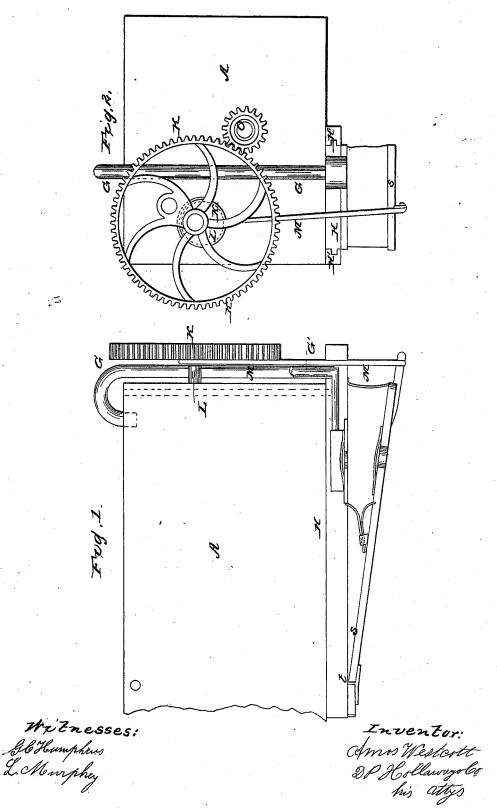
A. WESTCOTT.

Churn.

No. 52,919.

Patented Feb. 27, 1866.



N. PETERS. Photo-Lithographer, Washington, D. C

## UNITED STATES PATENT

## AMOS WESTCOTT, OF SYRACUSE, NEW YORK.

## IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. 52,919, dated February 27, 1866.

To all whom it may concern:

Be it known that I, Amos Westcott, of Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Churns; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the annexed drawings, making a part of this specification, in which-

Figure 1 is an end elevation, and Fig. 2 is a

side elevation of my improvement.

The same letters refer to identical parts.

A is a box, of any convenient form and size. To the bottom of this box is attached a common bellows, B. This bellows I attach to a board or frame, H, which slides into grooves, or by other equivalent means, H', immediately below the box.

The bellows has an induction-valve through which the air is received into the bellows, and a similar valve opening outward in the eduction-pipe, preventing the return of air from the pipe into the bellows. This valve opens into a chamber in the sliding board H, which communicates through the pipe G, through which the air may be conducted into any part of the box A that may be desired.

The bellows is operated by means of the rod M, attached to the lower and movable board of the bellows. I bend this rod at its upper extremity to hook onto the eccentric-wheel

L, which is eccentrically attached to shaf of the spur-wheel K, which is actuated by: hand-crank or in any other convenient man ner. For this device a cam acting upon a ben lever may be substituted, and I do not wish to be confined to the precise mode of effecting the connection here set forth.

The periphery of the wheel K is arranged with cogs which work into a pinion, o, upor the shaft to which the beaters or dashers o the churn are attached. These beaters may be of any of the known forms. Instead of the gearing described the wheels K and O may be pulleys connected by a belt.

Having explained the construction of my improved mode of attaching and operating a bellows and churn, what I claim as my invention, and seek to secure by Letters Patent.

1. The combination of the bellows B with the rod M, eccentric L, driving-wheel K, and pinion O, attached to the shaft of the churn, substantially as and for the purpose set forth.

2. The arrangement of the bellows B with the sliding board H, when the latter is attached, chambered, and connected with the body of the churn, substantially as set forth. AMOS WESTCOTT.

Witnesses:

S. M. NASH,

J. CAVIN.