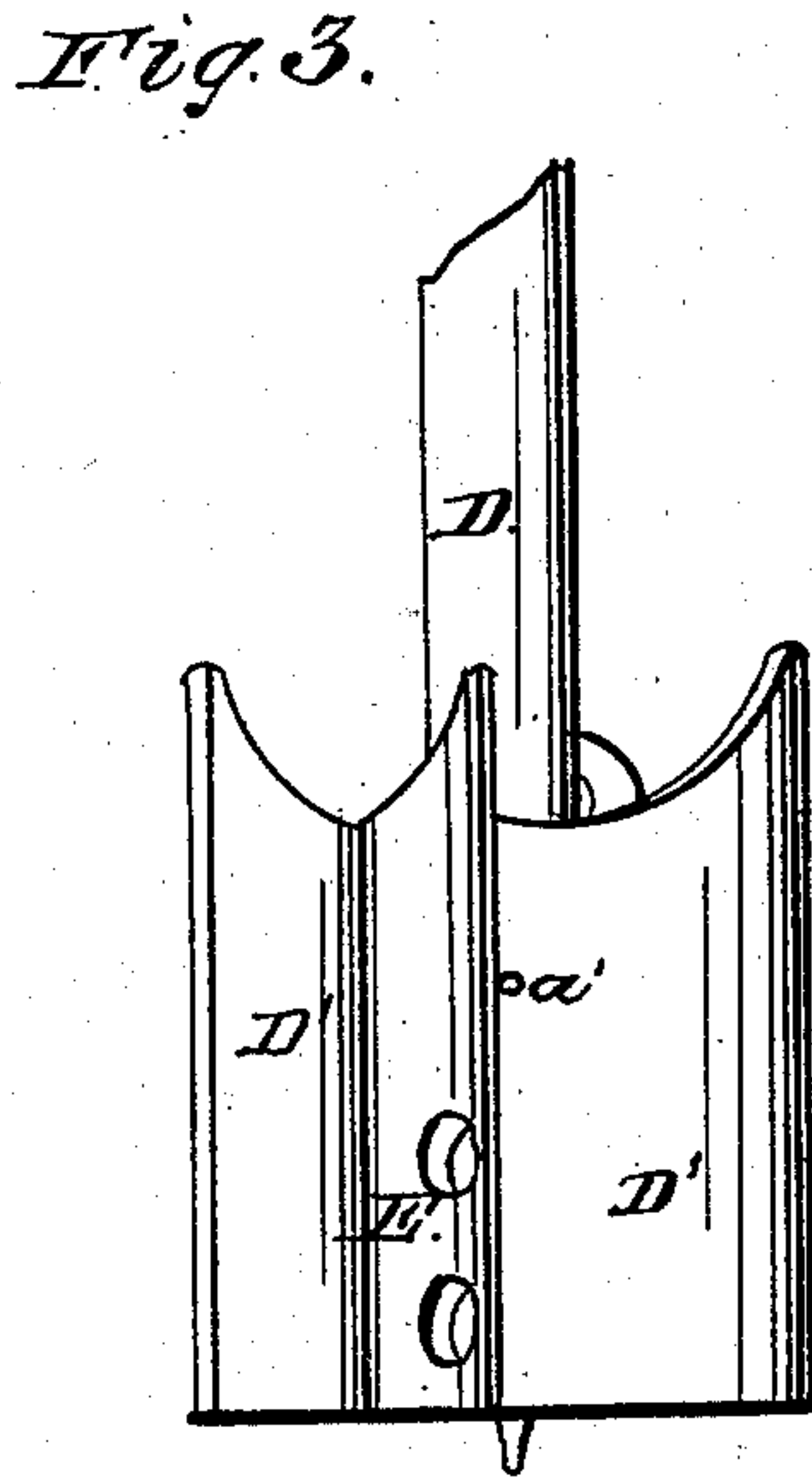
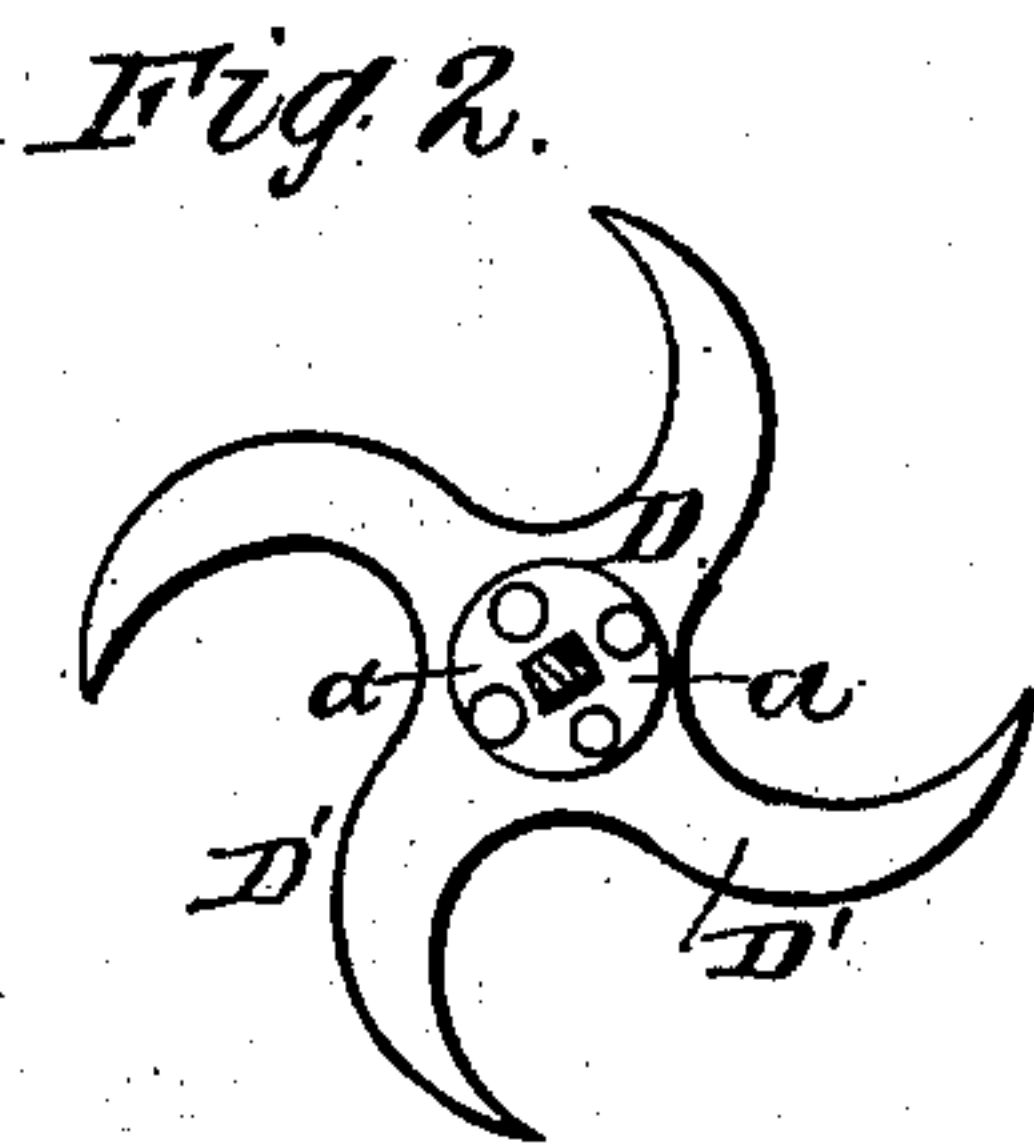
