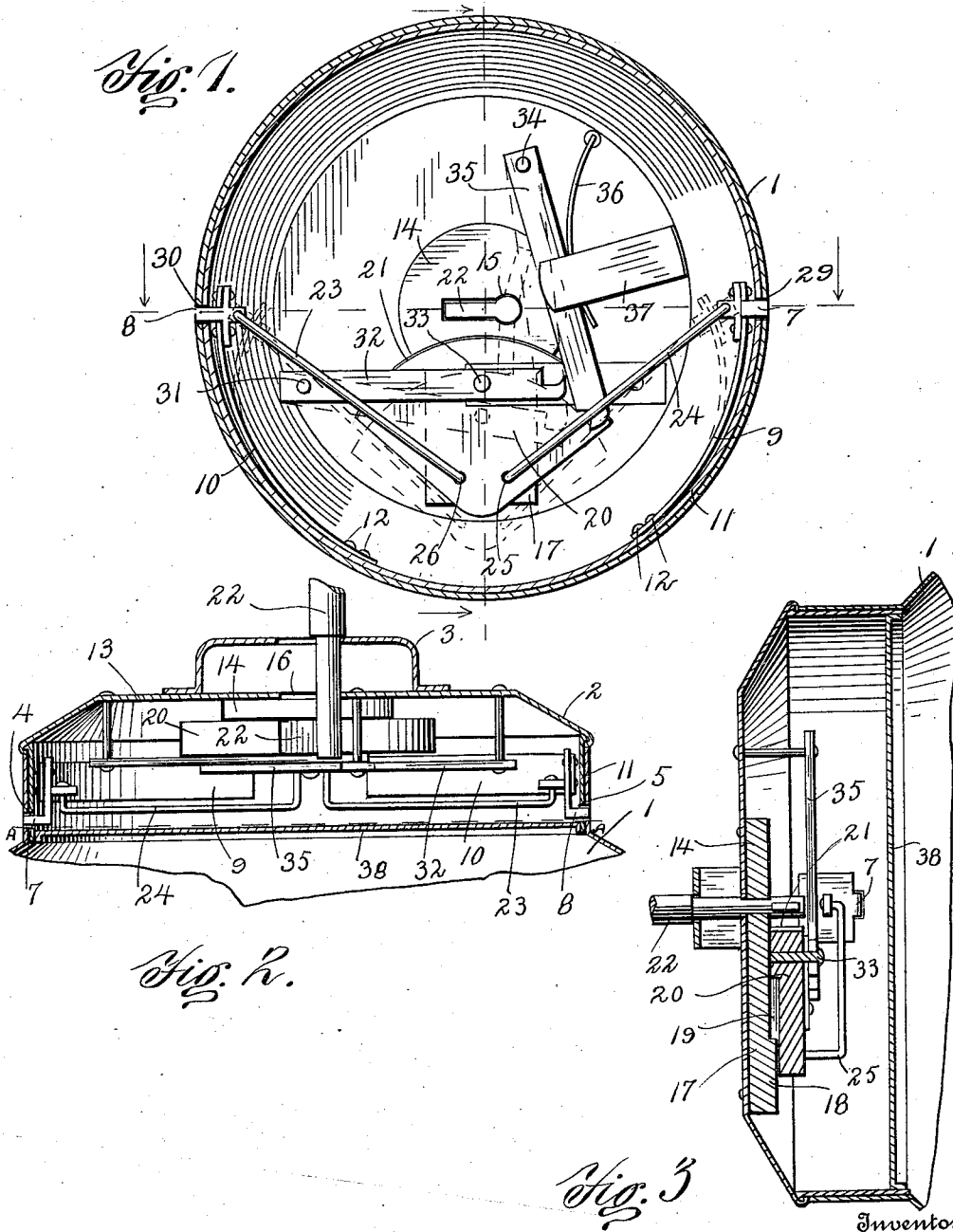


P. O. KETLER.
MILK CAN LOCK.
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1,019,052.

Patented Mar. 5, 1912.



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By

UNITED STATES PATENT OFFICE.

PERRY O. KETLER, OF NEW WATERFORD, OHIO.

MILK-CAN LOCK.

1,019,052.

Specification of Letters Patent.

Patented Mar. 5, 1912.

Application filed April 18, 1911. Serial No. 621,881.

To all whom it may concern:

Be it known that I, PERRY O. KETLER, citizen of the United States, residing at New Waterford, in the county of Colum-
biana and State of Ohio, have invented certain new and useful Improvements in Milk-Can Locks, of which the following is a specification.

