

(No Model.)

W. J. HUSSEY.
MILK CAN LOCK.

No. 326,083.

Patented Sept. 8, 1885.

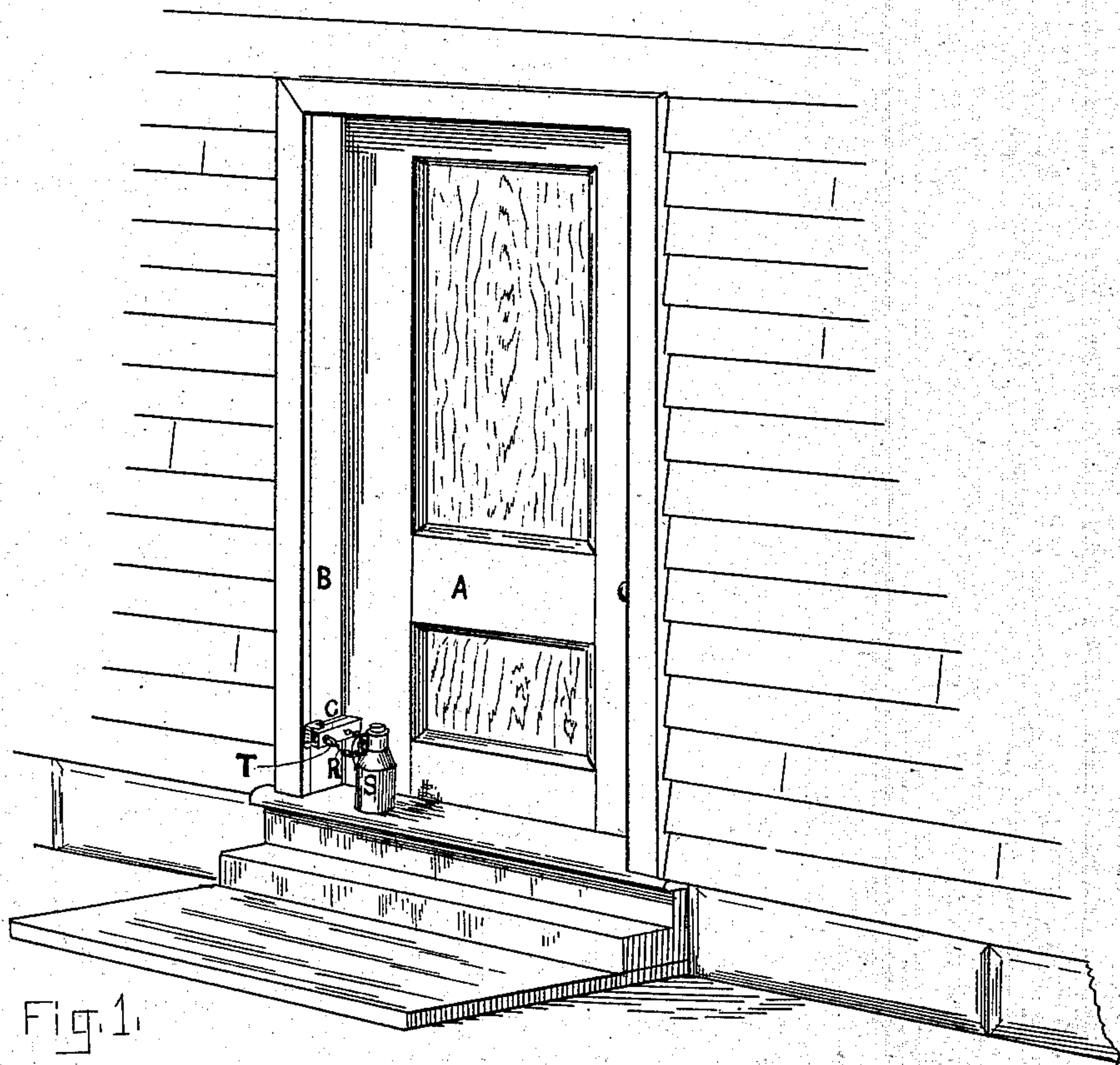


Fig. 1.

