

(No Model.)

J. A. SEAL.
COVER FOR MILK CANS.

No. 327,325.

Patented Sept. 29, 1885.

FIG. 1.

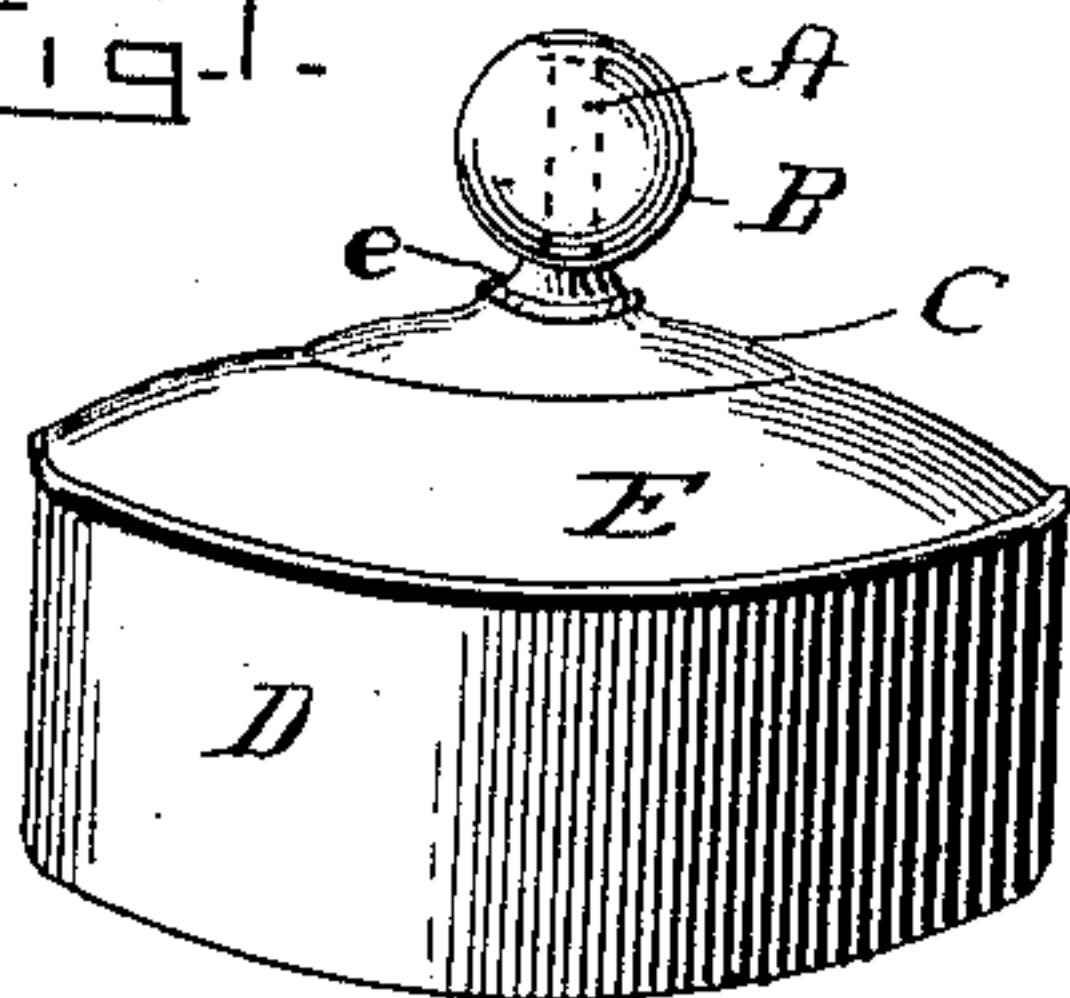


FIG. 2.

