

D. F. JONES.
 COMBINED HOLDER AND PROTECTOR FOR MILK BOTTLES AND THE LIKE.
 APPLICATION FILED SEPT. 14, 1908.

945,170.

Patented Jan. 4, 1910.

Fig. 1

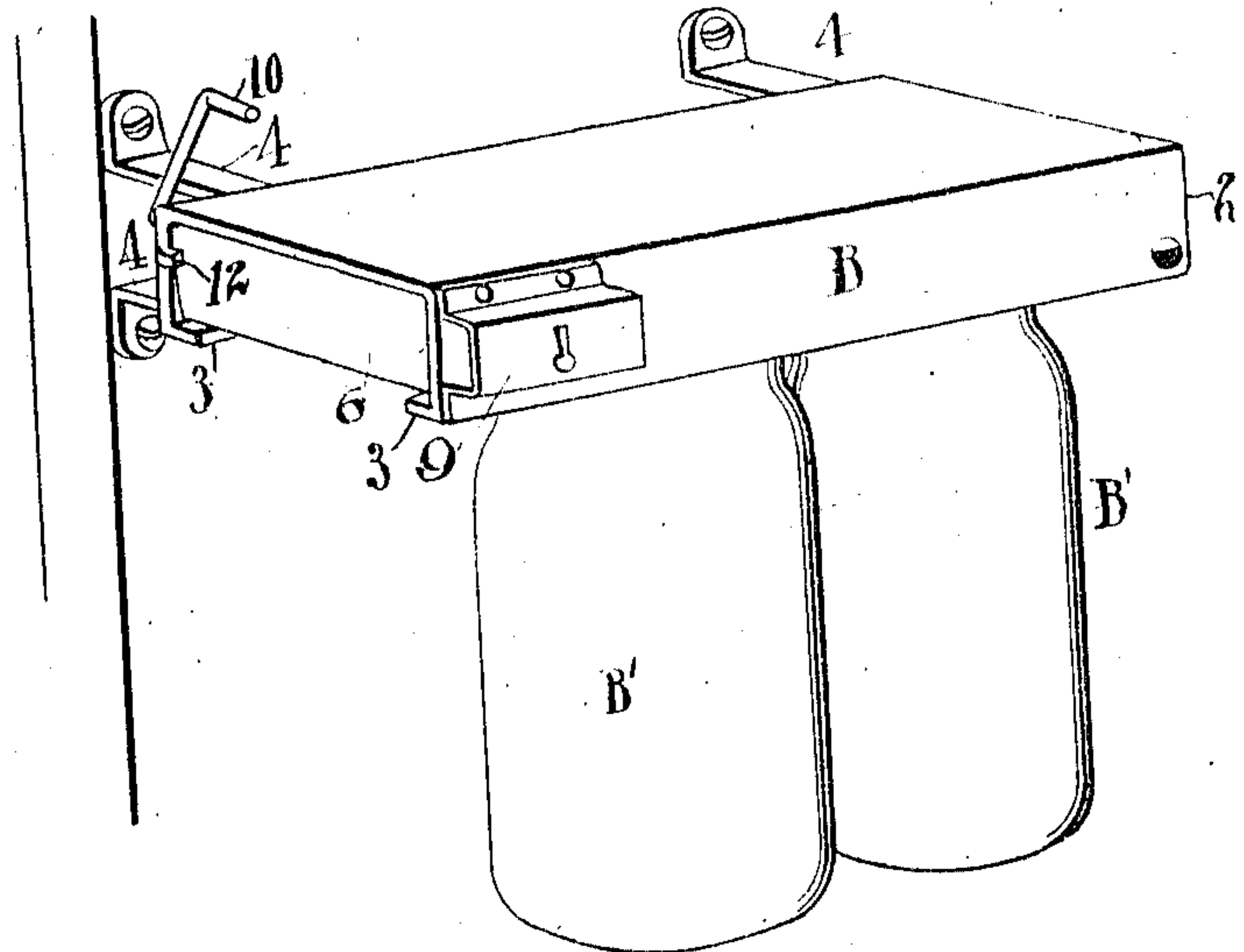


Fig. 2.

