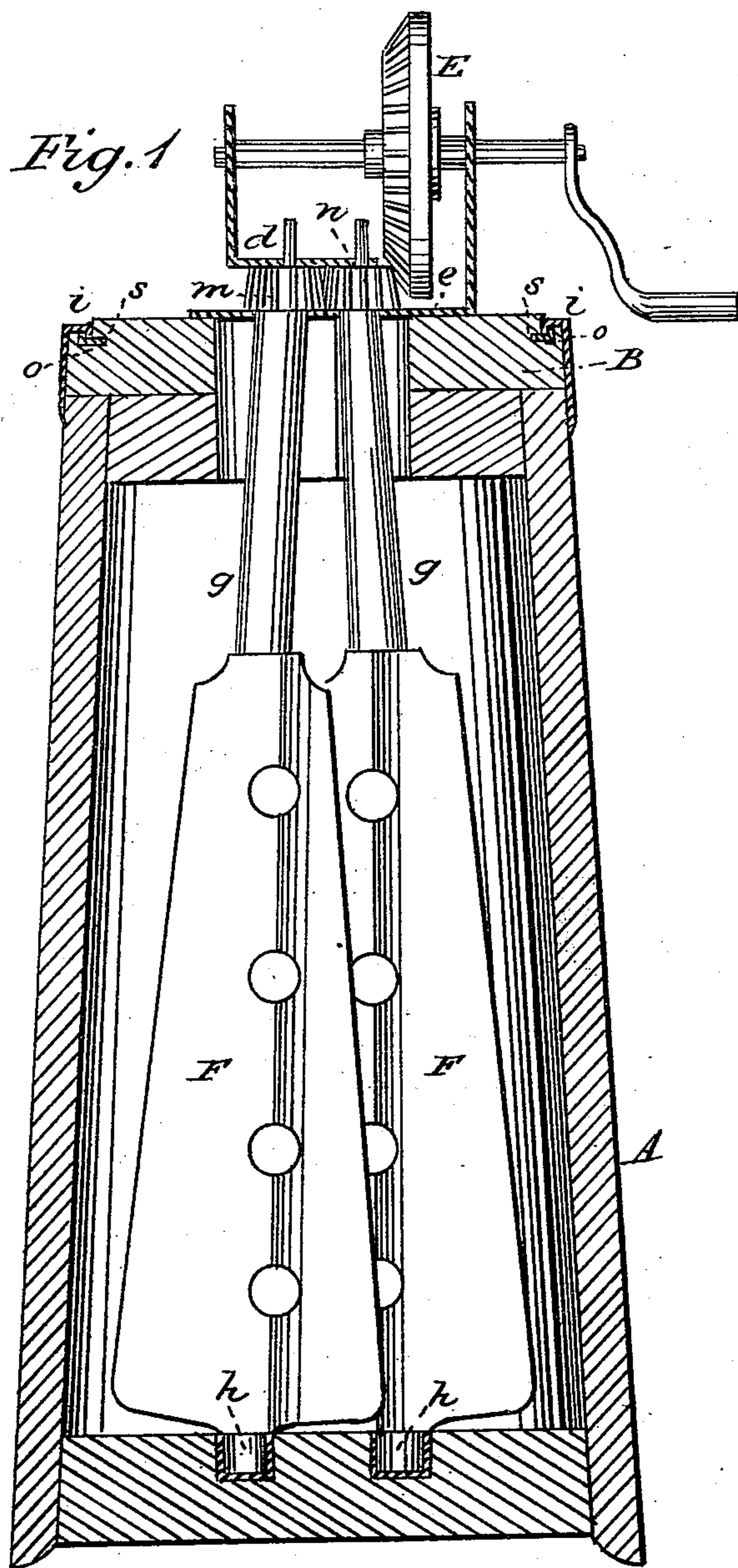


M. WHISLER.

Churn.

No. 61,645.

Patented Jan. 29, 1867.



Witnesses:

A. A. Latham.
J. A. Lehmann

Inventor:

Moses Whisler
Per J. H. Alexander Atty

United States Patent Office.

MOSES WHISLER, OF NEW MARKET, OHIO.

Letters Patent No. 61,645, dated January 29, 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, MOSES WHISLER, of New Market, Highland county, Ohio, have made certain new and useful Improvements in Churns; and I hereby declare that the following is a true, full, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon. In the annexed drawings, which make a part of this specification—

Figure 1 represents a vertical section of my churn.

The letter A designates the body of the churn, which is cylindrical in form. B represents the top of the churn, having at opposite sides two slots *c* cut in its periphery. Near the top of the slot is inserted a metal catch, *o*. Over the catch *o* a projection, *s*, on the upper end of the springs *i* is made to pass. By this device the top is held firmly in position. When it is desired to remove the top B, one of the springs *i*, which is pivoted at bottom to the churn, can be turned aside, and the opposite spring drawn back, the catch *o* released from the projection *s*, and the top removed. On the upper surface of top B there are two metal plates *d* and *e* crossing each other at right angles. The plate *e* is secured to top B, and has a flange at one end that serves as a bearing to the axle of the driving-wheel E, the other end of the axle having its bearing in a similar flange on plate *d*. F represents the two dashers, which are made solid with the necks *g* at their top and the journals *h* at their bottom. The journals *h* rest in holes cut partly through the bottom of the churn A. The necks *g* have the two wheels *m* and *n* firmly fastened to their top. These wheels may be slightly bevelled, so that *n* may gear the better into driving-wheel E. The journals of wheels *m* and *n* rest in holes made through plates *d*; and, as *m* and *n* are geared together, motion is given to both, and to the dashers F, by the driving-wheel E. The crank is attached to the axle of the driving-wheel.

Having thus described my churn, I do not claim the dashers F nor the gearing, as described, for they have been used before; but what I do claim, and desire to secure by Letters Patent, is—

The single-faced wheel E, in combination with the pinions *m* and *n*, the top B, and rings *i*, the whole constructed, arranged, and operating substantially as and for the purpose herein set forth.

In testimony that I claim the foregoing as my own, I hereby affix my name in the presence of two witnesses.

MOSES WHISLER,

Witnesses:

H. P. BARROL,
D. CARSON.