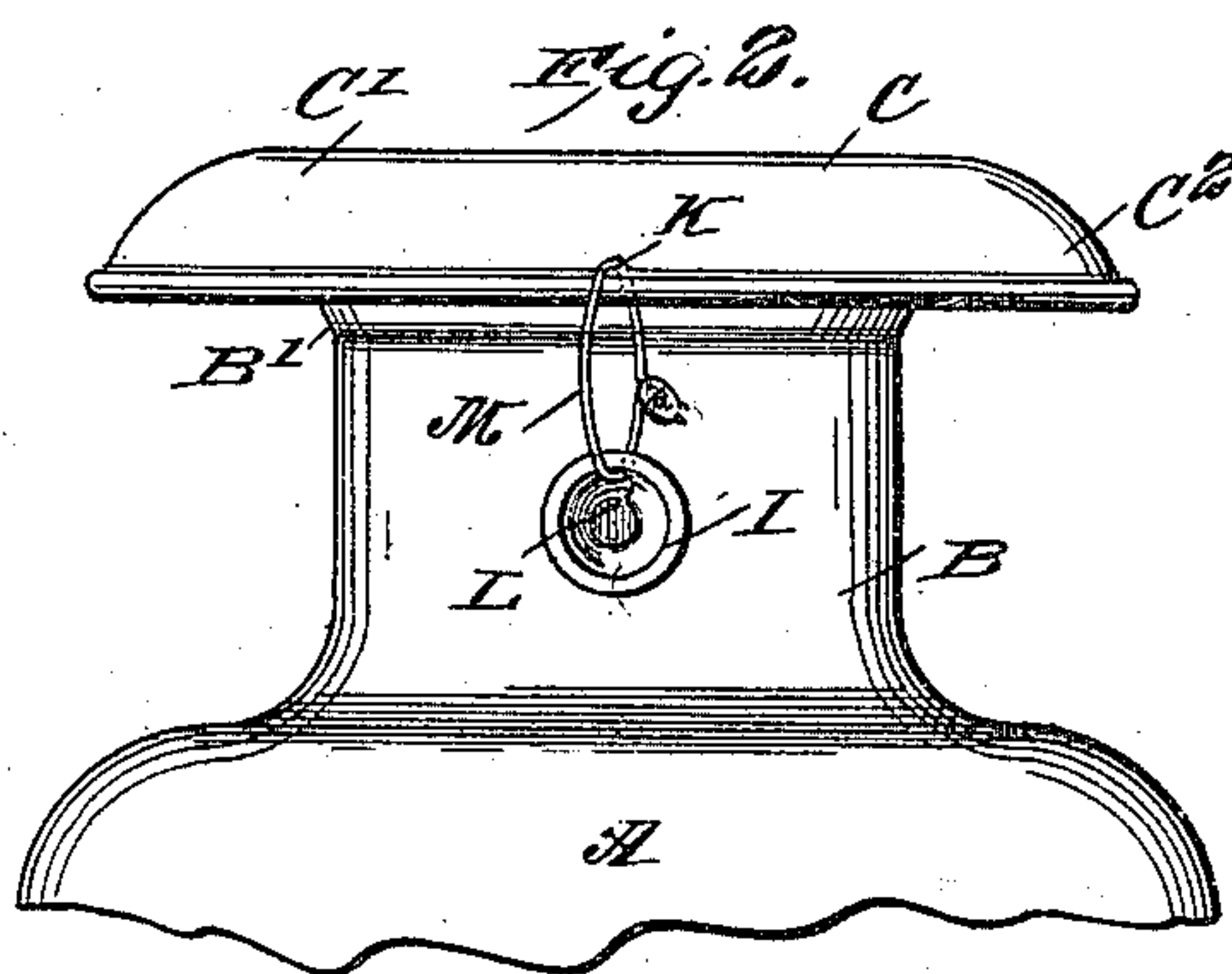


MILK CAN.

964,385.

Patented July 12, 1910.



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MILK-CAN.

964,385.

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To all whom it may concern:

Be it known that I, ANDREW M. BROOKS, a citizen of the United States, and a resident of Cherry Valley, in the county of Otsego and State of New York, have invented certain new and useful Improvements in Milk-Cans, of which the following is a specification.