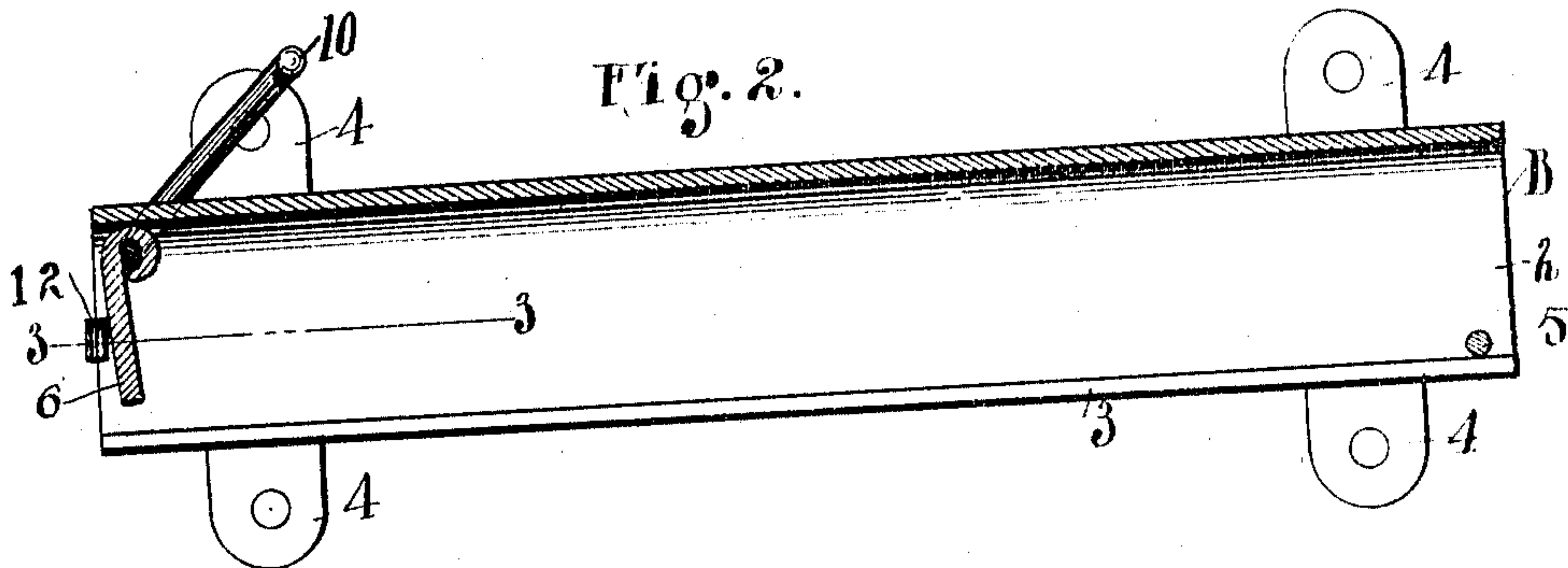


Fig. 3.

