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S.E. BAUDER.
**CHURN
DASH.**

PATENTED OCT 11 1870

Fig. 1.

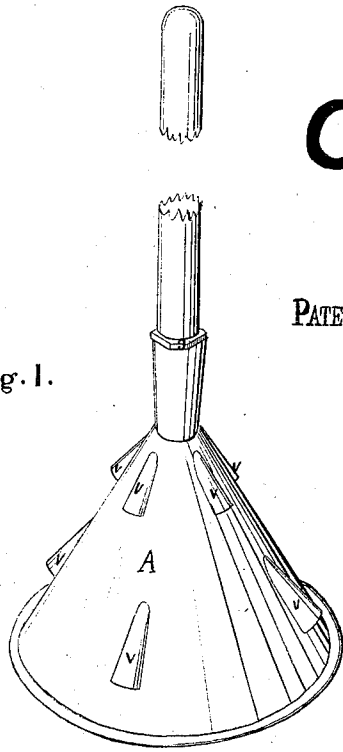
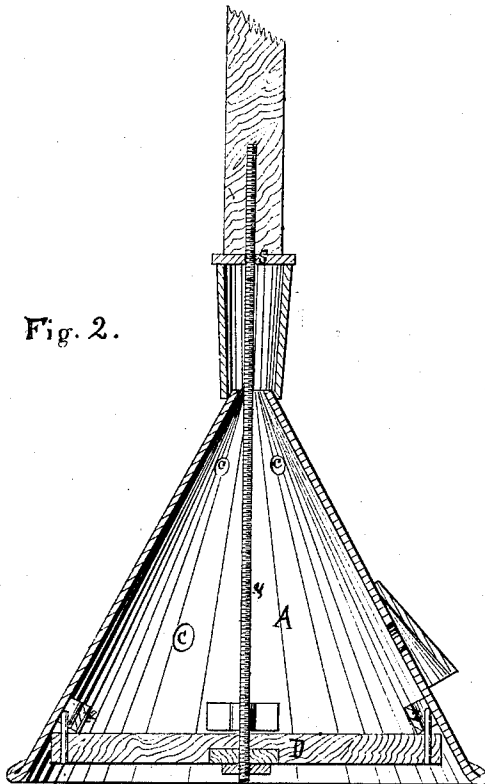


Fig. 2.



Witnesses:
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United States Patent Office.

SILAS E. BAUDER, OF BIRMINGHAM, OHIO.

Letters Patent No. 108,232, dated October 11, 1870.

IMPROVEMENT IN CHURN-DASHERS.

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, SILAS E. BAUDER, of Birmingham, in the county of Erie and State of Ohio, have invented a new and valuable Improvement in Churn-Dashers; 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 drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a side view of my invention in perspective.

Figure 2 is a longitudinal section of the same.

My invention relates to churns, and consists in the construction and novel arrangement of fixed hoods over the apertures of a conical churn-dasher, intended for use in an upright or dasher-churn.

A of the drawing represents a cone or hill-shaped cylinder, with a series of openings, marked *c*, over each of which openings is affixed a hood, marked *r*, open at its lower end.

The letter *y* represents a rod, having a screw-thread cut on its surface throughout its entire length.

At the bottom of this rod is attached the removable inner dasher D, which consists of two bars or

arms, united at their centers, and crossing each other at right angles.

The ends of these arms respectively rest against guards, marked *z*, in the manner shown on fig. 2.

Above the outer dasher A, and resting upon its elongated upper end, is the nut *s*, which is screwed upon the rod *y*, and serves as a cover for said elongated end.

The staff of the dasher is attached to this nut by suitable pins or screws.

I am aware that a perforated conical dasher is not new. Hence I do not claim such; but

I claim as my invention—

The hollow perforated conical churn-dasher, herein described and shown, having the downwardly-inclined attached hoods *r r*, covering each perforation, substantially as and for the purpose specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

SILAS E. BAUDER.

Witnesses:

HOMER L. ENNES,
ADAM CROUSE.