

DURRANT BURNETT.

Improvement in Locking Covers for Milk-Cans.

No. 115,697.

Fig. 1.

Patented June 6, 1871

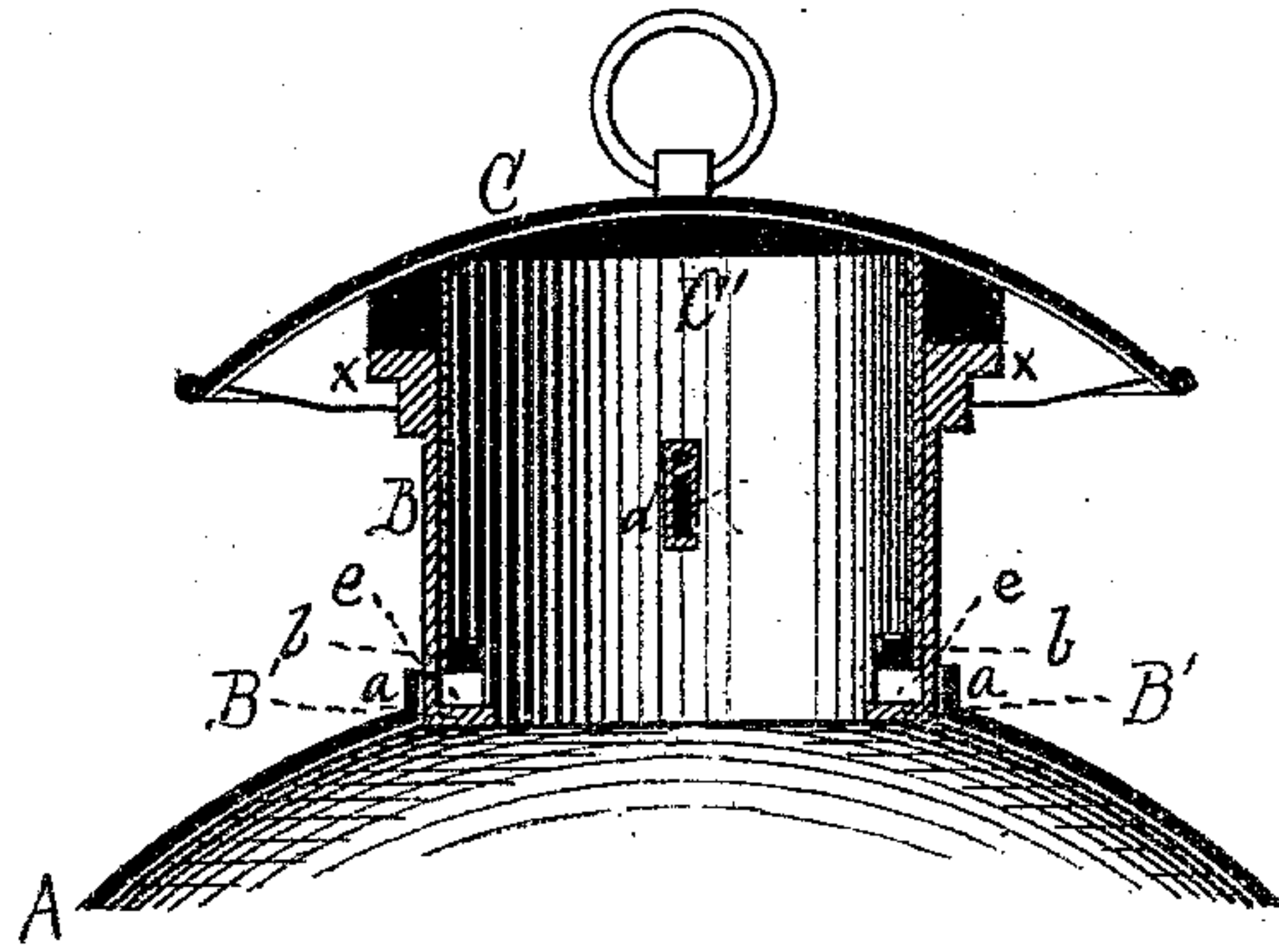


Fig. 2.

