

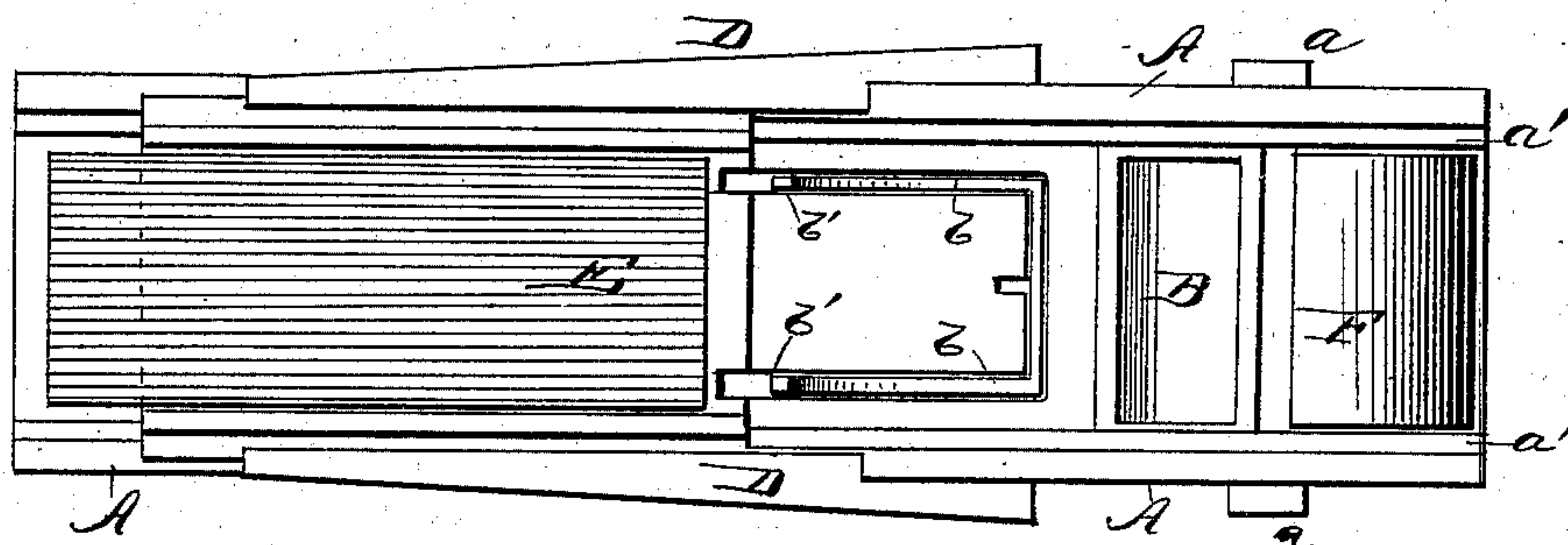
(No Model.)

J. F. CHASE.  
CAN LABELING MACHINE.

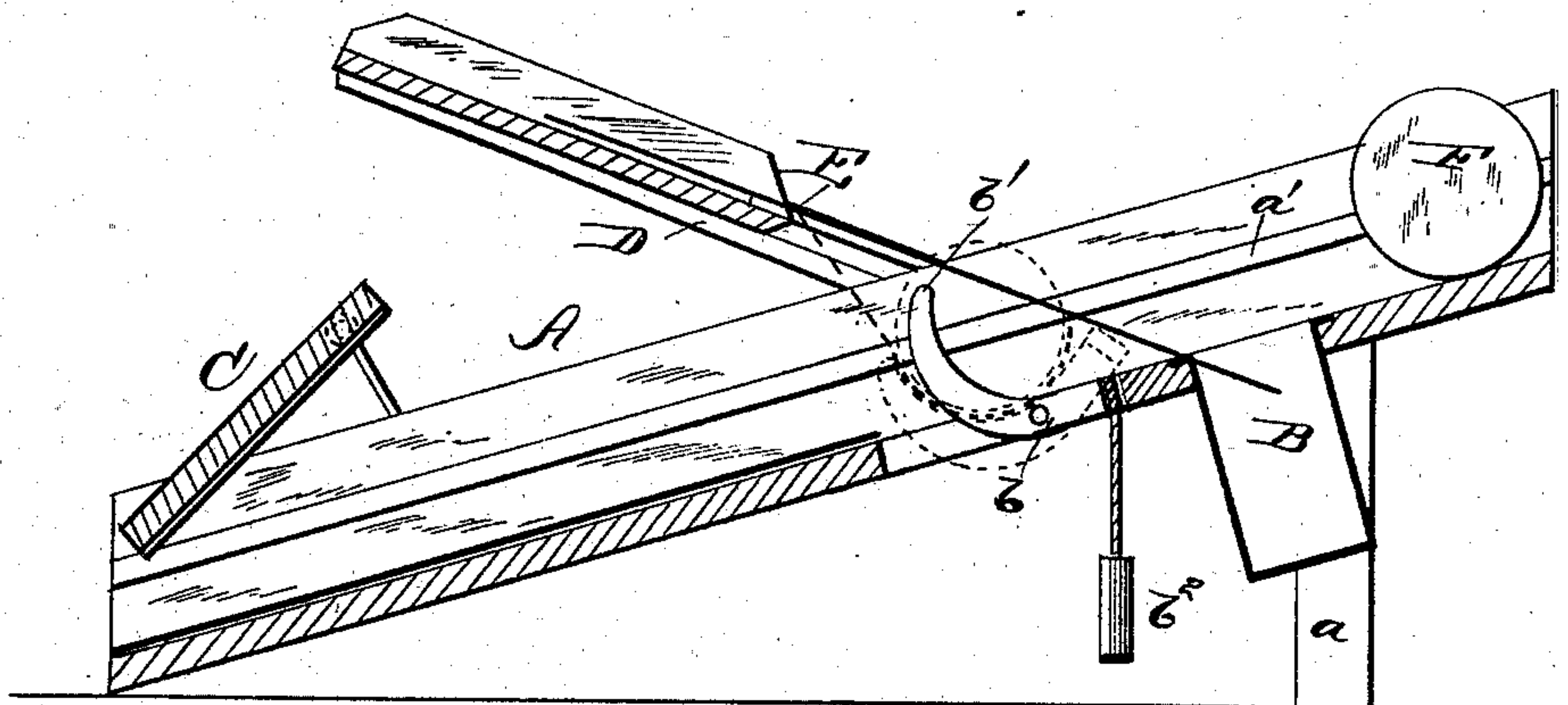
No. 254,864.