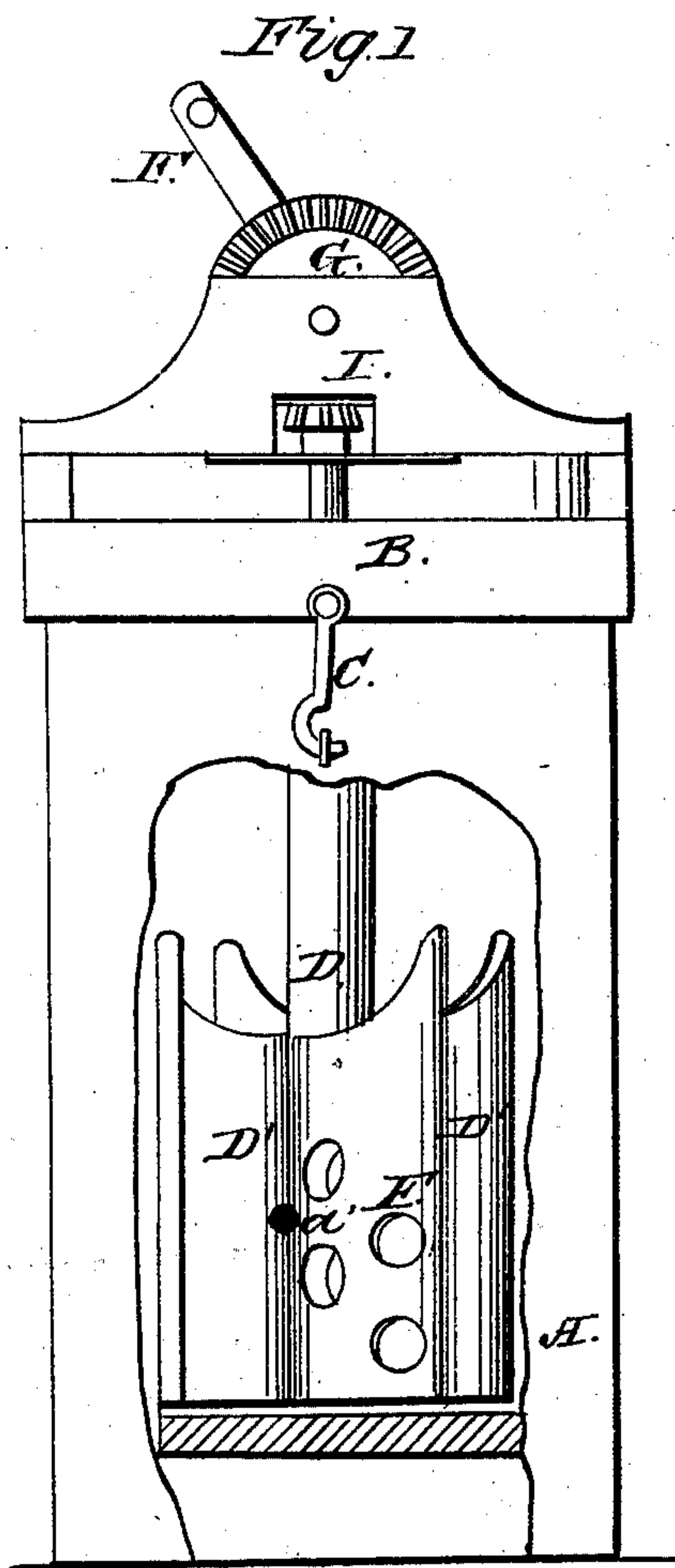