This invention is an improvement in milk cans and particularly in the closures thereof and has for an object to provide novel constructions for securing the cover in place, for preventing the contents of the can from slopping out past the cover and for sealing the cover in closed position; and the invention consists in certain novel constructions and combinations of parts as will be more fully described and claimed hereinafter.

In the drawing Figure 1 is an elevation, partly in section of the upper portion of a can provided with my improvements. Fig. 2 is an elevation of the upper portion of the can.

The can A may, in general respects, be of ordinary construction and has the neck B formed with the flaring top B'.

The cover C has a top plate C' extending at C² forming an annular flange which projects outwardly beyond the upper end B' of the neck B and the cover and also has the depending tubular portion D provided on its outer side with an annular bead D' which seats within the flaring upper end B' at the lower end thereof, as shown in Fig. 1, and tends to prevent the contents of the can from slopping out past the cover. Below the bead D', the cover is corrugated at D² forming the annular circumferential groove D³ in its outer side which cover D³ is entered by the point of the screw E when the latter is turned home, as shown in Fig. 1, to lock the cover in the neck of the can. This screw E turns through a nut F secured to the outer side of the neck B of the can and also turns in a threaded bearing at G' in the outer end of the conical housing G whose base at G² is fixed to the neck B of the can and whose outer end or apex is provided with the bearing G', as shown in Fig. 1.

The screw E is provided within the housing G with a nut or projection H in fixed relation to the screw E and operating as a stop to limit the movement of the screw in both directions as will be understood from Fig. 1 of the drawing. At its outer end the

screw E is provided with a knob or handle I by which it may be turned and with an inwardly projecting conical skirt-like portion J which fits upon and closely embraces the outer end of the conical housing G when the screw is turned home to lock the cover in the neck of the can as shown in Fig. 1. This skirt portion J operates to guide the screw as it is turned home and braces the juncture of the knob like portion I with the threaded portion of the screw as will be understood from Fig. 1 of the drawing.

The cover flange C² is perforated at K and the knob I is perforated at L for the reception of a wire M as shown in Fig. 1 which may be fastened by a seal 6 so the can can be conveniently wired and sealed.

I claim:

1. A milk can having its neck provided at its upper end with an outwardly flared portion and having below said flared portion a threaded bearing and surrounding the same on the outside of the neck a conical housing whose base is secured to the can neck and whose apex is provided with a threaded bearing in alinement with that of the neck, a screw operating in said bearings and having between the same a stop projection, a head on the outer end of the screw and having a knob portion and a skirt portion which latter is conformed to the housing, said head portion being perforated for the passage of a sealing wire and a cover having a top plate extending beyond the flared portion of the neck and perforated for the passage of a sealing wire, and a depending tubular portion fitting in the neck of the can and having an annular bead seating at the base of the flared portion of the neck and provided below said bead with an annular groove for the reception of the point or inner end of the screw, substantially as set forth.

2. A can substantially as described provided with a neck having a threaded bearing and a conical housing surrounding the same, a screw operating in the threaded bearing and provided with a head having a conical skirt conformed to the housing and a cover having a portion fitting in the neck of the can and having a seat for the inner end or point of the screw, substantially as set forth.

3. A can neck provided on its outer side with a conical housing and within the same with a screw whose point is adapted to protrude into the neck, and a head on said screw

and having a conical skirt-like portion conformed to the housing on the neck, substantially as set forth.

4. A can having its neck provided with a threaded bearing and with a screw operating therein and a cover having a depending tubular portion fitting within the neck of the can and provided with a seat for the inner end or point of the screw, substantially as set forth.

5. The combination of a can neck, a cover having a portion fitting therein and provided with a seat having a fastening screw, a screw having a threaded connection with the can neck and projecting at its point into engagement with the seat of the cover and locking means between the screw and the cover, substantially as set forth.

6. The improvement in cans herein described, comprising a can neck provided with a seat having a fastening screw, a cover having a portion fitting therein, and a screw having a threaded connection with the can neck and projecting at its point into engagement with the seat of the cover, substantially as set forth.

7. The combination with a can neck, and a cover having a portion fitting therein, of a screw for fastening the cover portion in the neck and locking means between the cover and the screw for holding the latter from turning, substantially as set forth.

ANDREW M. BROOKS.

Witnesses:

FRED S. BRIEN,
SETH PEARSON.