This invention relates to improvements in a device for locking a top to a milk can or the like and the object of the invention is to provide a means by which the top of a milk can may be quickly and securely locked thereto.

Another object of the invention is to provide a spring lock on a can top by means of which the top may be instantly locked to the can.

With the above and other objects in view, I have invented the device illustrated in the accompanying drawings in which,

Figure 1 is a sectional view taken on line A—A of Fig. 2 and Fig. 2 is a vertical sectional view through the upper portion of the can and its top, the locking mechanism being shown in elevation. Fig. 3 is a vertical section taken on line B—B Fig. 1.

Referring to the accompanying drawings 1 is a milk can having a top 2 provided with a handle 3. The can 1 has oppositely disposed openings 4 and 5 near the upper portion of its mouth 6, into which the lock bolts 7 and 8 slip when the top is put on the can. The lock bolts are secured to springs 9 and 10, which are secured to the wall 11 of the can top by rivets 12.

Fastened to the top plate 13 of the can top is a disk member 14 having a key hole 15 which alines with the key hole 16 of the plate 13. The member 14 is provided with an extension 17 having a tongue 18 which fits into a groove 19 in the member 20 and directs the horizontal movement of that member, the edge 21 of which is arcuate and smooth whereby a key 22 may slide thereon and force the member 20 away from the center causing the arms 23 and 24, having their ends 25 and 26 secured thereto, and their ends secured to the springs 9 and 10 to draw said springs centerward thereby drawing the lock bolts 7 and 8 out of the openings 4 and 5 and 29 and 30 of the wall 11 of the top; thus permitting the top to be removed from the can.

Pivottally mounted on a post 31 is a catch bar 32 which is pivottally secured at 33 to

the member 20 and mounted on the post 34 is a latch member 35 actuated by a spring 36 which is adapted to engage the catch bar 32 when the member is pressed back by the key and hold said member 20 in a position away from the center thus keeping the lock bolts withdrawn from the openings in the can and top. When the key is inserted in the key hole and given a turn it engages the latch 35 and disengages it from the catch 32, thus permitting the slide member 20 to come centerward and the lock bolts to enter the openings and lock the top onto the can. A plate 37 projecting from the wall 11 is adapted to hold the spring 36 and the latch 35 in proper position. The plate 38 is adapted to keep the contents of the can 1 away from the locking mechanism.

I claim and desire to secure by Letters Patent:—

1. A locking can top comprising bolts adapted to pass through openings in said can and top, springs adapted to actuate said bolts, a sliding member adapted to actuate said bolts, and to be actuated by said springs, arms connecting said member and said springs.

2. A locking can top comprising bolts adapted to pass through openings in said can and top, springs adapted to actuate said bolts, a sliding member adapted to actuate said bolts and to be actuated by said springs, arms connecting said member and said springs, said member adapted to be actuated by a key.

3. A locking can top comprising bolts adapted to pass through openings in said can and top, springs adapted to actuate said bolts, a sliding member adapted to actuate said bolts, and to be actuated by said springs, arms connecting said member and said springs, said member adapted to be actuated by a key, means for holding said bolts out of locking engagement with said can.

4. A locking can top comprising bolts adapted to pass through openings in said can and top, springs adapted to actuate said bolts, a sliding member adapted to actuate said bolts, and to be actuated by said springs, arms connecting said member and said springs, said member adapted to be actuated by a key, means for holding said bolts out of locking engagement with said can, said means consisting of a catch member secured to said sliding member.

5 A locking can top comprising bolts adapted to pass through openings in said can and top, springs adapted to actuate said bolts, a sliding member adapted to actuate
5 said bolts and to be actuated by said springs, arms connecting said member and said springs, said member adapted to be actuated by a key, means for holding said bolts out of
10 locking engagement with said can, said means consisting of a catch member secured to said sliding member, a latch adapted to engage said catch.

15 6. A locking can top comprising bolts adapted to pass through openings in said can and top, springs adapted to normally force said bolts outwardly, a sliding member adapted to actuate said bolts and to be actuated by said springs, said member

adapted to be actuated by a key, means for holding said bolts out of locking engagement 20 with said can, said means consisting of a catch member secured to said sliding member, a latch adapted to engage said catch, said latch being spring operated, a key adapted to throw said latch out of engage- 25 ment with said catch, a groove in said sliding member, a member having a tongue therein adapted to engage said grooves and direct the movement of said sliding member.

In testimony whereof I affix my signature 30 in presence of two witnesses.

PERRY O. KETLER.

Witnesses:

HARVEY SHOOFF,
PERRY KETLER, Jr.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."