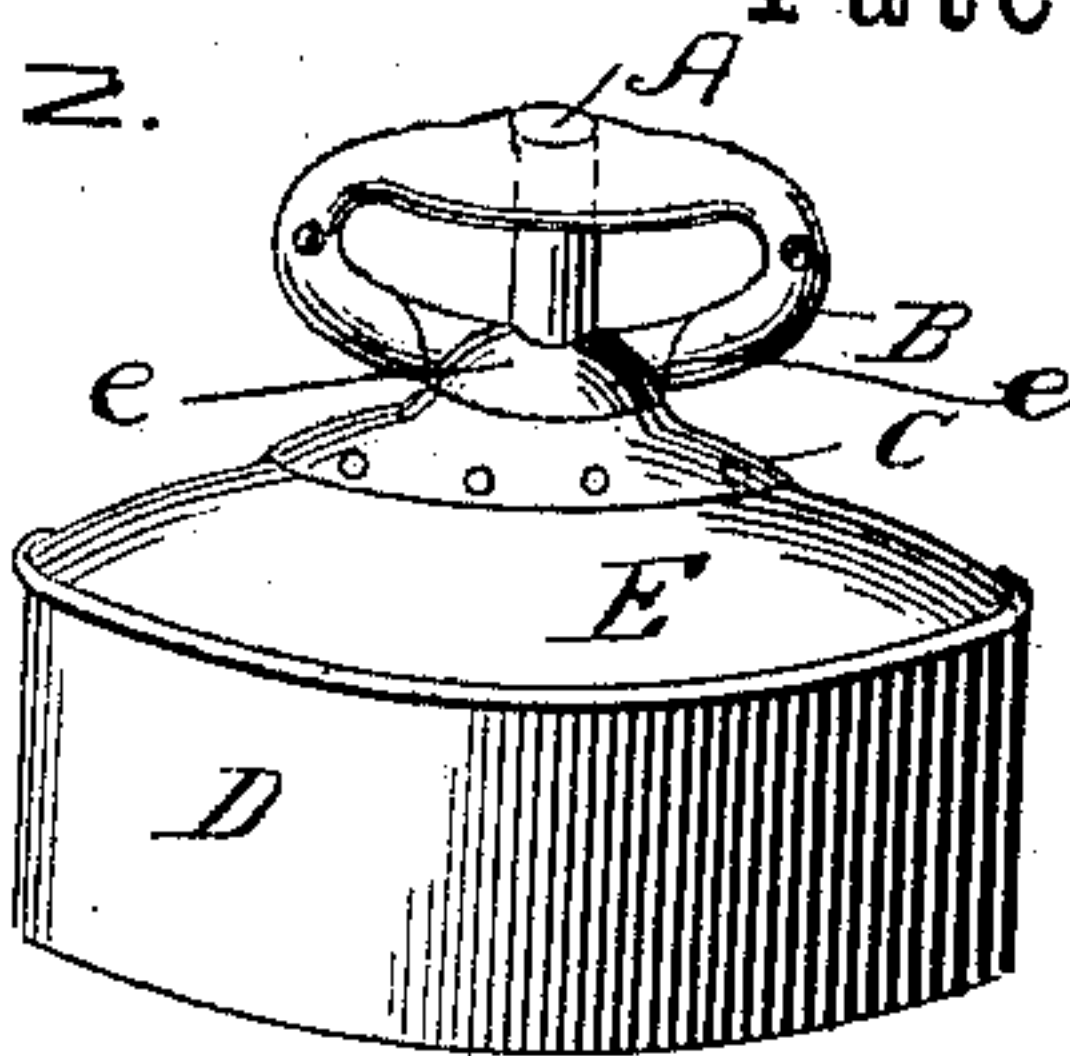


FIG. 3.