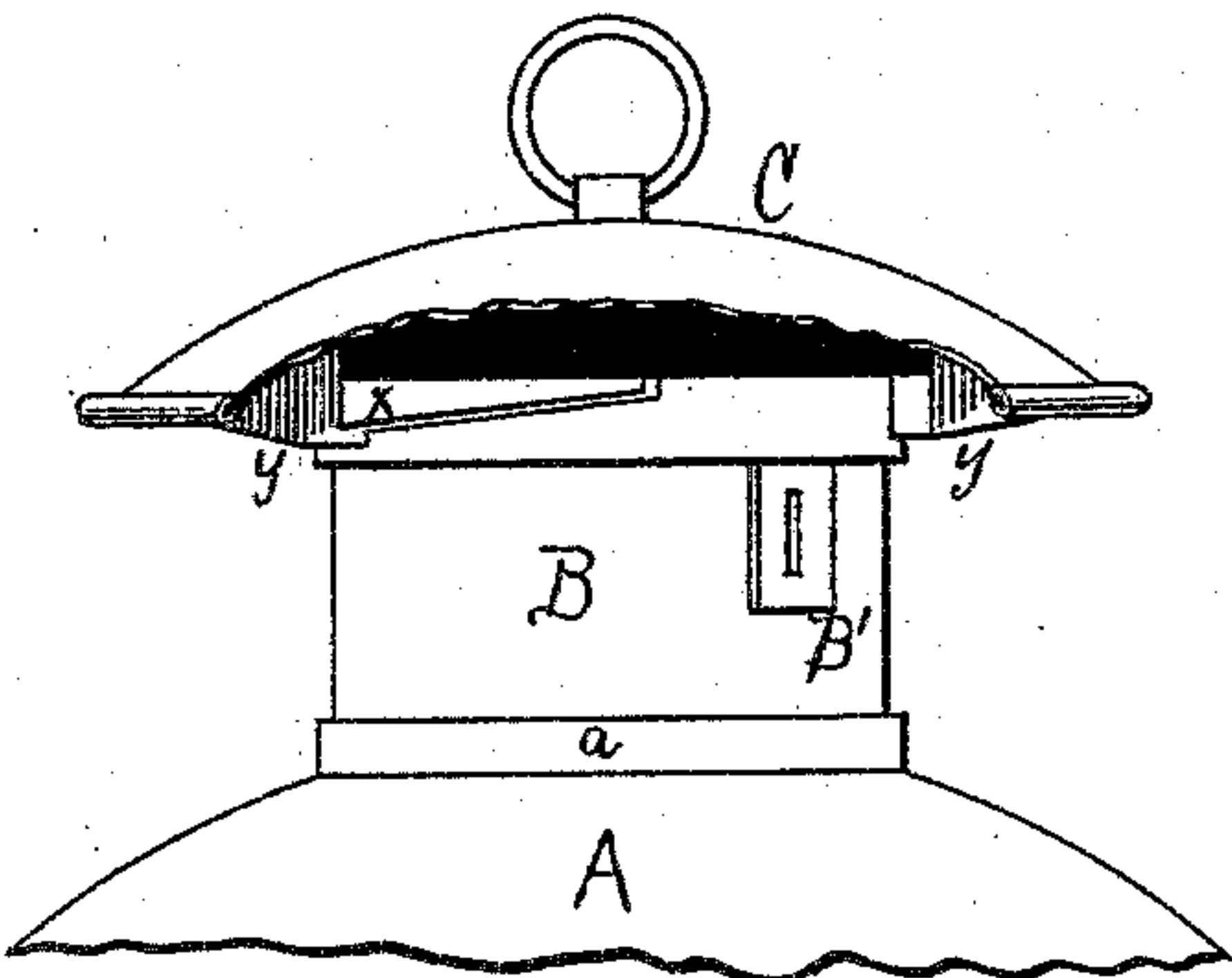