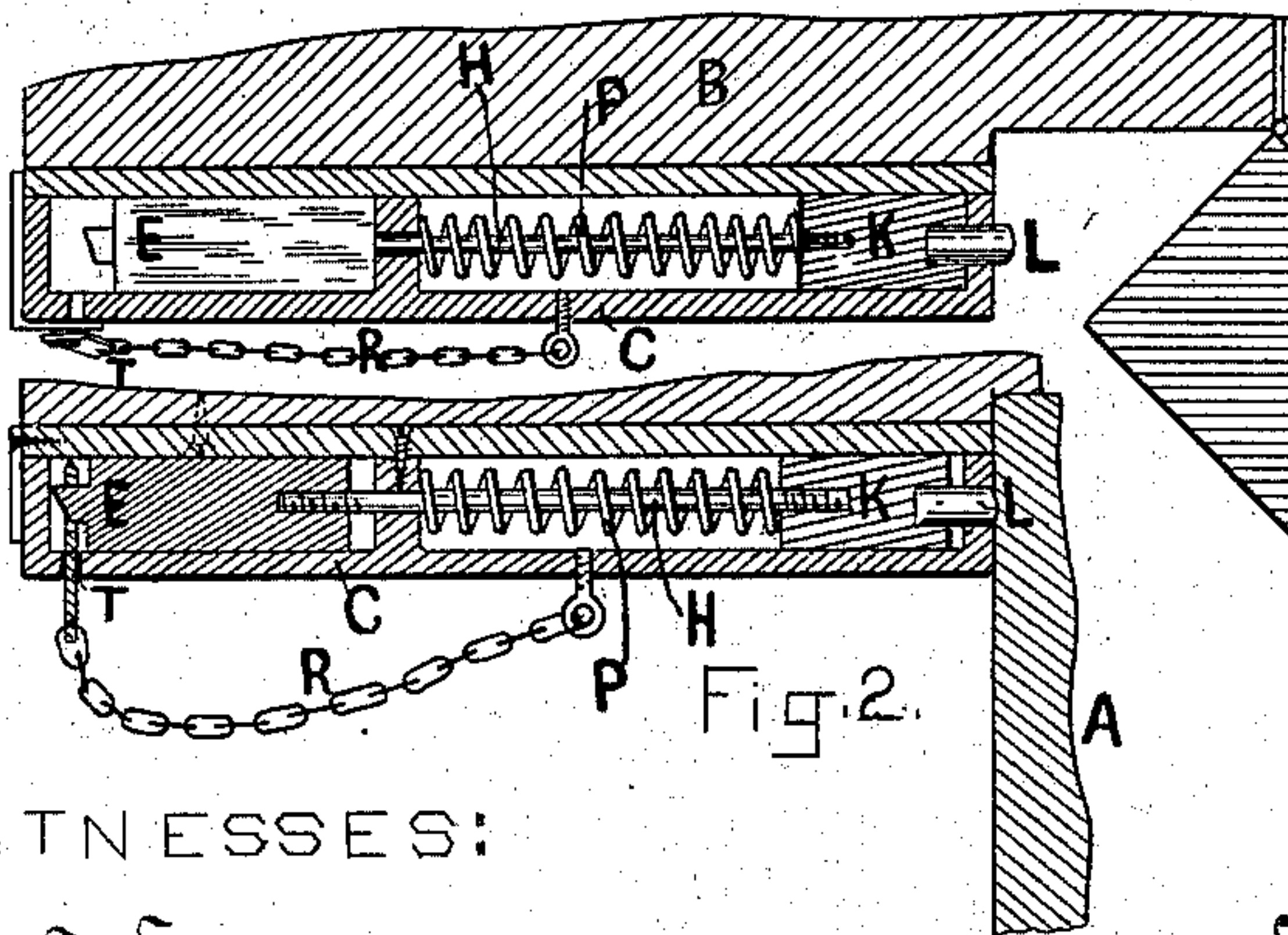


Fig. 2.

Fig. 3.

