

(No Model.)

S. HORTON.
MILK CAN LOCK.

No. 267,532.

Patented Nov. 14, 1882.

Fig: 1.

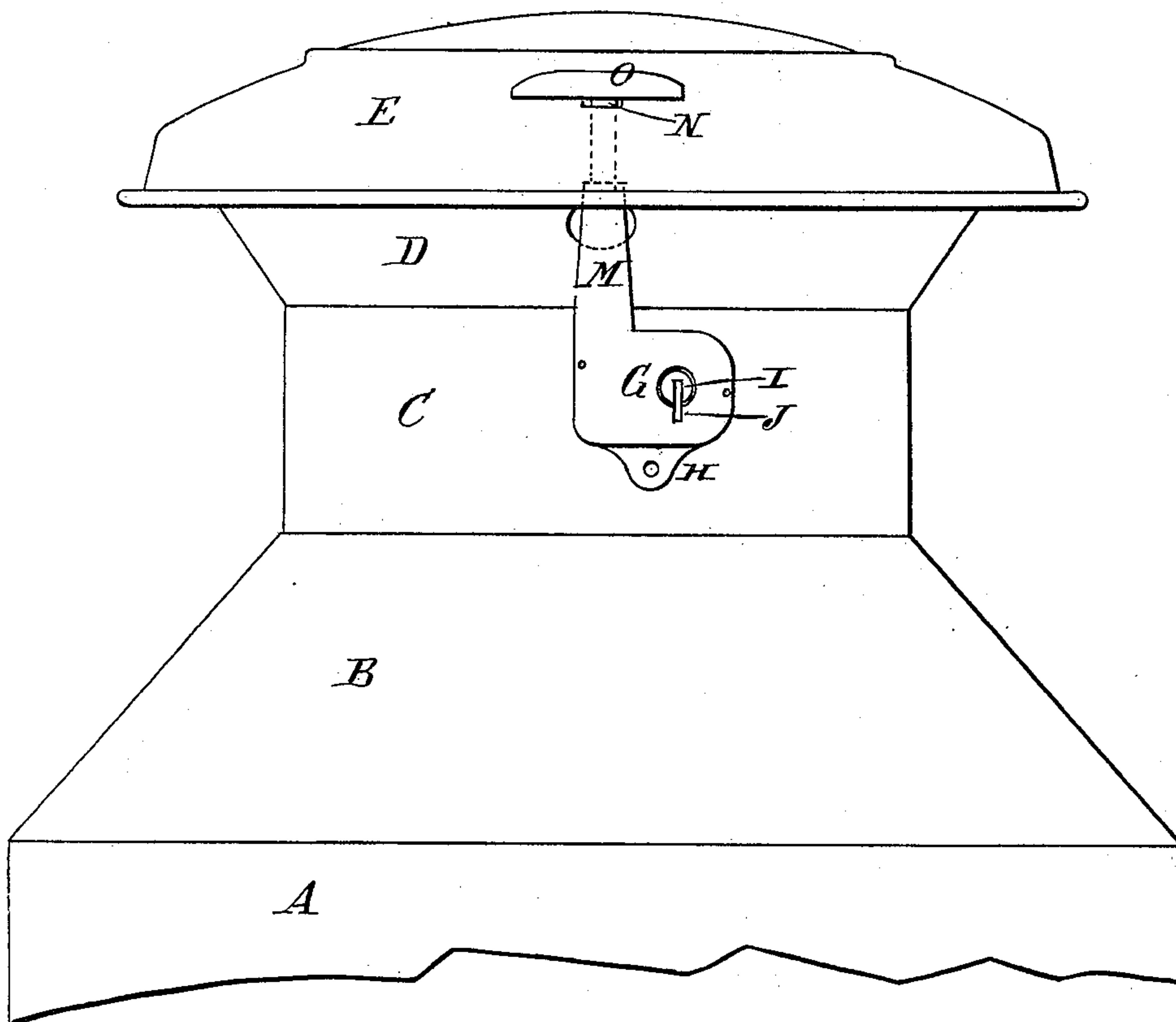


Fig: 2.