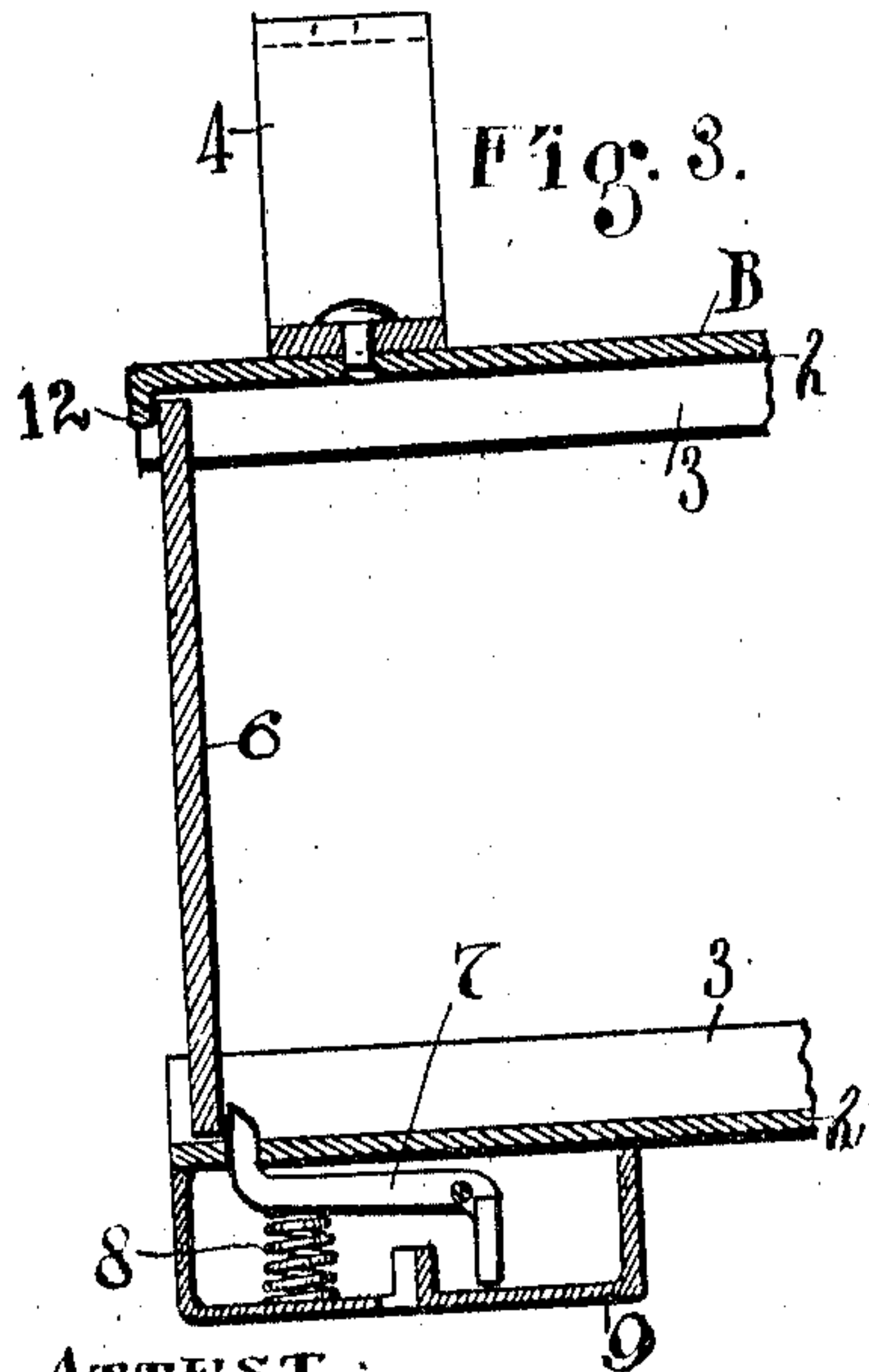


Fig. 4.