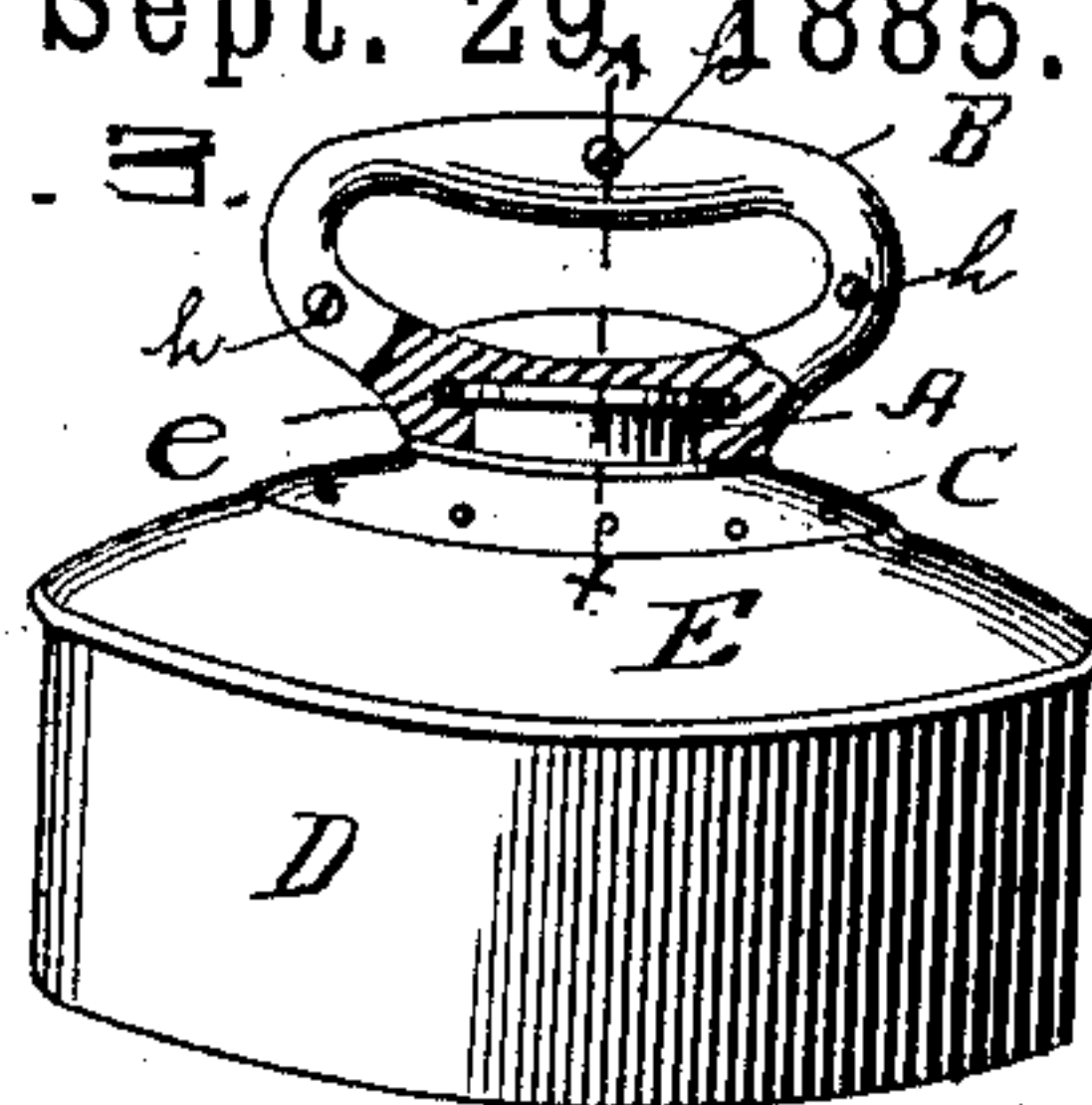


FIG. 4.