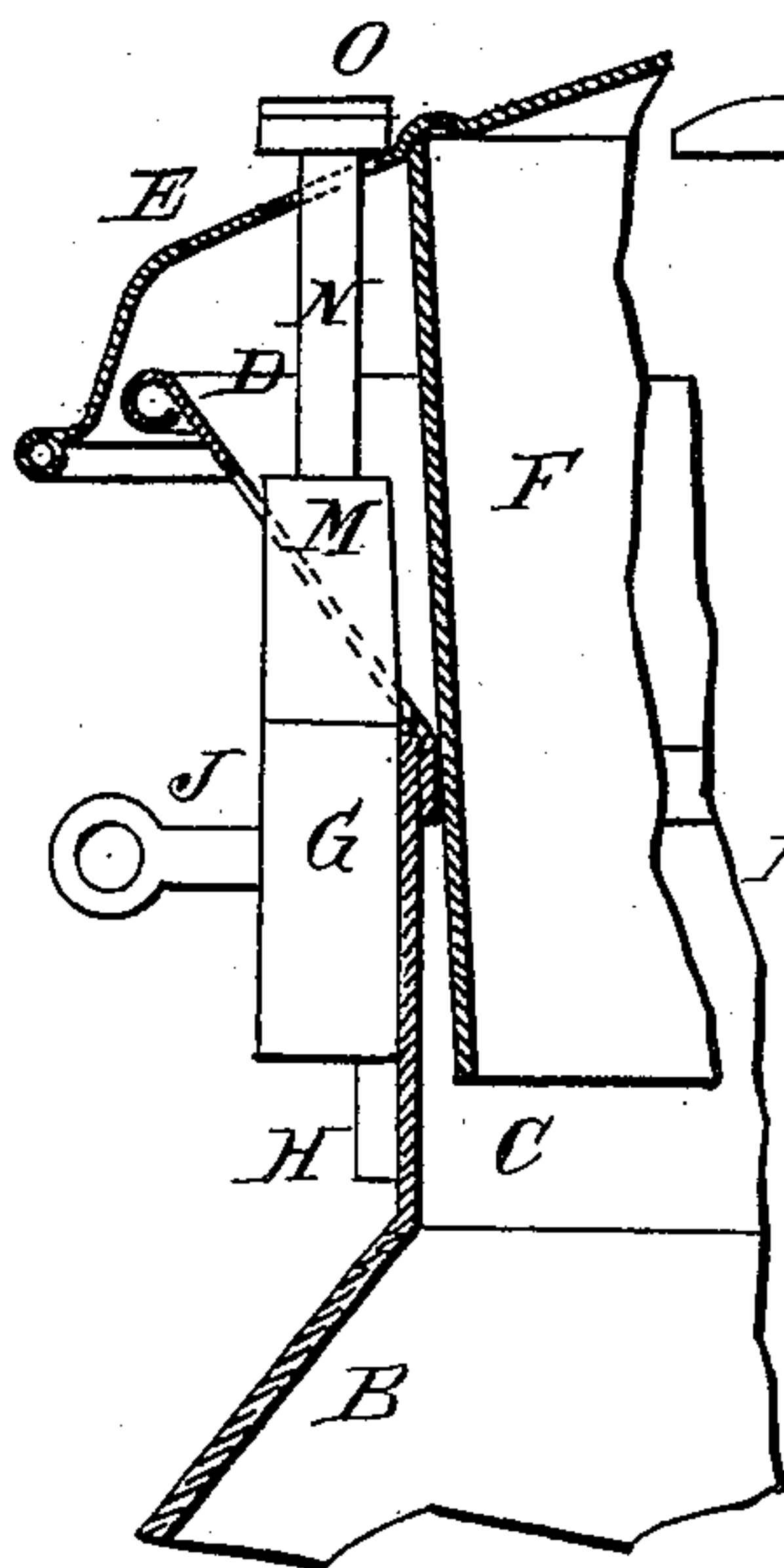
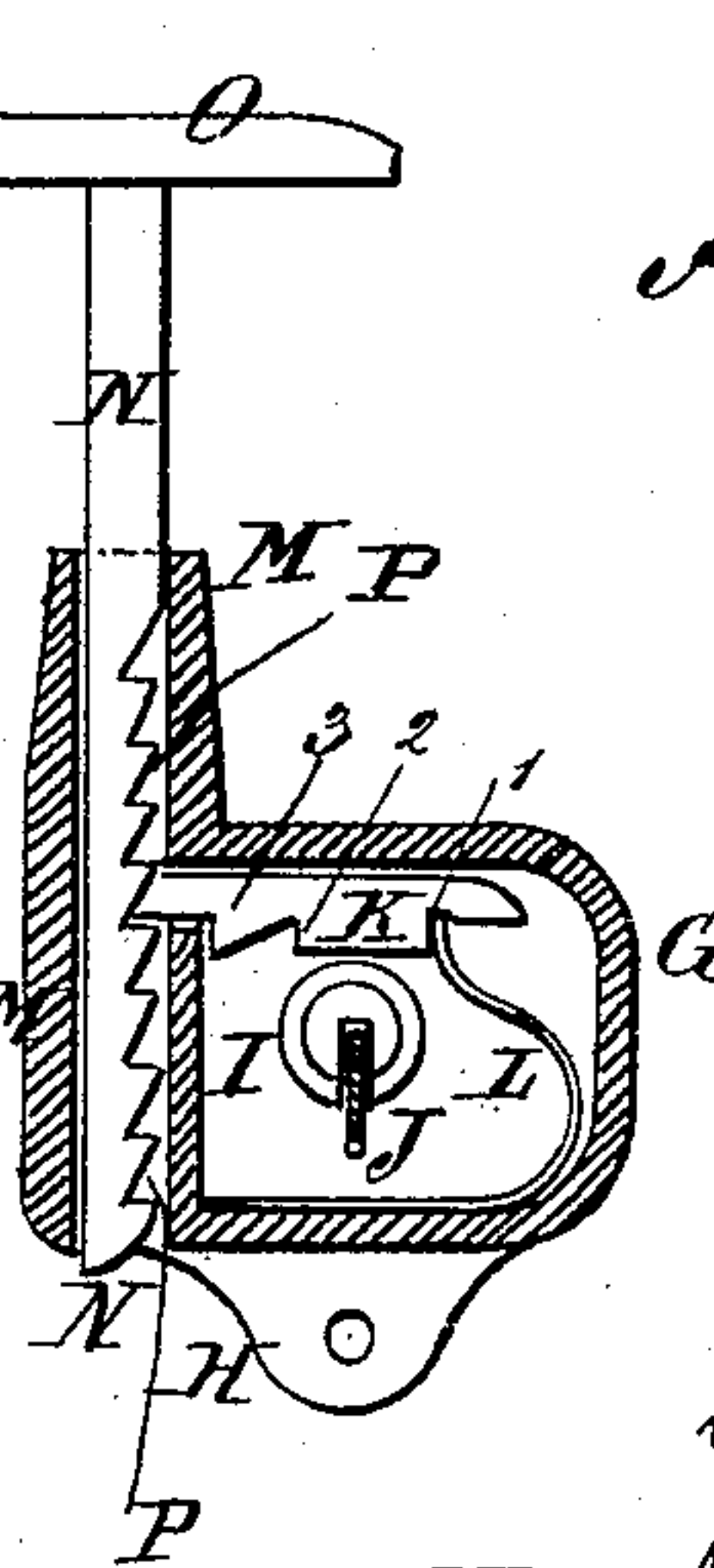


