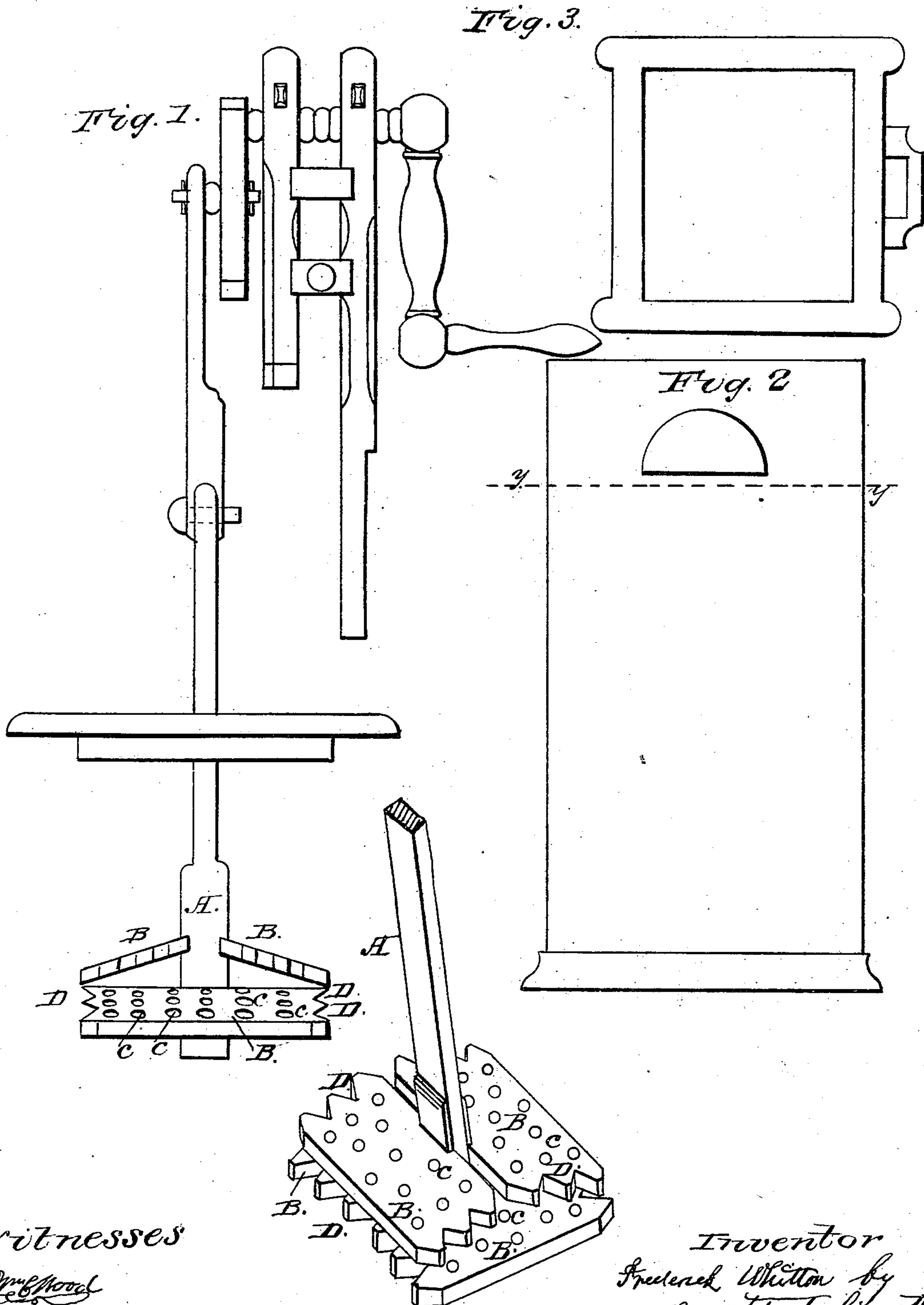


F. WHITTON.

Churn.

No. 84,668.

Patented Dec. 1, 1868.



witnesses

*Wm. Wood*  
*J. A. Jackson*

Inventor  
*Fredrick Whitton* by  
*Alvin Stunt* his atty

# UNITED STATES PATENT OFFICE.

FREDERICK WHITTON, OF SOUTH CARROLLTON, KENTUCKY.

## IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. 84,668, dated December 1, 1868.

*To all whom it may concern:*

Be it known that I, FREDERICK WHITTON, of the town of South Carrollton, in county of Muhlenburg, in State of Kentucky, have invented a new and useful Improvement in Churn-Dashers; and I 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 part of this specification, in which—

Figure 1 is an elevation showing the gal-lows-frame, crank, handle, piston, pitman-top, and dasher of a churn. Fig. 2 is an elevation of an ordinary box to contain milk. Fig. 3 is horizontal section thereof. Fig. 4 is a perspective view of the dasher with the piston set in.

In the drawings, Figs. 1, 2, and 3 show a complete churn, which is to be used with a dasher of a vertical or up-and-down stroke; but as my invention relates merely to an improvement in the dasher, my description will be confined mainly to that.

In Fig. 4, A is the piston. B B B B are the four perforated pieces fastened into it. C C C C are the holes perforated in these pieces, and *d d d* are scallops or notches made in the ends of each piece.

I construct the piston and the four perforated pieces composing my improved dasher of wood; and the object of my invention is to secure a dasher which is cheap and simple in its construction, so that almost any one with a few tools can make it; at the same time a dasher which, by its peculiar construction, will effect that thorough agitation of the milk and the division and exposure to the air of its particles which are necessary to the production of butter by churning, easily, abundantly, and quickly.

The lower end of the piston should be made large enough to admit of the four pieces B B B B being let into it sufficiently to hold them without destroying its strength, and the four pieces should be just so long and so wide that when fixed upon the piston the whole dasher may move up and down the body of the churn freely.

The perforations and notches may be in the usual proportions to the dimensions of the pieces themselves, which should be of sufficient thickness to give them proper strength, neither of these features being new.

The pieces are set upon the piston thus: Two pieces are let into the piston on opposite sides of it, and parallel to each other, their inner edges on the same level, and instead of forming a right angle with the piston, they should each have a side inclination downward, so as to vary from a right angle by about fifteen degrees. They should be placed just so high upon the piston as to avoid contact with the body of the churn when the lower end of the piston touches it. Then the other two pieces, arranged in a similar manner, should be fixed upon the piston, but at right angles to the first two, and so far above them as to leave room for the milk to pass freely between them, so that both pairs of pieces are fixed upon the piston at the same angle thereto.

### *Claim.*

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

The churn-dasher composed of the piston A and the four pieces B B B B, arranged together and constructed as and for the purpose set forth and described.

Witnesses: F. WHITTON.  
STANLEY SINGLETON,  
W. F. FINCH.