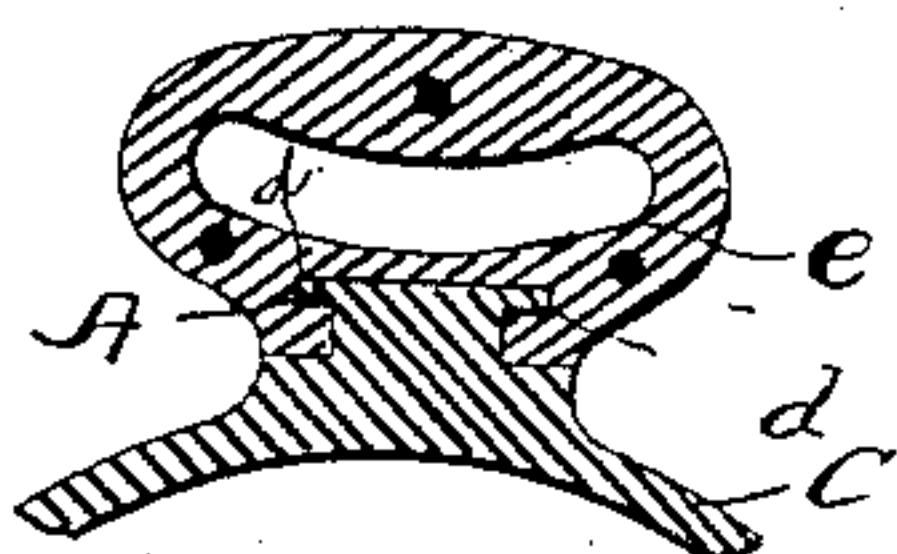


FIG. 5.

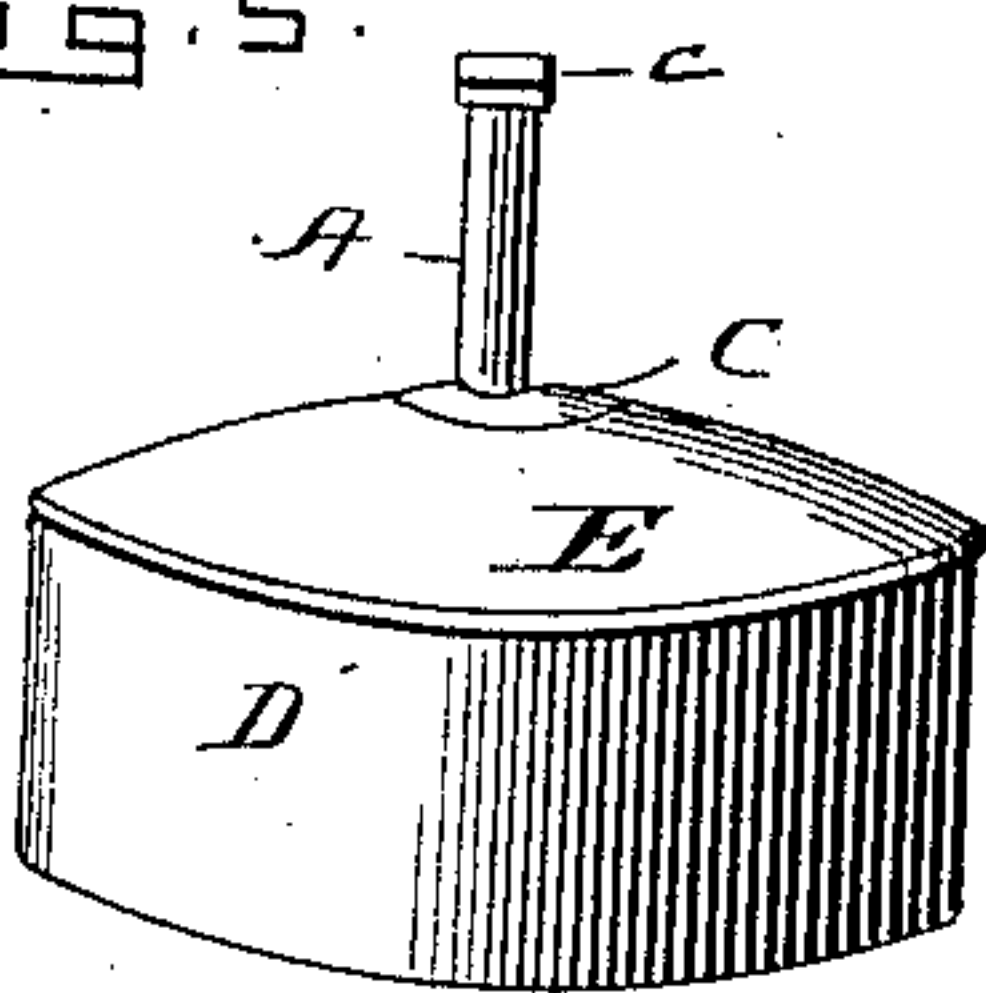


FIG. 7.