J. H. FLEMING.

Churn.

No. 78,199.

Patented May 26, 1868.



Witnesses;  
*J. H. Burridge*  
*E. E. Wake*

Inventor;  
*J. H. Fleming*

# United States Patent Office.

J. H. FLEMING, OF GROTON, OHIO.

*Letters Patent No. 78,199, dated May 26, 1868.*

## 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, J. H. FLEMING, of Groton, in the county of Erie, and State of Ohio, have invented certain new and useful Improvements in Churns; and I do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a front view.

Figure 2 is a top view of the dasher.

Figure 3 is a side view of the same.

Like letters of reference refer to like parts in the views.

In the drawing, A represents the case, which can be constructed in the ordinary way of upright churns, a portion being broken away in fig. 1 to show the dasher.

The top, B, of this case is made adjustable, being hinged to the body of the churn, and is very easily thrown back, by relieving the hook C, thus giving a free and easy access to the inside of the churn, also relieving the shaft of the dasher, and allowing it to be removed from the churn. Fig. 2 is a top view of the dasher, which consists of the shaft D, and arms or wings D', which are of the form represented, and extend from the bottom of the shaft up, as shown in fig. 3, which is a side view of fig. 2.

In the top of this shaft are seen the holes *a*, fig. 2, which holes extend down and open between the arms, as shown at *a'*, figs. 1 and 3, thus allowing fresh air to pass in from the top, down the dasher to the cream.

In these arms may be cut the holes E, thus giving greater agitation to the cream.

This churn is operated by the crank, F, on the shaft of which is the wheel G, which gears into the pinion I on the shaft of the dasher, thus operating said dasher, and churning the cream easily, and in a short time.

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

The dasher D' constructed as set forth, in combination with the hinged cover B, with the gearing arrange in connection therewith, substantially as and for the purpose set forth.

J. H. FLEMING.

Witnesses:

GEO. V. H. PARKER,

G. W. FREDERICK.