

No. 711,100.

Patented Oct. 14, 1902.

C. M. DRAVO & T. B. MILLER.

CAN COVER.

(Application filed Dec. 19, 1901.)

(No Model.)

Fig. 1.

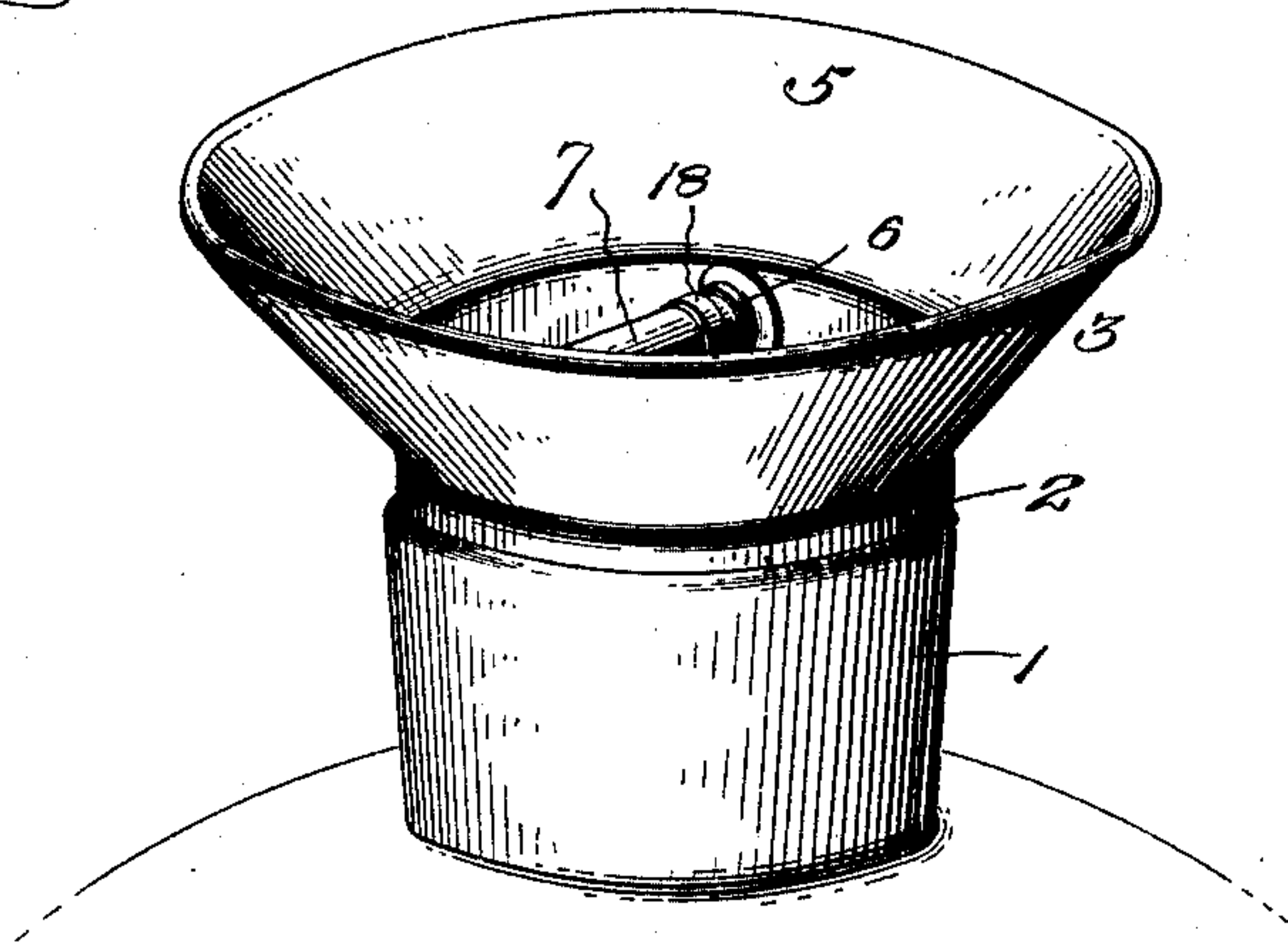
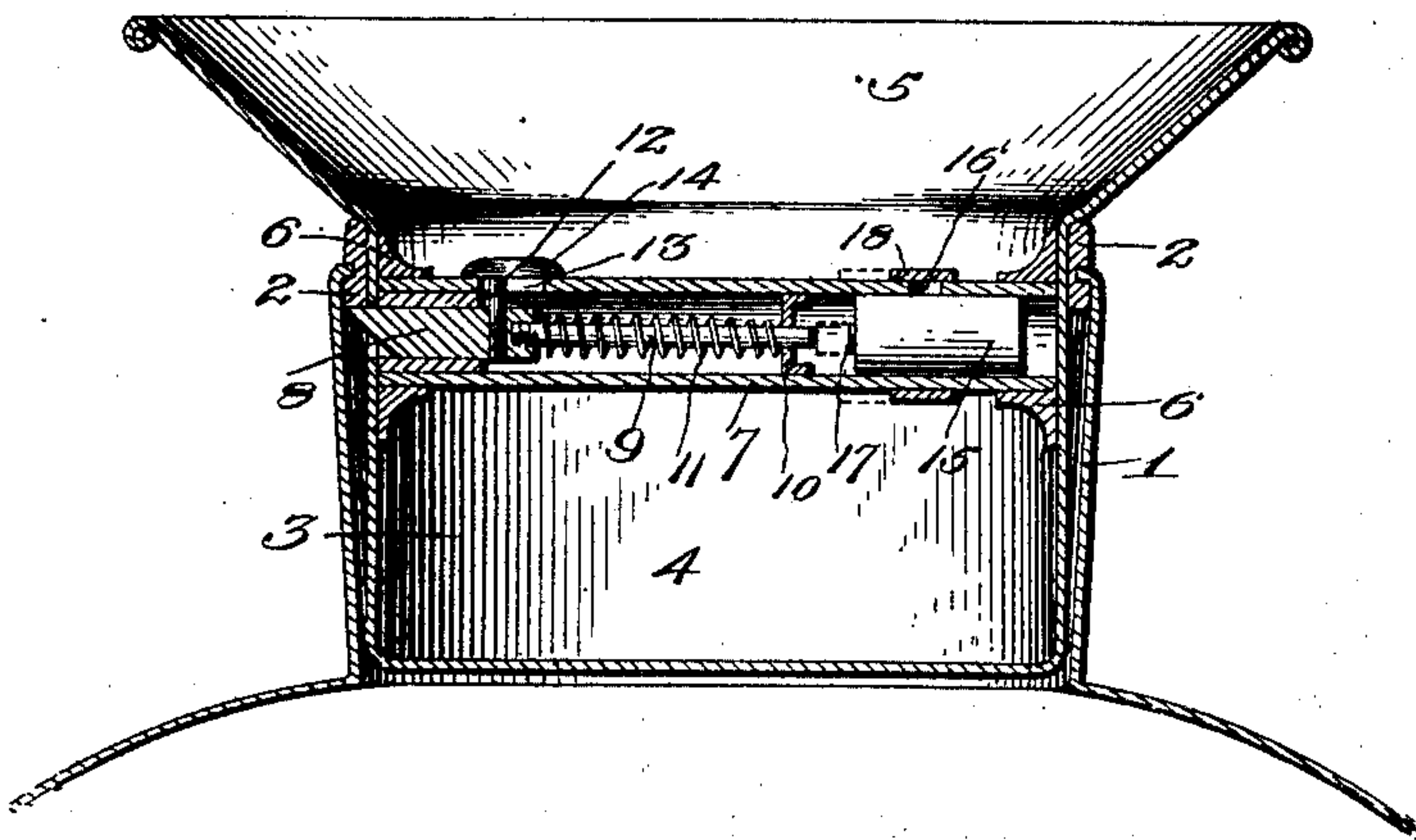