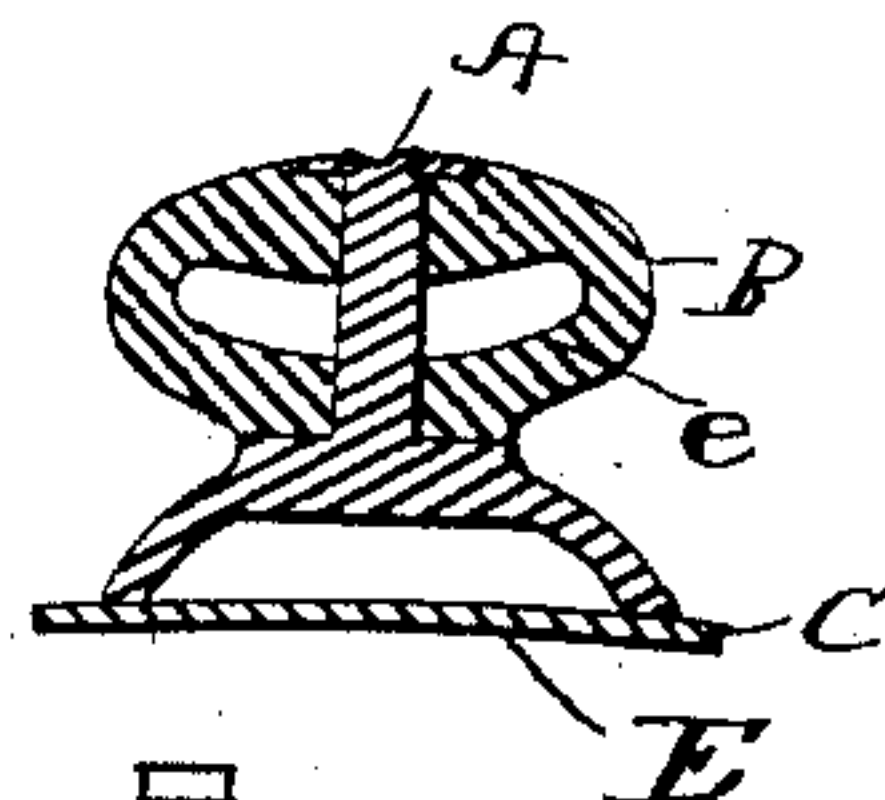


FIG. 6.

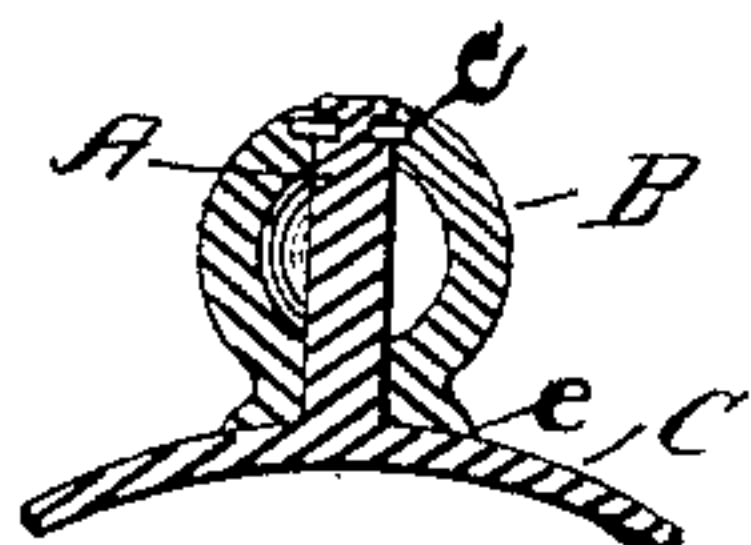


FIG. 11.