Fig: 3.



WITNESSES:

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MILK-CAN LOCK.

SPECIFICATION forming part of Letters Patent No. 267,532, dated November 14, 1882.

Application filed October 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, SEYMOUR HORTON, of the city, county, and State of New York, have invented certain new and useful Improvements in Milk-Can Locks, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my improvement, shown as applied to a milk-can. Fig. 2 is a side elevation of the same, the milk-can being shown in section. Fig. 3 is a sectional front elevation of the lock.

The object of this invention is to prevent milk from being taken from milk-cans by unauthorized persons.

The invention consists in a milk-can lock constructed with a case attached to the neck of the can, and having a spring-pressed bolt, and a socket to receive a bar to be passed through the cover, and provided with ratchet-teeth for the said bolt to engage with, whereby a milk-can cover can be locked securely in place and the wear taken up, as will be hereinafter fully described.

A represents the body, B the breast, C the neck, and D the collar, of a milk-can.

E is the top, and F is the flange, of the milk-can cover.

G is the case of the lock, upon the lower edge of which is formed a lug, H, to receive a rivet for securing the said case to the neck C of the milk-can. The case G is further secured to the neck C by solder or other suitable means.

I is a short cylinder, the ends of which are rabbeted to enter and revolve in holes in the side plates of the lock-case G, and which has a longitudinal slot in one side to receive the shank of the key J, so that the said cylinder will serve as a pivot for the said key.

In the upper part of the interior of the case G is placed the lock-bolt K, which is held forward by the spring L, secured to the said case G, and engaging with a shoulder, 1, formed upon the said bolt. The bolt K is drawn back by the key J, the bit of which engages with a second shoulder, 2, formed upon the said bolt K. The forward movement of the bolt K is limited by a third shoulder, 3, formed

upon the lower side of the said bolt, and which comes in contact with the edge of the case G, through an opening in the said edge, through which the engaging end of the said bolt enters the socket M, formed upon the edge of the case G, and which extends upward, so as to pass through a hole in the collar D.

Into the socket M is fitted a bar, N, which passes through a hole in the top E of the can-cover, and has a cross-head, O, formed upon its upper end, to rest upon the cover-top E, and thus limit the downward movement of the said bar N, and to serve as a handle in inserting and removing the said bar. This bar N has ratchet-teeth P formed in one side for the bolt K to engage with, as shown in Fig. 3. With this construction, when the can is new the bolt K will engage with the teeth P near the end of the bar N, and as the flange of the cover and the neck of the can wear, and the said flange descends farther into the said neck, the bolt will engage with teeth farther from the end of the said bar, so that the cover will always be locked snugly in place. With this construction, also, the cover will be locked automatically when the bar N is pushed down into the socket M, and can only be unlocked by drawing the bolt K back with a key. The locks can be provided with varied wards in the ordinary manner, so that each lock can be unlocked only with its own key.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A milk-can lock constructed substantially as herein shown and described, and consisting of the case G, having socket M and spring-pressed bolt K, and the bar N, having ratchet-teeth P, as set forth.

2. The combination, with the neck C and the cover E F of a milk-can, of the case G, having spring-pressed bolt K and socket M, and the bar N, having ratchet-teeth P, substantially as herein shown and described, whereby the said cover can be locked securely in place, and the wear will be taken up, as set forth.

SEYMOUR HORTON.

Witnesses:

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