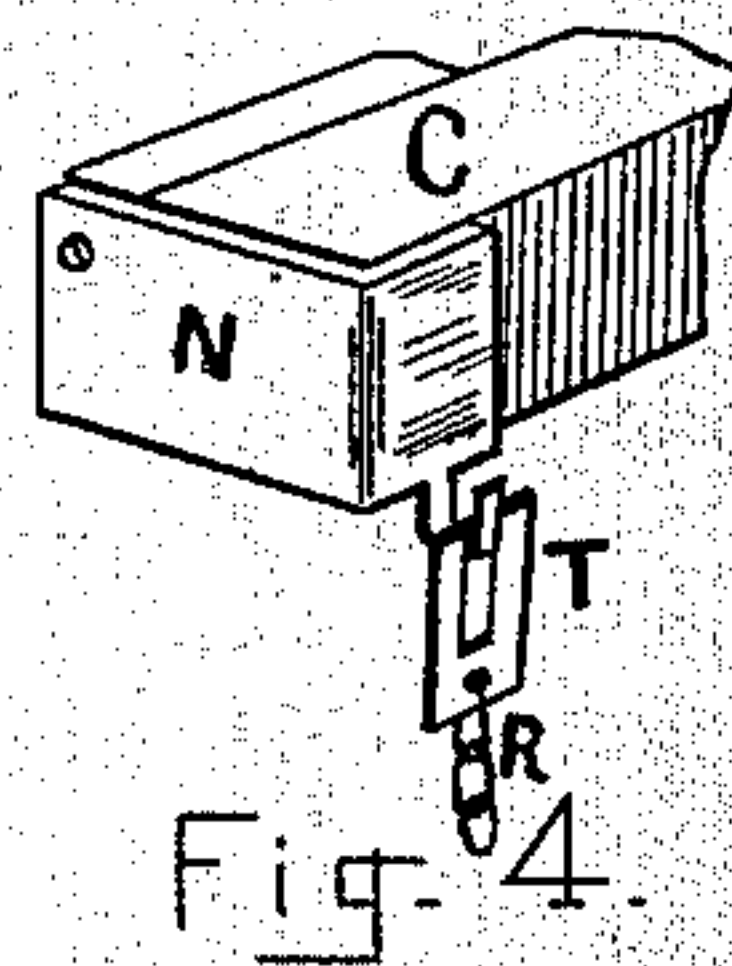


Fig. 4.

WITNESSES:

Chas. S. Crowding.
W. R. Marble

by

INVENTOR:

William J. Hussey
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UNITED STATES PATENT OFFICE.

WILLIAM J. HUSSEY, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO HENRY A. OWEN, OF SAME PLACE.

MILK-CAN LOCK.

SPECIFICATION forming part of Letters Patent No. 326,083, dated September 8, 1885.

Application filed February 28, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. HUSSEY, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Milk-Can Locks, of which the following is a specification.

The object of my invention is to provide a lock for securing a milk-can in position within a doorway when placed there by a milkman before the customer or one for whom it was left is ready to secure it, so as to prevent the milk-can, with its contents, from being stolen and carried away; and it consists in the construction, combination, and arrangement of a sliding spring-bolt and chain adapted to enable the milkman to so secure the can of milk when left that it cannot be removed without first opening the door near which the can is placed when left, and secured as safely as it could be by means of a lock and key, and yet dispensing with the key entirely, as a milkman could not conveniently carry the large numbers that would be required to serve each customer were locks and keys employed for the purpose.

Figure 1 represents a perspective view of a doorway having a can of milk secured therein by means of my invention. Fig. 2 represents a horizontal section through the sliding spring-bolt mechanism in position with a portion of the door casing or "jamb," and door in a closed position. Fig. 3 represents a similar view of the same with the door partially open, so as to release the spring-bolt and permit the securing-chain to be disconnected and the can removed. Fig. 4 represents a perspective view of one of the details of construction.

A represents a door, and B the casing thereof, to which is permanently secured the case C, provided with a sliding catch-bolt, E, the outer end of which is provided with an angle or incline face, and the opposite inward end has connected therewith a rod, H, the opposite end of which is secured to the sliding block K, the outward end of which has secured thereto or has provided therein a flexible rubber spring, L, which projects through a hole formed in the end of the said case C to receive it, so that when the door A

is closed its outward face will contact with the projecting end of the said rubber spring L and force it inwardly; and as such rubber spring is sufficiently rigid to partially overcome the force or pressure of the spiral spring P, surrounding the said rod H, the said sliding catch-bolt E is forced thereby to assume the position shown in Fig. 2—that is to say, with the point end of its incline catch portion against the outward end portion of the said case C.

Now, it will be seen and understood that if the chain R be passed through the handle of a milk-can, S, and the flat bevel-ended link T connected to the chain be forced within a slot provided in the face of the case to receive the same, its inward end will impinge against the incline face of the said catch-bolt E sufficiently to force the same longitudinally within said case C, compressing the said rubber spring, so as to permit said flat link to enter between the said catch and end of the case sufficiently as to permit the said sliding spring-catch to enter the opening formed through said link by means of the recoil or return force of the said rubber spring L, and thus securely retain the same in such position until the said door is opened, after being unlocked by an occupant of such building, which act of opening would permit the said coiled spiral spring P to recoil or act so as to slide the catch-bolt E from within the opening of the link, as shown in Fig. 3, when the can and contents may be removed, and the said link and chain suspended upon the hook of the swinging cap-plate N, as shown in Fig. 4, until required for use by the milkman upon his arrival the next trip, or next morning.

Having thus described my invention, what I claim is—

The combination, with the case C, having the sliding catch-bolt E, rod H, block K, rubber spring L, and spiral spring P, of chain R, having the link T, adapted to be secured within and released from said case, substantially as described, as and for the purposes set forth.

WILLIAM J. HUSSEY.

Witnesses:

SYLVENUS WALKER,
CHAS. S. GOODING.