FIG. 8.

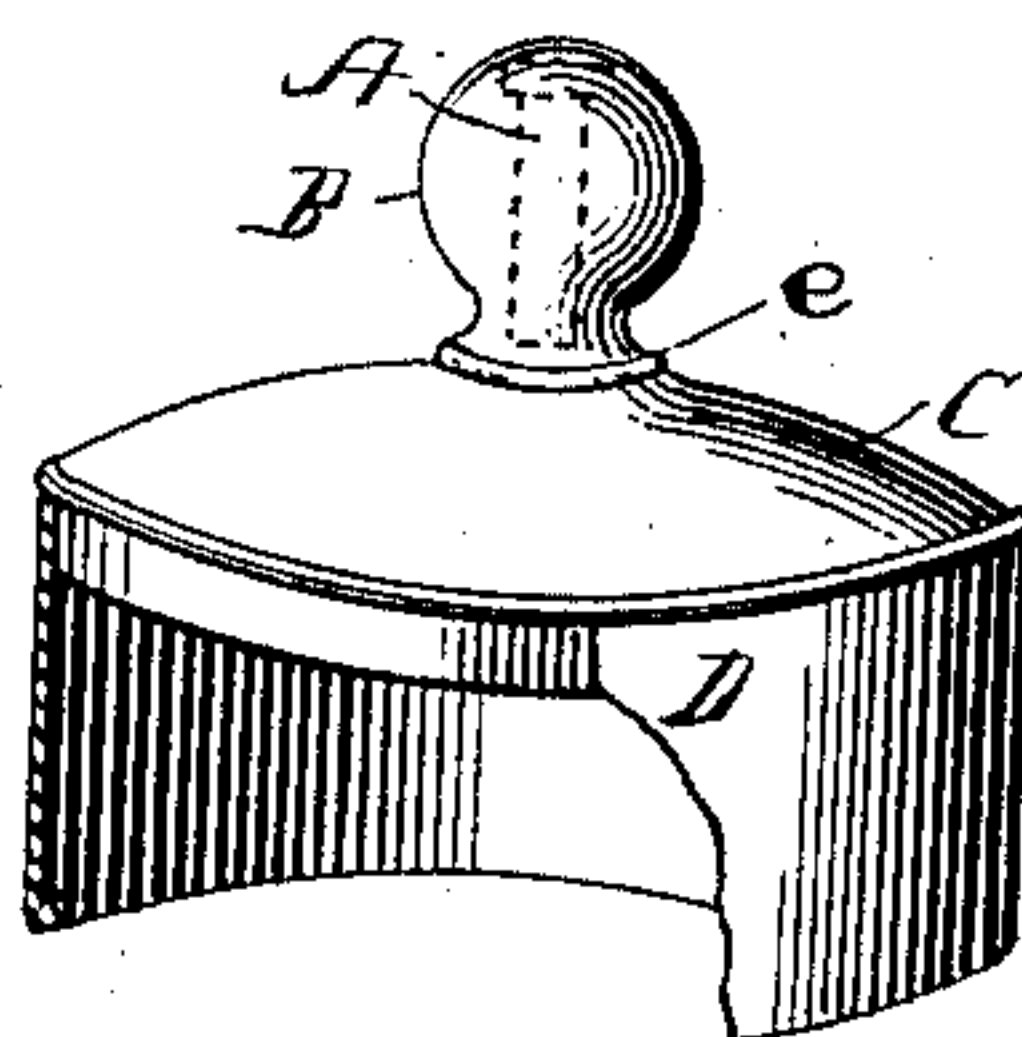
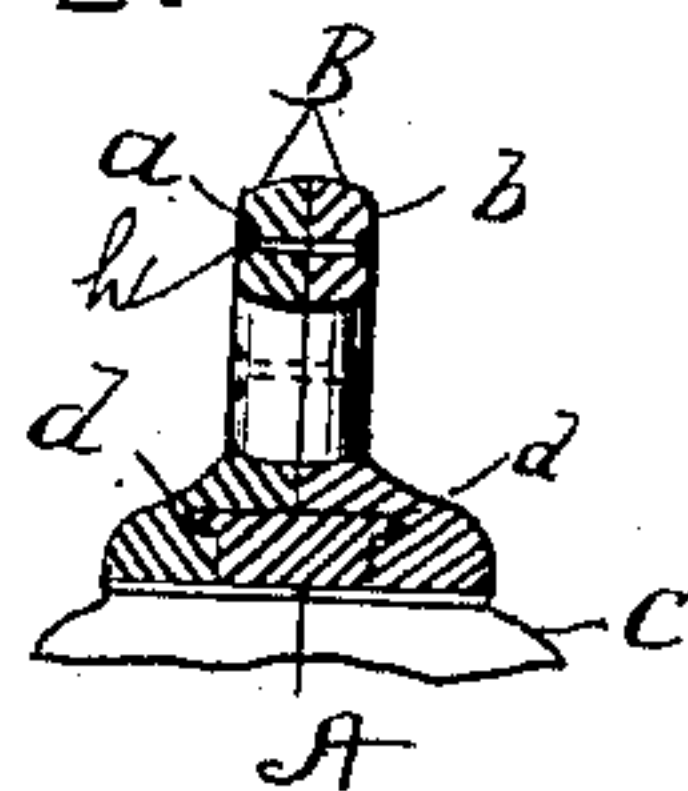