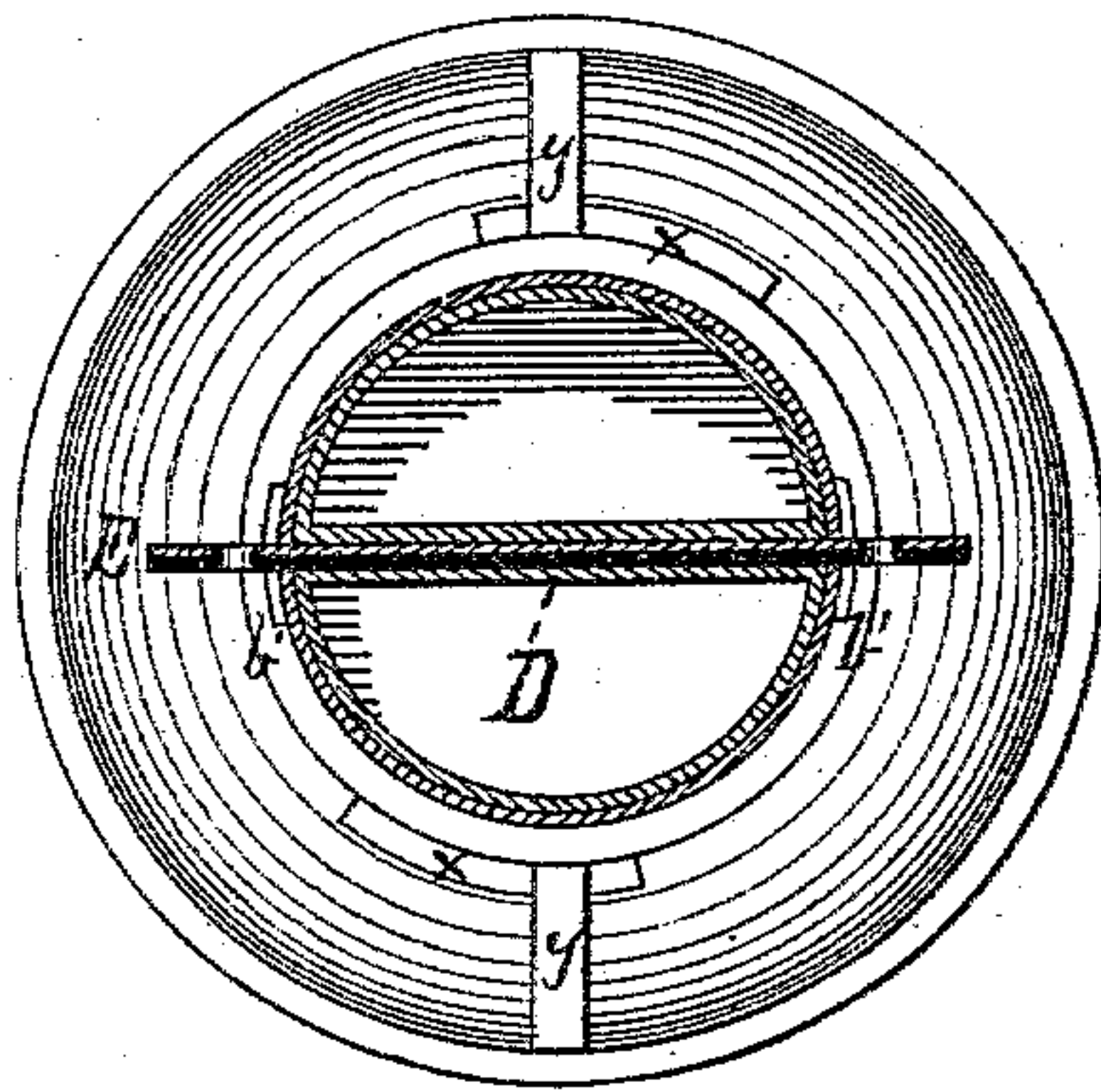