Patented Mar. 14, 1882.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
H. C. McArthur.  
H. J. Osgood.

Inventor:  
John F. Chase



# UNITED STATES PATENT OFFICE.

JOHN F. CHASE, OF AUGUSTA, MAINE, ASSIGNOR OF ONE-FOURTH TO  
HENRY SEWALL, OF SAME PLACE.

## CAN-LABELING MACHINE.

SPECIFICATION forming part of Letters Patent No. 254,864, dated March 14, 1882.

Application filed January 24, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN F. CHASE, a citizen of the United States, residing at Augusta, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Can-Labeling Machines, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to devices for attaching labels to fruit and other cylindrical cans; and it consists in the construction, operation, and arrangement of its several parts, as will be hereinafter fully set forth.

In the drawings, Figure 1 is a top plan view of my invention, and Fig. 2 is a vertical longitudinal section.

A is an inclined chute or trough. The raised end rests on supports *a* and the lower end upon the ground or upon shorter supports, as desired.

Placed upon the sides and extending slightly into the trough, as shown, are the guides *a'*. In the bottom of the trough, near the upper end, is a rectangular hole, in which is placed a paste-reservoir, B.

Immediately below the paste-reservoir, pivoted centrally in a U-shaped slot, is the label-attaching device *b*. It consists of a straight bar placed in the slot, which extends across the chute, the bar having its ends bent at right angles to it, and placed in slots extending along the direction of the chute, as shown. The arms are curved upwardly into the chute, forming hooks *b' b'*, as shown.

Attached to the straight bar, and extending below the chute, is the weight *b*<sup>2</sup>, which operates to hold the attaching device in readiness for operation.

Extending across the top of the lower end of the chute, and pivoted upon supports which rise above it, is the trap C. It is intended that there may be more than one of these traps, if so desired.

Secured to the outer sides of the trough, at a point directly opposite the attaching device *b*, are inclined guides D, sliding in grooves, in which is the label-holder E. This holder is

capable of adjustment in the grooves to accommodate the different diameters of cans.

In the operation of the machine the labels are placed in the holder E, the top one is pulled down into the paste-reservoir, and its end dipped into the paste, so that it receives paste on both sides at that end. It is then drawn back until its lower end rests on the bottom of the trough, immediately above the attaching device.

F represents a can at the top of the chute, in readiness to receive its label. The can is allowed to roll down the chute. When it reaches the label the label will of course stick to the can and commence to wind itself around the can. When the can strikes the attaching-hooks the effect will be to cause the curved portions to be depressed, and the straight bar extending across the trough to rise and firmly press against the label on the side of the can, and to draw the label along the holder down and around the can. The lower end of the label-holder should be so adjusted that as the can passes under it it will bear against it sufficiently to press the label gently against the can. The bottom of the trough is covered with some elastic material—as, for instance, rubber cloth—so that as the can rolls along it, after receiving the label, it will be more firmly attached to the can. As the can passes out of the trough it receives a final pressure by the trap C, the under surface of which is also covered with elastic material.

The can is held evenly in the trough by the guides *a'*.

What I claim is—

1. A can-labeling machine consisting of the inclined trough A, having attached to its sides the upwardly-inclined guides D, supporting the adjustable holder E, the paste-reservoir B, placed in the bottom of the trough, attaching device *b*, pivoted centrally in a U-shaped slot, and having upwardly-inclined hooks extending into the trough, and the trap C, pivoted across and above the sides of the chute, all operating in combination, substantially as shown and described.

2. In a can-labeling machine, in combina-

tion with the trough A, the attaching device  
b, consisting of a straight bar placed in a slot  
extending across the trough immediately be-  
low the paste-reservoir, and having its ends  
5 bent at right angles and curved upwardly in  
the arc of a circle, and placed in slots extend-  
ing along the direction of the chute, substan-  
tially as and for the purposes set forth.  
3. In combination with the trough A and  
10 holder E, the attaching device b, adapted to

press against the side of the can and draw the  
label around it, substantially as shown and de-  
scribed.

In testimony whereof I affix my signature  
in presence of two witnesses.

JOHN F. CHASE.

Witnesses:

W. J. OSGOOD,  
FRANK GRINER.