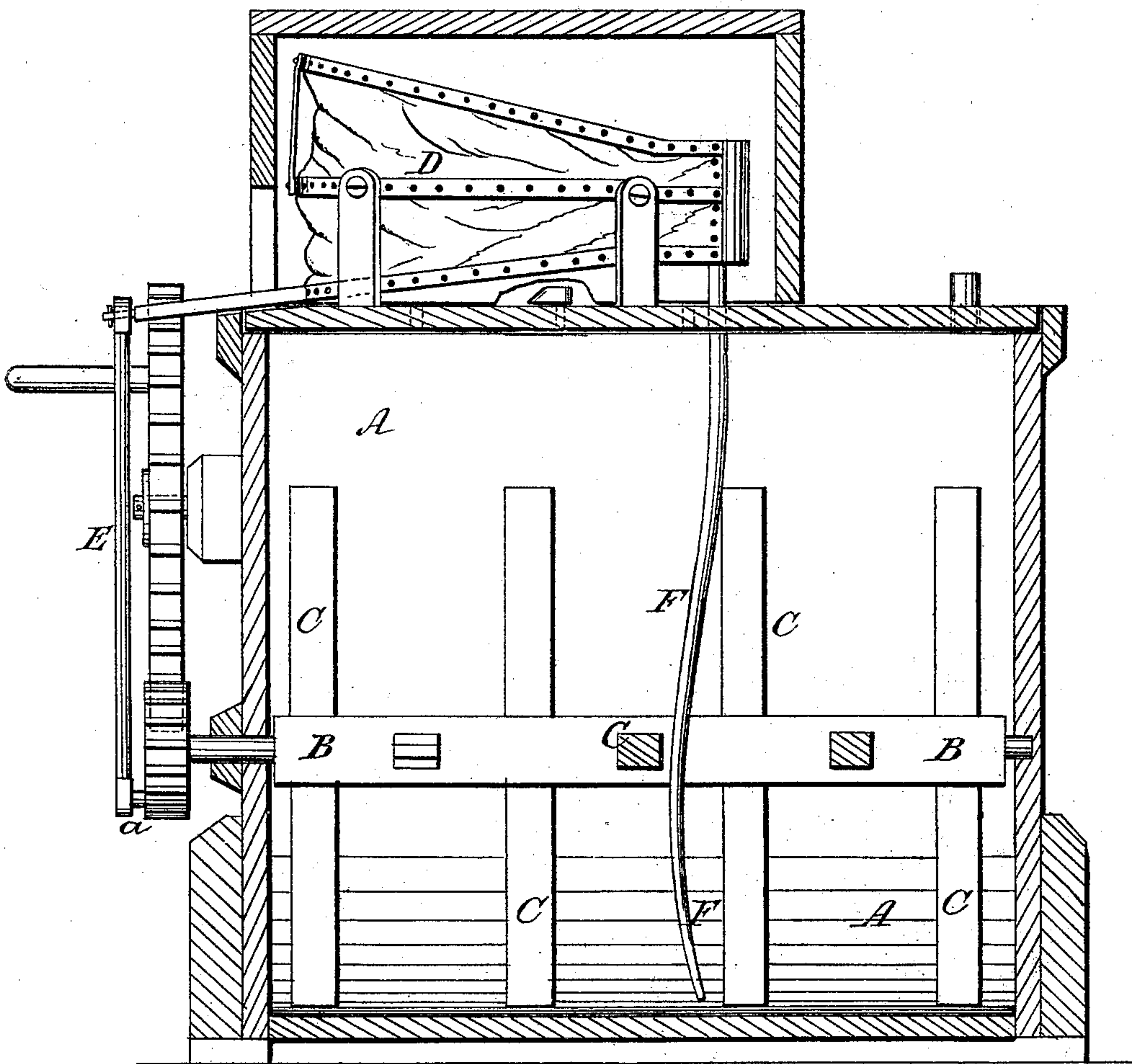


J. E. Overacker.

Churn.

N^o 88,662

Patented Apr. 6, 1869.



Witnesses

Chas. Nida.

Wm. A. Morgan.

Inventor.

J. E. Overacker
per Munn & Co
Attys.



J. E. OVERACKER, OF REDWOOD, NEW YORK.

Letters Patent No. 88,662, dated April 6, 1869.

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. E. OVERACKER, of Redwood, in the county of Jefferson, and State of New York, have invented a new and improved Churn; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which the drawing represents a vertical longitudinal section of my improved churn.

This invention relates to an improvement in that class of churns in which a current of air is blown into the cream, by a bellows, operated by the same mechanism employed to work the dasher; and

It consists in the arrangement of the air-pipe with reference to the horizontal dasher, the bellows, and churn-body, as will be hereinafter more fully described.

A, in the drawing, represents a churn-box, in which, on the rotating axle B, the dashers C, of suitable size and kind, are mounted.

The dasher-shaft B is supported at both ends, and is revolved by suitable means.

D is a bellows, arranged on or in the vicinity of the churn A.

It is by means of a rod, E, connected with a crank-pin, *a*, on the shaft, or with any other part of the driv-

ing-mechanism, so that when the shaft B is revolved, the bellows will also be operated.

From the bellows projects a pipe, F, into the churn, near to the bottom of the same.

As the cream is being dashed, air is blown into it and agitates and purifies it.

I am aware that in the Letters Patent, No. 47,607, issued on the 2d day of May, 1865, to A. J. Smith, a churn was shown, in which bellows were used to blow air through the tubular dasher-shaft into the cream.

This apparatus was, however, owing to the tubular shaft, and its complicated connections, far too expensive and difficult to make, to be of any practical value, while my churn is very simple, and easily made and operated.

I claim as new, and desire to secure by Letters Patent—

The described arrangement of the air-pipe F, with reference to the horizontal dasher, the bellows D, and churn-body A, whereby the air is conducted to the cream, independently of the dasher, as herein described for the purpose specified.

J. E. OVERACKER.

Witnesses:

WM. D. SWAN,

J. FRANK BUTTERFIELD.