Fig. 3.



Witnesses:

Edm James.

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per J. E. J. Holmeads

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UNITED STATES PATENT OFFICE.

DURRANT BURNETT, OF BEDFORD STATION, NEW YORK, ASSIGNOR, BY
MESNE ASSIGNMENTS, TO H. W. SHEPARD AND ROBERT SEAMAN, OF
NEW YORK CITY, AND DURRANT BURNETT.

IMPROVEMENT IN LOCKING-COVERS FOR MILK-CANS.

Specification forming part of Letters Patent No. 115,697, dated June 6, 1871.

To all whom it may concern:

Be it known that I, DURRANT BURNETT, of Bedford Station, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Locking Devices for Milk-Cans; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing and the letters of reference marked thereon making part of this specification, in which—

Figure 1 is a vertical sectional view of the upper section of a can with my improvement applied. Fig. 2 is a front view of the upper section of the can, a portion of the cover being removed the better to show the means employed to secure the cover. Fig. 3 is a horizontal sectional view on the line *xx*, Fig. 1.

The object of my present improvement is to furnish an improved locking device for milk and other cans that is simple and durable in construction and most effective in use. This device not only guards the contents of the can from depredations, but also, in connection with a rubber washer or other packing, forms a perfectly tight joint between the lower section of the neck and the cover, which is most desirable.

My invention consists in constructing the neck of the can with inclined shoulders or plates and the cover with hooks or lugs, so arranged as to act in such relation to each other that after the cylinder or cup of the cover is inserted, by a partial revolution, it shall be driven in such contact with a rubber washer, secured on the inner surface of the neck, as to form a perfectly tight joint. These lugs and plates, thus arranged in connection with a lock-bar, constitute my improvement.

To enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

A represents an upper section of the milk-can breast, and *a* is the ordinary neck-flange or collar. In this collar *a* there is inserted and secured in the usual manner the neck B. This neck B terminates at its base in an annular flange or recessed shoulder, B', which

serves as a bearing-surface or support for the rubber washer or equivalent packing *e*. On the upper and outer section of the neck are two inclined shoulders or plates, *xx*, as clearly shown in Fig. 2. *b' b'* are two vertical slots, and are cut directly through the wall of the neck B. C is the cover, and is of the ordinary form, consisting of an arched or dome-shaped plate having the usual cup or tunnel cylinder C secured on its inner surface. D is a tube, and is secured in the cup or cylinder C, and directly on the line of its diameter. *d d* are vertical slots in the cup, and communicate with the tube D, and are also coincident with the slots *b' b'* of the neck when the cover is turned so as to form a tight joint. *y y* are two hooks which are secured on the under surface of the cover C, and at such relative position with the bearings or plates *xx* that they fit over the same in such manner that simply by revolving the cover they will readily travel over the same. E is a lock-bar, and when the cover is in position is inserted through the slots *b' b'*, *d d*, and tube D. Through the end of this bar there is cut a hole for a padlock or other fastening.

The operation is as follows: The washer *b* is placed on the shoulder B' and the cover placed in position, its cup or cylinder C entering the neck in the usual manner. The lower edge of the cup is now immediately above the washer, as clearly shown in Fig. 1. The cover is now partially revolved, the hooks *y y* passing down the inclines *xx*. This of course drives the cup directly in contact with the washer, and, pressing on the same, forms a perfectly tight joint between the can and cover. When the hooks *y y* reach the end of the inclines *xx* the relative position of the slots *b' b'* and the slots *d d* and tube D are such that they all communicate, which leaves an uninterrupted passage for the insertion of the bar E, which is securely fastened and locked in position.

Having thus fully described my invention, what I claim therein as new, and desire to secure by Letters Patent of the United States, is—

The tube D and bar E, the slotted neck B formed with a shoulder, B', and inclined plates *x x*, and the slotted cover C having hooks *y y* attached, when the same are so combined and arranged as to operate substantially as described.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

DURRANT BURNETT.

Witnesses:

JOS. T. K. PLANT,
EDWIN JAMES.