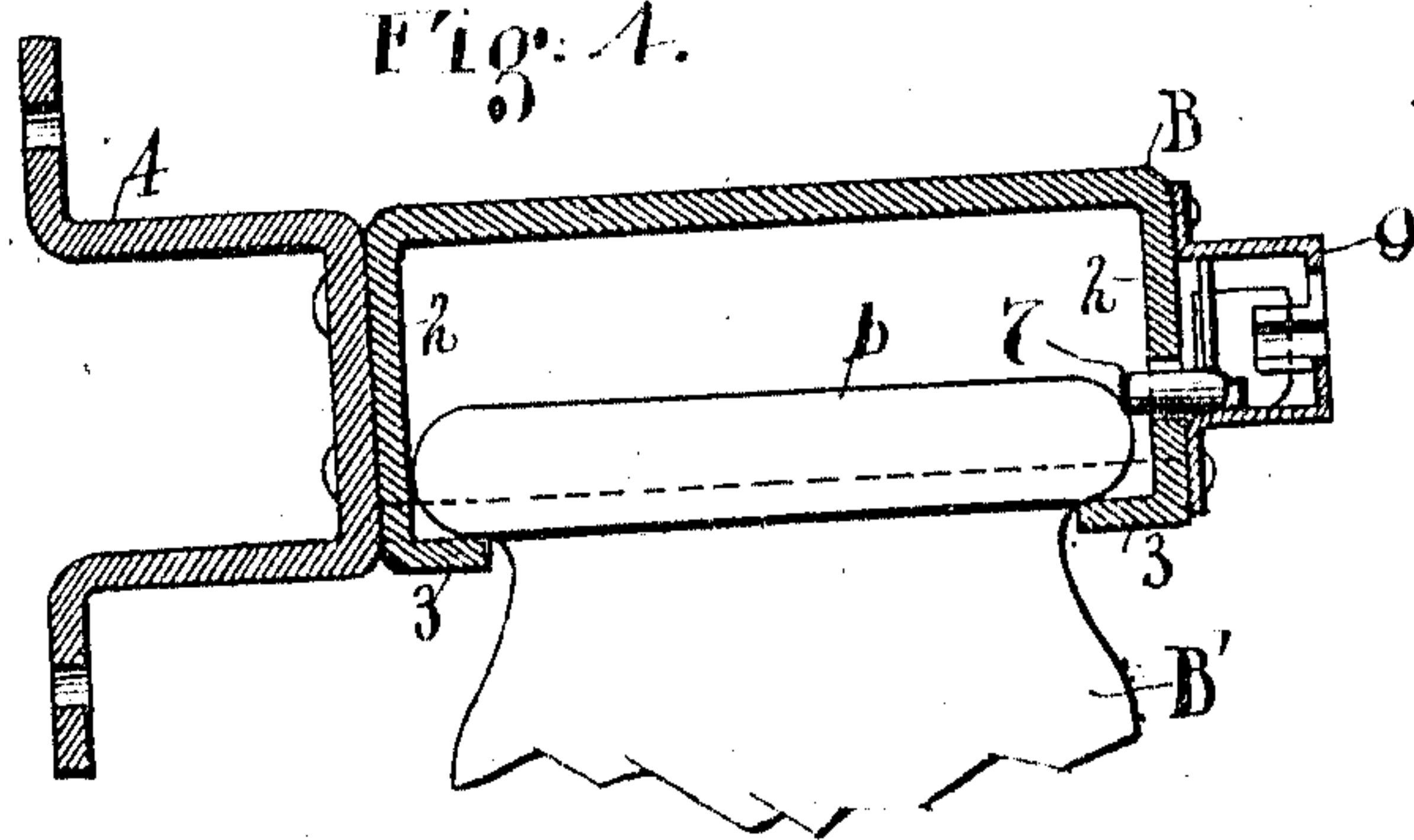
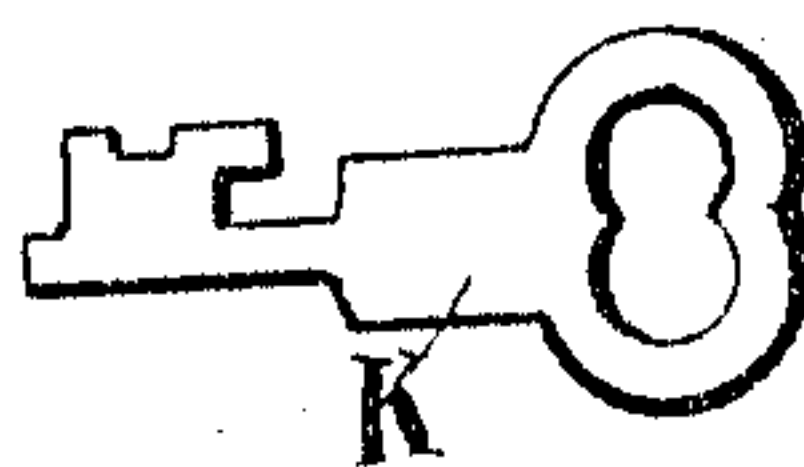


Fig. 5.



ATTEST
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UNITED STATES PATENT OFFICE.

DAVID F. JONES, OF CLEVELAND, OHIO, ASSIGNOR TO DAVID BENNETT AND JAMES M. MALE, BOTH OF CLEVELAND, OHIO.

