C. H. TAYLOR.

LUBRICATOR.

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**1,217,663.**

Patented Feb. 27, 1917.

Fig. 1.

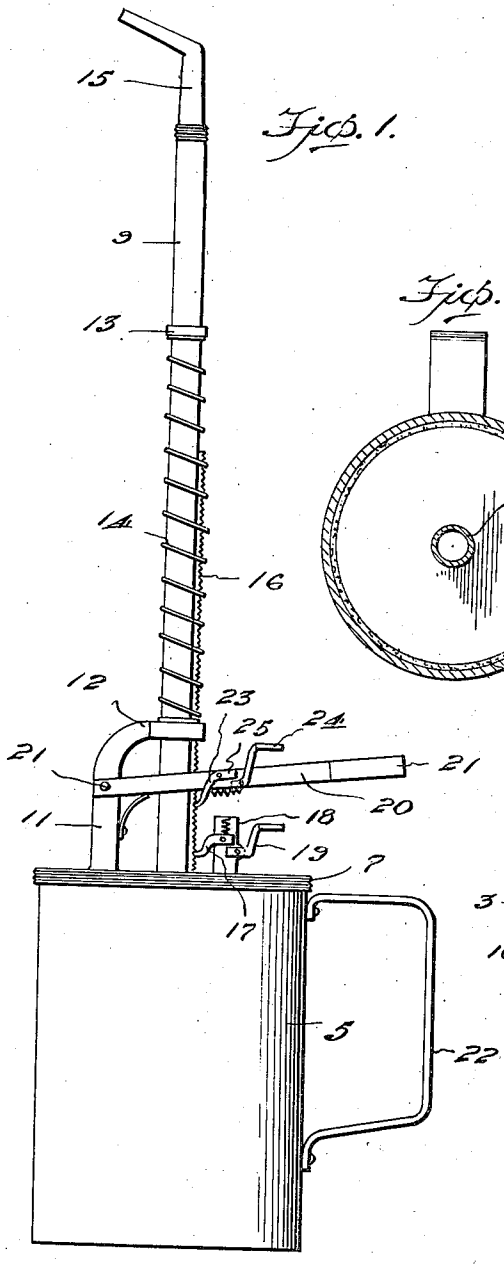
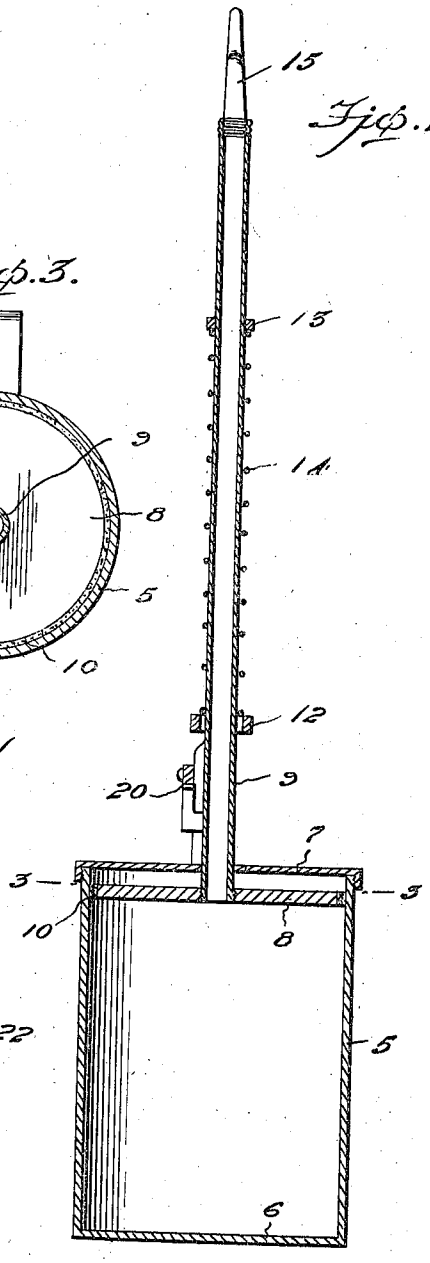



Fig. 3.




Fig. 2.




Witnesses

Paul M. Hunt Jr.

Chas. Sedgwick

Inventor

C. H. Taylor.

By C. H. Sedgwick, Jr.,

Attorney

# UNITED STATES PATENT OFFICE.

CHARLES H. TAYLOR, OF SILETZ, OREGON.

## LUBRICATOR.

1,217,663. Specification of Letters Patent. Patented Feb. 27, 1917.

Application filed March 1, 1915. Serial No. 11,278.

*To all whom it may concern:*

Be it known that I, CHARLES H. TAYLOR, a citizen of the United States, residing at Siletz, in the county of Lincoln and State of Oregon, have invented certain new and useful Improvements in Lubricators; and I do hereby 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.