FIG. 9.



FIG. 10.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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COVER FOR MILK-CANS.

SPECIFICATION forming part of Letters Patent No. 327,325, dated September 29, 1885.

Application filed October 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOEL A. SEAL, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Covers for Milk-Cans, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to handles for can-covers; and the novelty consists in features which will now be more fully set out in the specification and in the claims.

15 The objects of the invention are to provide a more perfect milk-can cover and a pivotal handle for general use.

In the accompanying drawings, Figure 1 shows a circular handle pivoted to a pedestal, with the top of the handle extending above and beyond the pintle and the pedestal soldered to the cover. Fig. 2 shows an oval open handle secured to a pedestal, which latter is riveted to the cover. Fig. 3 shows an open oval handle with a part broken away, the lower part of which entirely conceals the pintle. Fig. 4 is a longitudinal cross-section of Fig. 3, showing one-half of the oval handle. Fig. 5 shows a pintle with a nut secured to the top and with the handle removed. Figs. 6 and 7 show modifications of the manner of securing the handles. Fig. 8 shows a handle secured to the center of the pedestal, while the pedestal forms the entire top of the cover. Fig. 9 shows a couple of cans provided with my improved pivotal tops, and a person in the act of rolling the two cans together along the floor at his sides. Fig. 10 is a cross-section on the line *xx* of Fig. 3. Fig. 11 is a cross-section of pintle and nut of Fig. 5.

40 In all of the figures, A designates the pintles, B the handles, and C the pedestals; D, the rim of the covers, and E the bodies of the cans.

In Fig. 3 I show the pintle made T-shaped at the top and provided with a head or enlargement, the outer edges of which fit into corresponding recesses, *d*, in the segments of the handle.

50 If a pintle is used which is so long that it will extend beyond the top of the handle, it should be smoothly riveted and headed.

If the pintle shown in Figs. 3 and 4 be used, and the handle be made to conceal the pintle,

the handle may be made in two sections, *a* and *b*, as shown in Fig. 3, and the sections provided with grooves *d* and secured together by screws 55 or rivets *h*, or in any suitable manner. They might be soldered together.

It will be observed that in Figs. 1 and 8 I show the handles provided with an enlarged base or hand-guard, *e*. This guard, as well as 60 the guards on the handles shown in the other figures, keeps the hands from rubbing against the pedestal as the can is revolved, which is of importance in this connection, as the fingers or part of the hand which would be likely to 65 come in contact with the pedestal at that point would soon become worn and sore.

