and the lower end of this rod is attached to a spring, H, by a rope or cord, J, or other device, which spring H has a tendency to draw the lever D downward. This spring is fastened to the base-frame K of the bench or table E. 45 A lever, L, provided with a series of perfora-

tions, M M, at or near the middle, is pivoted to the leg N of the table E, which leg N has a series of perforations, O O, thus making the fulcrum of the lever L adjustable both longitudinally and in height. The outer end, P, of 55 the lever L forms a handle, and the inner end, Q, is pivoted to the lower end of the rod G.

The dasher is composed of a series of parallel bars, R R, beveled at the top and bottom, and held together by a series of like bars, S 60 S, passing through them, as shown.

The operation is as follows: The operator first adjusts the dasher-staff B in the end of the lever D, either higher or lower, according to the greater or less quantity of milk in the 65 churn. He then adjusts the lever L in the leg N according as he desires a greater or less stroke, and also adjusts it in height according to his position, for he may either sit or stand during the operation. By depressing 70 the outer end, P, of the lever L the churn-dasher is raised, and as soon as the lever L is released the spring H forces the dasher downward again. The operation is thus a very simple one, and the several adjustments permit of setting the apparatus so as to be convenient for any person. 75

To remove the butter the pins pivoting the lever D to the dasher-staff B and the rod G are removed, and the lever D is swung back 80 on its pivot, so as to allow the lid of the churn to be removed.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a churn, the combination, with the dasher-staff B, of the lever D, the rod G, pivoted thereto, the lever L, and the spring H, substantially as herein shown and described, and for the purpose set forth. 85

2. In a churn, the combination, with the adjustable dasher-staff B, of the lever D, the rod G, pivoted thereto, the longitudinally and vertically adjustable lever L, the spring H, and the table E, substantially as herein shown 90 and described, and for the purpose set forth. 95

THOMAS WELLINGTON HOGSETT.

Witnesses:

J. K. MOORE,
JASPER N. HIGHT.