

M. B. MILLS.

Churn.

No. 68,100.

Patented Aug. 27, 1867.

Fig. 1

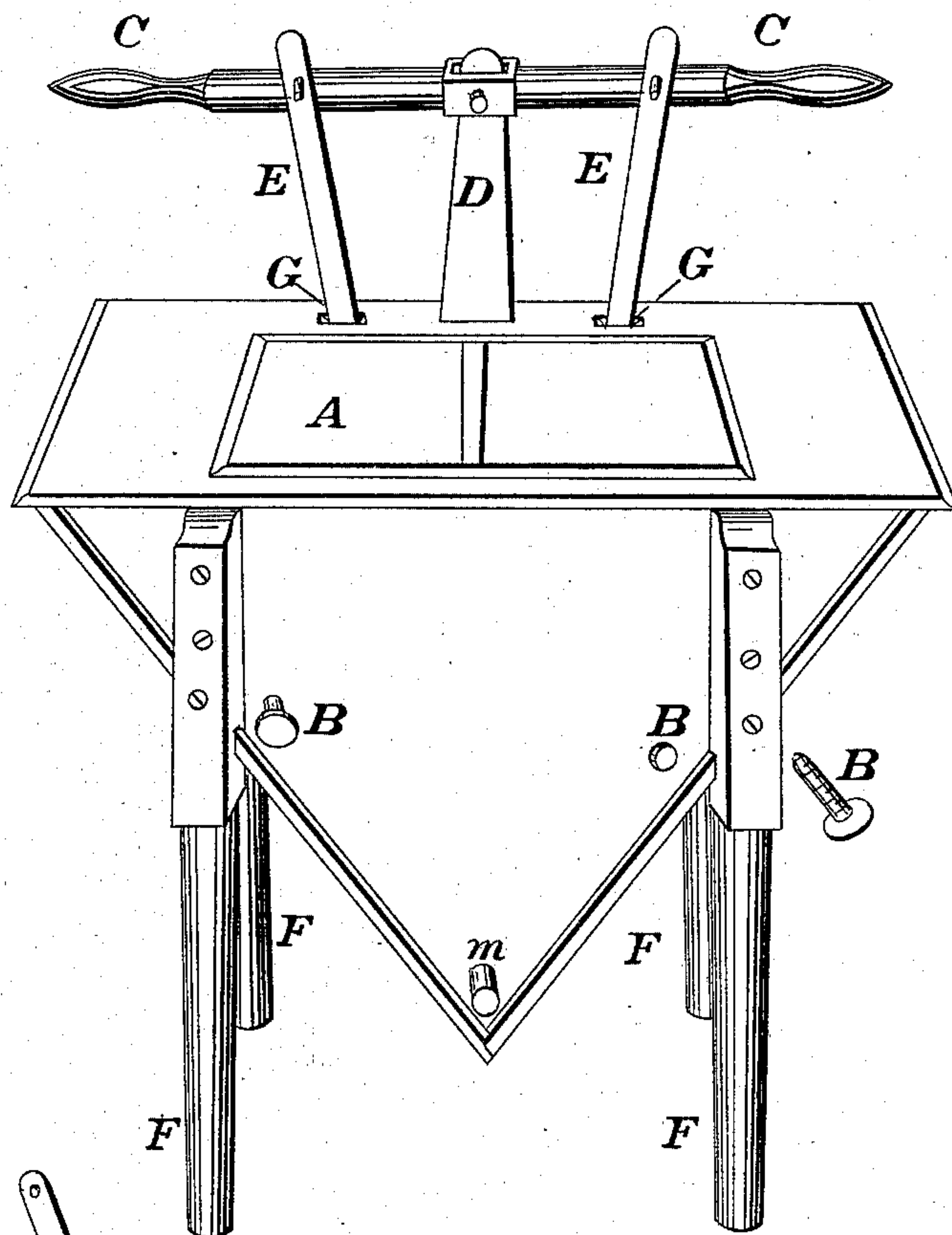
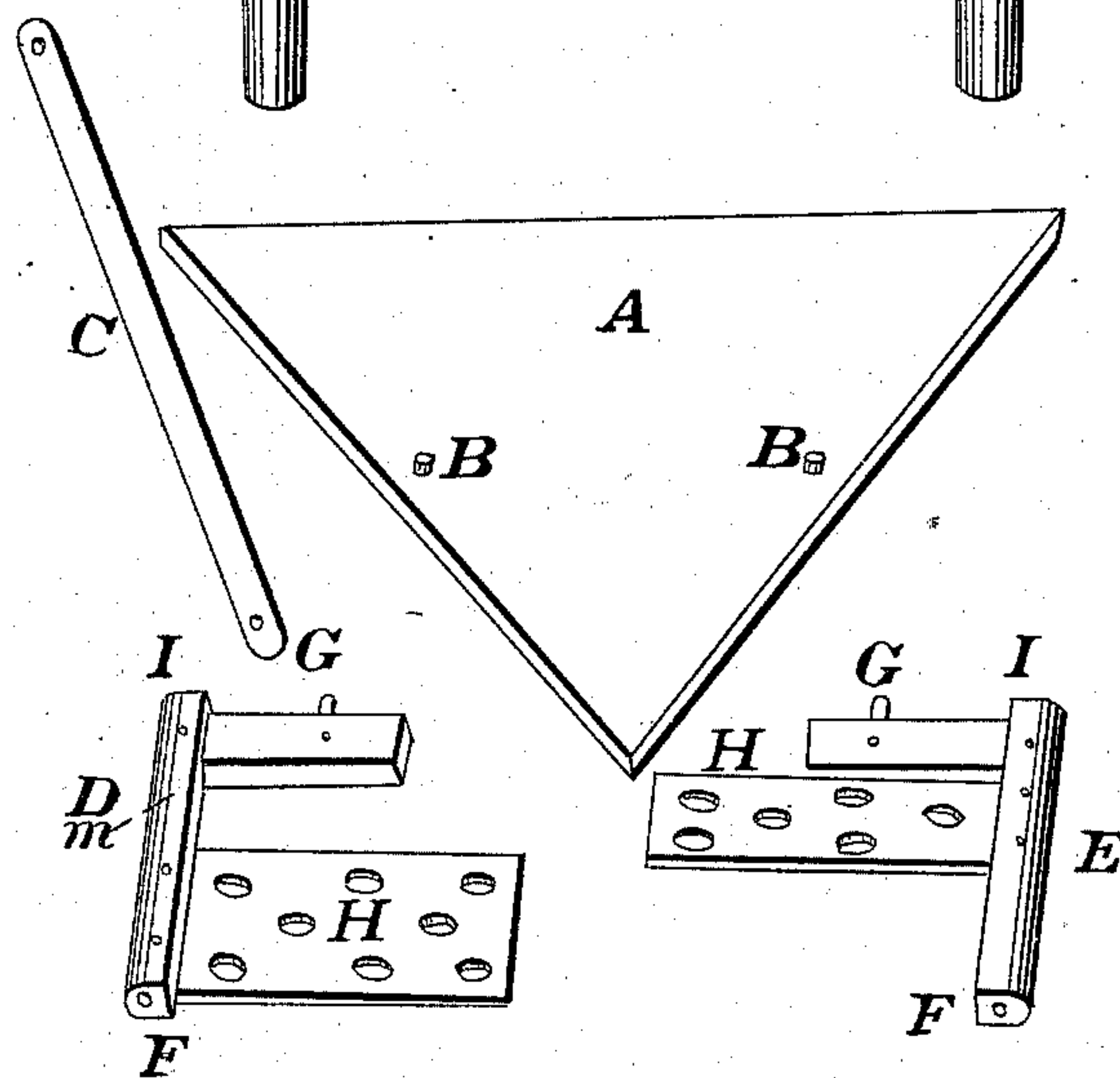