Fig. 2.



Inventors

C. M. Dravo,
T. B. Miller.

Witnesses
C. E. Hunt,
D. M. Cook

By

A. B. Wilson & Co.

Attorneys

UNITED STATES PATENT OFFICE.

CHARLES M. DRAVO AND THOMAS B. MILLER, OF McKEESPORT,
PENNSYLVANIA.

CAN-COVER.

SPECIFICATION forming part of Letters Patent No. 711,100, dated October 14, 1902.

Application filed December 19, 1901. Serial No. 86,562. (No model.)

To all whom it may concern:

Be it known that we, CHARLES M. DRAVO and THOMAS B. MILLER, citizens of the United States, residing at McKeesport, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Can-Covers; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to can-covers, and more particularly to covers for milk-cans.

The object of the invention is to provide a cover of this character which shall be simple of construction, durable in use, and comparatively inexpensive of production, and means for securely locking the cover to the vessel with which it is used, whereby the vessel may be shipped or stored without danger of having its contents surreptitiously removed, the locking mechanism being inclosed within the handle which affords means for moving the can from one place to another.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a perspective view of the upper portion of a milk-can, illustrating our invention; and Fig. 2 is a longitudinal sectional view.

Referring to the drawings, 1 denotes the neck of the milk or other can, having secured to its upper end within the mouth of the neck a rigid ring 2.

3 denotes the can-cover, which consists of the cylindrical portion 4 and flaring portion 5. Secured at diametrically opposite points to the inner wall of the cylindrical portion 4 of the cover are brackets or lugs 6, in which are securely fitted the ends of a tubular handle 7. Located within the handle is a bolt 8, which is adapted to be shot under the lower edge of the ring 2 and hold the cover in position. This bolt is provided with a stem 9, which is guided by a bracket 10 and has coiled upon it a spring 11, which is confined between the head of the bolt and the bracket

and exerts its energy to hold the head of the bolt in locked engagement with the ring 2. A pin 12 has a screw-threaded connection with the head of the bolt and projects upwardly through a longitudinal slot 13, formed in the tubular handle, and is provided with a head 14, which when the cover is locked to the neck of the can entirely covers the slot 13, and thereby excludes rain, snow, and other foreign matter from the interior of the handle. When it is desired to remove the cover from the can, the head 14 is moved inwardly, thus disengaging the head of the bolt from the ring 2 and permitting the withdrawal of the cover from the neck of the can.

In the transportation of milk or in the storage of the same it is oftentimes desired to seal the cans to prevent persons from removing the contents thereof, and it is one of the objects of the present invention to provide a lock whereby after the bolt has been shot into engagement with the ring 2 it may be locked in that position, and thus prevent any person other than he who is provided with a key from removing the cover. This lock may be of any approved or desired construction and is conventionally represented in Fig. 2 at 15. The tubular handle is provided with a keyhole 16, through which a key may be inserted for operating the lock. When the bolt 17 of the lock is shot, it will be within the path of movement of the inner end of the stem 9, and thus prevent the movement of said stem, so that it will be impossible for a person to retract the bolt 8 by the head 14 unless the lock is first unlocked. To exclude dust, snow, and rain from the lock, we provide a split band or ring 18, which slides upon the tubular handle over the keyhole therein.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of our invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

Having thus described our invention, what

we claim, and desire to secure by Letters Patent, is—

1. A can-cover, consisting of a cylindrical portion open at one end and closed at the other, a handle or grasp located within and extending across the cylindrical portion and fixed thereto, of a spring-actuated bolt inclosed within said handle or grasp and adapted to be shot through an opening in the side of the cover and engaged with the neck of the can to lock the cover in position, substantially as set forth.

2. A can-cover provided with a tubular handle or grasp having a longitudinal slot, a spring-actuated bolt inclosed within said tubular handle or grasp, a pin connected to said bolt and projecting through the longitudinal slot, and a head secured to said pin and covering said slot when the bolt is in locked position, substantially as set forth.

3. A can-cover provided with a tubular han-

dle or grasp, a spring-actuated bolt located within said handle or grasp, and a lock located within said handle or grasp and adapted to lock said bolt against movement, substantially as set forth.

4. The combination with the neck of a can provided with a ring, of a chambered can-cover provided with a tubular handle or grasp secured to the interior walls thereof above the bottom of the cover, and locking means located within said handle or grasp and adapted to engage said ring, substantially as set forth.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

CHARLES M. DRAVO.
THOMAS B. MILLER.

Witnesses:

H. E. GORDON,
MARK MCFARLAND.