In Figs. 5 and 6 I show a nut or washer, *c*, which is designed to be screwed or slipped over the pintle to prevent wear of the handle 70 at that point.

By making the bottom of the pedestal oval or concave it will readily fit ordinary convex covers.

I accomplish one object of my invention by 75 attaching a pivotal handle directly to the top of the center of the can-cover. I accomplish another object of my invention by forming this handle on a flat piece of metal, which may be readily secured to the top of an ordinary milk- 80 can cover. This piece of metal, which for convenience I will term a "pedestal," may be soldered to the top of a cover; or it may be riveted to the top, provided the heads of the rivets are soldered in to prevent leakage. 85

I accomplish another object of my invention by making the handles of such size and shape, and by so securing them to the covers, as will make it an easy matter for a person to hold one in either hand and roll the cans along at 90 his side.

From the foregoing it will be seen that the handles will not be liable to bend the top of the can or tear it out, and that much time and labor are saved, and that much less room would 95 be required by men in removing a lot of cans provided with my handles from a car or platform than would be necessary where cans which have the old handles are used, and where each can requires a man's entire attention. 100

Again, all accumulation of moldy and sour milk and grease at that point inside of the can where the handle is secured is avoided, as the cover is virtually imperforate.

Where dairymen desire to employ this pivotal handle, they may readily do so by removing the ordinary fixed handle and securing this pedestal and handle by soldering (or otherwise, as may be desired) to their old cans.

It will readily be observed that by my construction no dirt or external grease can get into the can, as would be the case in a can where the revolving handle came into contact with the contents of the can. This feature is of prime importance in this case.

I am aware that a can-cover has been made with a hole in the top to receive an enlargement of the pintle of a swiveled handle, which might be grasped with one hand and held rigidly while the can was rolled; but this pintle was simply provided on its inner end with an enlargement to prevent it from being pulled out, and in that cover the pintle was not provided with an enlarged base which was secured to the can.

I am not aware, however, that a handle which might be readily and easily grasped by and held in either hand has ever been made and attached to a pedestal like mine in such a manner as to prevent the milk from coming into contact with the pivotal handle.

What I therefore desire to secure by Letters Patent, and what I do claim, is—

1. An imperforate milk-can cover provided with a pintle, A, in combination with a handle having the hand-guard e, formed to engage the pintle and rotate thereon independent of the rotation of the can while the latter is being rolled on the ground, substantially as set forth.

2. The combination of a milk-can, an imperforate cover, to the top of which is rigidly secured a pedestal having a rigid pintle, and a handle adapted to rotate freely on the pintle

independent of the rotation of the can as the latter is rolled along on the ground, substantially as set forth.

3. The combination of a milk-can with an imperforate cover, to the center of the top of which, in direct line with the center of the bottom of the can, is attached a pintle, and a revolving handle to turn on said pintle and rotate freely thereon independent of the rotation of the can while the latter is being rolled along the ground, substantially as set forth.

4. The combination of an imperforate cover and a pintle having a head or enlargement at its outer end and rigidly secured to the center of the top of said cover, with a handle swiveled on said pintle, and constructed to fit over and entirely conceal said pintle and head or enlargement, substantially as described, and for the purposes set forth.

5. A milk-can cover having attached thereto a pintle which is provided with a concave pedestal and a pivotal handle.

6. As an article of manufacture, a handle for cans, comprising a pintle, A, having an imperforate pedestal, C, adapted to be secured to a can-cover, and a pivotal hand-grasp, B, provided with a hand-guard between the portion to be grasped by the hand and the pedestal, as and for the purposes set forth.

7. As an article of manufacture, a pedestal, C, having a concave bottom, and a pivotal handle, B, provided with the enlargement e at its base, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JOEL A. SEAL.

Witnesses:

JOHN BIGELOW,
LISLE STOKES.