Fig. 2



Witnesses.

Abram. Eckler  
Henry M. Eckler

Inventor:

Mortimer B. Mills.

# United States Patent Office.

MORTIMER B. MILLS, OF EAST MENDON, NEW YORK.

*Letters Patent No. 68,100, dated August 27, 1867.*

## 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, MORTIMER BIRDSILL MILLS, of the village of East Mendon, in the county of Monroe, and State of New York, have invented a new and useful churn called the "Triangle Churn;" and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view, and

Figure 2 transverse sections.

The body of the above-named churn is of a triangle shape, to the sides of which are attached the legs F F F F, fig. 1; the top of the angle oblong with three mortises or holes, the larger one of which is for the admission of the cream and removal of the butter, and the two, G G, for the rods E E to play in. The rods E E are attached at one end to the double-acting lever C C, and are made to work on small pins or wrists running through the said lever and into the holes in the top ends of the rods. In the centre of the levers C C is a mortise which admits the head or top of the post D on which it works. The lower ends of the rods E E are attached to small wooden wrists G G in the dashers D and E, fig. 2. The dashers D and E have at each end small holes F F and I I, of which the two, I I, are attached to wooden pins or wrists B B, driven in the side A, fig. 2, and the other two, F F, on wooden journals B B, fig. 1, the pins of which admit of the removal of the dashers from the churn. The dashers are made of hard-wood shafts M M, fig. 2, into each of which are mortised thin strips H H, which are perforated with holes, and also short thick pieces of hickory, into which the wrists G G are fastened. M, fig. 1, is a plug, the removal of which will allow the escape of the buttermilk.

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

The dashers D E, fig. 2, when made so as to be actuated by the levers C C, fig. 1, and connections E E, when arranged within the box A, as and for the purpose set forth.

MORTIMER BIRDSILL MILLS.

Witnesses:

ABRAM ECKLER,

HENRY M. ECKLER.