P. GOODROW.

SECURING DEVICE FOR MILK BOTTLES.

APPLICATION FILED JUNE 8, 1916.

1,216,110.

Patented Feb. 13, 1917.

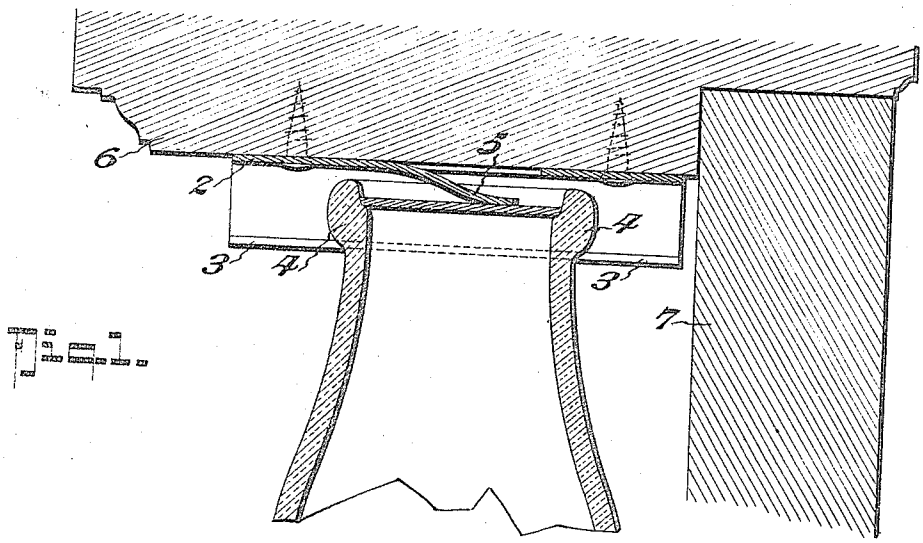


Fig. 1.

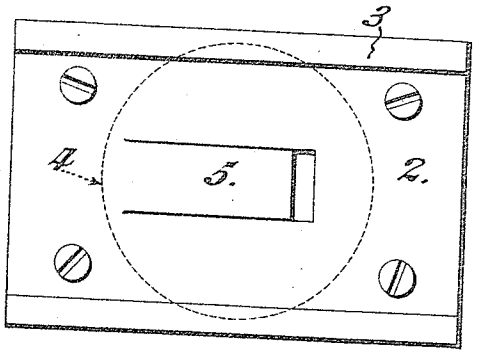
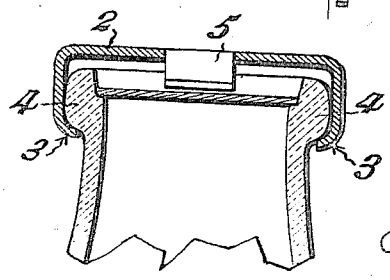


Fig. 3.

Fig. 2.



WITNESS

Charles J. Diller

INVENTOR

Paul Goodrow.

BY

Fred G. Heterich & Co

ATTORNEY

UNITED STATES PATENT OFFICE.

PAUL GOODROW, OF OLYMPIA, WASHINGTON.

SECURING DEVICE FOR MILK-BOTTLES.

1,216,110. Specification of Letters Patent. Patented Feb. 13, 1917.

Application filed June 8, 1916. Serial No. 102,566.

To all whom it may concern:

Be it known that I, PAUL GOODROW, a citizen of the Dominion of Canada, residing at Olympia, in the county of Thurston and State of Washington, have invented certain new and useful Improvements in Securing Devices for Milk-Bottles, of which the following is a specification.

This invention relates to a device for securing milk bottles against unauthorized removal from the house to which they have been delivered by the vender.

The invention is fully described in the following specification, reference being made to the drawings by which it is accompanied, in which:

Figure 1 is a longitudinal section showing the neck of the bottle as secured therein. Fig. 2 is a cross section of the same, and Fig. 3, an inverted plan.

The device comprises a plate 2 of thin metal, the sides of which are downwardly and inwardly turned, as at 3, to engage the neck bead 4 of a standard milk bottle and sustain it.

Downwardly projecting from the central portion of the plate 2 is a spring 5, the free end of which is directed toward one end of the member 2—3 so as to project into the path of the neck of a milk bottle as it is moved from end to end between the downwardly turned edges 3. This spring, while permitting the bottle neck to pass in one direction, will engage the inner side of the neck 4 and prevent backward withdrawal of the same.

This member 2—3 is secured by screws to the underside of a door lintel 6 adjacent the outer face of an outer door 7, with the downwardly projecting free end of the spring 5 directed toward the door face, that is, toward the jamb against which the door, opening inward, is stopped.

With a device so constructed and applied the neck bead 4 of a milk bottle can be inserted from the outer end between the edges 3 and being moved against the face of the door, the free end of 5 will spring into the bottle neck and will prevent withdrawal of the bottle outward, but when the door 7 is opened the bottle can be readily withdrawn from the inner side.

The spring 5 may be secured to the plate 2, or as shown in the drawing, may be sheared and bent down from the plate itself.

The device is exceedingly simple and being stamped from thin sheet metal may be made at a trifling cost.

Having now particularly described my invention, I hereby declare that what I claim as new and desire to be protected in by Letters Patent, is:

In a device for sustaining a milk bottle from the lintel of a door, a sheet metal body having edges downwardly and inwardly turned to engage the outwardly beaded edge of a milk bottle to sustain the same, a spring leaf tongue stamped from said body to project downwardly between the downwardly turned edges and extending in a direction toward the door and adapted to engage the cover disk of a bottle to prevent withdrawal of the bottle in a direction away from the door, means for securing said body in place, said downwardly extending edges being of a length whereby the upper edge of the bottle will lie in close proximity to said body, all being arranged substantially as shown and for the purposes stated.

In testimony whereof I affix my signature.

PAUL GOODROW.