This invention relates to lubricators and more particularly to a lubricator embodying means for forcibly ejecting the contents of the container.

The invention has for its object to provide a lubricator of novel and efficient construction embodying a cylindrical lubricant container receiving a slidable follower or piston having a central aperture receiving a spout or nozzle through which the contents of the container is ejected.

Another object of the invention is the provision of a lubricator of the character described including means for automatically returning the follower and spout to initial position and novel and efficient means associated with the spout for actuating the follower.

With these and other objects in view, the invention consists in the novel construction, arrangement and formation of parts as will be hereinafter specifically described, claimed and illustrated in the accompanying drawing, in which:

Figure 1 represents a side elevation of the lubricator.

Fig. 2 represents a longitudinal sectional view at right angles to the plane of Fig. 1.

Fig. 3 represents a transverse sectional view on the line 3—3 of Fig. 2.

Referring to the drawing in detail, wherein similar reference numerals designate corresponding parts throughout the several views, the numeral 5 indicates a container of cylindrical formation having a bottom 6 and an open upper end adapted to be closed by a removable cap or cover 7. A piston or follower 8 is slidably mounted in the cylindrical container 5 and is formed with a central internally screwthreaded aperture removably receiving the lower extremity of a spout or pipe 9 slidably mounted in and extending upwardly through a central aperture in the cover 7. A suitable peripheral packing ring 10 is secured to the follower 8 to prevent the escape of lubricant past the follower, as will be understood.

A standard 11 is secured to the cover 7 laterally of the central opening therein and is provided with an angularly directed and apertured end 12 receiving the spout 9 and providing a brace or guide therefor. An annular shoulder 13 is secured to or formed integral with the spout 9 and constitutes an abutment for one end of a spring 14 coiled about the spout 9 and engaged at its opposite end with the angularly directed end 12 of the standard 11. The tension of the coil spring 14 normally retains the follower 8 in the end of the cylindrical container 5 adjacent the cap or closure 7. A suitable angular nozzle 15 is removably secured in the outer end of the spout 9 and may be quickly and conveniently removed for filling the container 5 with a suitable lubricant.

The spout 9 is formed with a plurality of laterally projecting teeth 16 adapted to cooperate with the spring actuated pawl 17 to prevent movement of the spout 9 and follower 8 under the influence of the spring 14. The pawl 17 is pivotally secured to a relatively small standard 18 secured to the cap or closure 7 and may be swung to inoperative position or out of engagement with the teeth 16 by an angular lever 19.

A main follower actuating lever 20 is pivotally secured at 21 to the standard 11 and is so arranged that the free end 21 thereof terminates directly above a handle 22 secured laterally of the cylindrical container 5. A spring actuated pawl 23 is pivotally secured to the lever 20 adjacent the spout 9 and is adapted to coöperate with the teeth 16 to move the spout 9 downwardly when the lever 20 is actuated. An angular lever 24 is pivotally secured to the main lever 20 and is adapted to coöperate with the arm 25 of the pawl 23 to disengage the latter from the teeth 16 to permit the follower 8 and the spout to be moved to initial position.

In use, the container 5 may be filled with a suitable lubricant by removing the closure 7 and the follower 8 or the follower 8 may be moved to a position adjacent the closed end or bottom 6 of the container and the free end of the spout 9 placed in the lubricant with which the container is to be filled. The pivoted pawls 17 and 23 are subsequently released and the follower 8 is moved toward the closure 7 under the influence of the spring 14, thus drawing the lubricant

into the container 5 through the spout 9. To dispense the contents of the container the main lever 21 is depressed and the swinging movement thereof is imparted to the spout 9 by the pivoted pawl 23, thus moving the spout together with the follower 8 toward the bottom 6 of the container and forcibly ejecting a portion of the contents of the latter.

What I claim is:

A lubricator comprising a container having one end open, a closure for said open end, a follower slidably mounted in said container, a spout having one end extended through said closure and connected to said follower, said spout having a portion of its cylindrical body provided with teeth, a standard formed integrally with the upper face of the closure, said standard having its upper end curved inwardly and provided with an aperture slidably receiving the spout for guiding and bracing the same and holding the spout against lateral movement, a coil spring surrounding said spout having one end abutting the apertured end of the standard, a lever pivotally secured to said standard, a pawl pivotally secured to said lever and engaging said teeth of the spout for forcing said follower toward the closed end of the container against the tension of the coil spring, and means for holding the follower against upward movement, said coil spring adapted to return the follower to its initial position when said pawl and holding means are released.

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

CHARLES H. TAYLOR.

Witnesses:
R. F. GAROUTTE,
J. G. LINGA.