COMBINED HOLDER AND PROTECTOR FOR MILK-BOTTLES AND THE LIKE.

945,170.

Specification of Letters Patent.

Patented Jan. 4, 1910.

Application filed September 14, 1908. Serial No. 452,915.

To all whom it may concern:

Be it known that I, DAVID F. JONES, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in a Combined Holder and Protector for Milk-Bottles and the Like, and do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention has reference to a combined holder and protector for milk bottles and the like, all substantially as shown and described and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of the said holder with two bottles shown as suspended therein. Fig. 2 is a longitudinal sectional elevation thereof. Fig. 3 is a sectional plan view taken through the lock at the side of the holder, and Fig. 4 is a cross section of the holder across the lock casing. Fig. 5 is a plan view of the key.

The nature and object of the invention are clearly apparent from the foregoing views, and the invention consists in a bottle holder adapted to receive milk bottles or jars as they are delivered at a residence or other place, and where delivery of milk generally occurs in the morning before people are up and when it is comparatively easy for unauthorized persons to appropriate the bottles. Then there is the further important consideration of sanitary protection from dust and the like, or possible tampering with milk after it has been delivered.

To these ends the present invention consists in a metallic body B, preferably rectangular in shape and made essentially of a single piece of sheet metal closed across its top and sides and open at both ends. The said sides 2 are parallel and have opposite parallel intumed or right angled flanges or edges 3 along their bottom adapted to carry the bottle or bottles B'. Said bottles are engaged about their neck, or next below their so-called beads b upon said flanges so that they are bodily suspended therefrom and at the same time are securely housed and confined within the said holder. Brackets 4 are used by which the holder is fixed upon a post or wall or the like in such man-

ner that they cannot be tampered with nor removed. At its rear or inner end said holder has a cross rod 5 connecting the sides thereof at a point just above the flanges 3 and which is riveted at its ends on said sides so as to be permanently fixed therein. This rod serves as a stop for the bottles as they are slid back upon said flanges and also to hold the sides 2 firmly together, and the bottles are locked in said holder by a pivoted wing or door 6 at the front thereof and which is adapted to swing inward at its bottom in order to pass the bottle along upon said flanges either way. But when the bottles are in the holder the door presumably is closed and automatically locked by swinging it in position, as in Fig. 3 wherein the pivoted bolt or latch 7 engages the door, and the construction of the door at about its pivot or hinge is such that it cannot swing outward. The said latch or bolt 7 is supported by a spring 8 confined in the casing 9 fixed to the side of the said holder, and a key K is adapted to be engaged through a hole in casing 9 with the said latch 7 and open the same sufficiently to permit the door 6 to swing open.

For convenience the door 6 is provided with an arm 10 at one end to rotate the same on its pivot and thus avoid engaging the door itself for this purpose, but the door can be closed from the inside by pressing a bottle against the same and swinging it over the bevel point of the latch, as shown in Fig. 3, and this is the most convenient way for the delivery man to do when he places a bottle in the holder. The key is used by the owner and not any one else. Both ends of the holder are open full depth except rod 5 at the rear and door 6 at the front. A lug 12 is provided at the end and side edge of box B against which the door closes when it is locked by the latch 7.

What I claim is:—

1. In bottle holders, a rectangular box having parallel intumed flanges along its sides and bottom adapted to engage the necks of bottles and open at one end to introduce the bottles, and a door adapted to close behind the bottles and shut them in said box.

2. A bottle holding box made in a single piece and having a closed top and sides and supports along its sides and bottom adapted to suspend a series of bottles from about the

necks thereof in a row behind one another, a stop at one end of said box for the bottles and a pivoted door at the other end, and means to lock said door.

- 5 3. A bottle holder consisting of a rectangular box having an open bottom and open ends and intumed flanges along its bottom and sides, and a door at one end and a cross

connecting rod at the other end forming a stop for the bottles.

In testimony whereof I sign this specification in the presence of two witnesses.

DAVID F. JONES.

Witnesses:

E. M. FISHER,
F. C. MUSSUN.