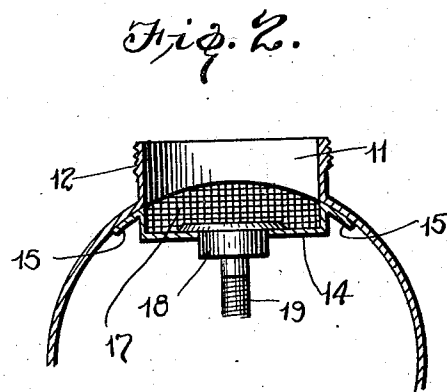
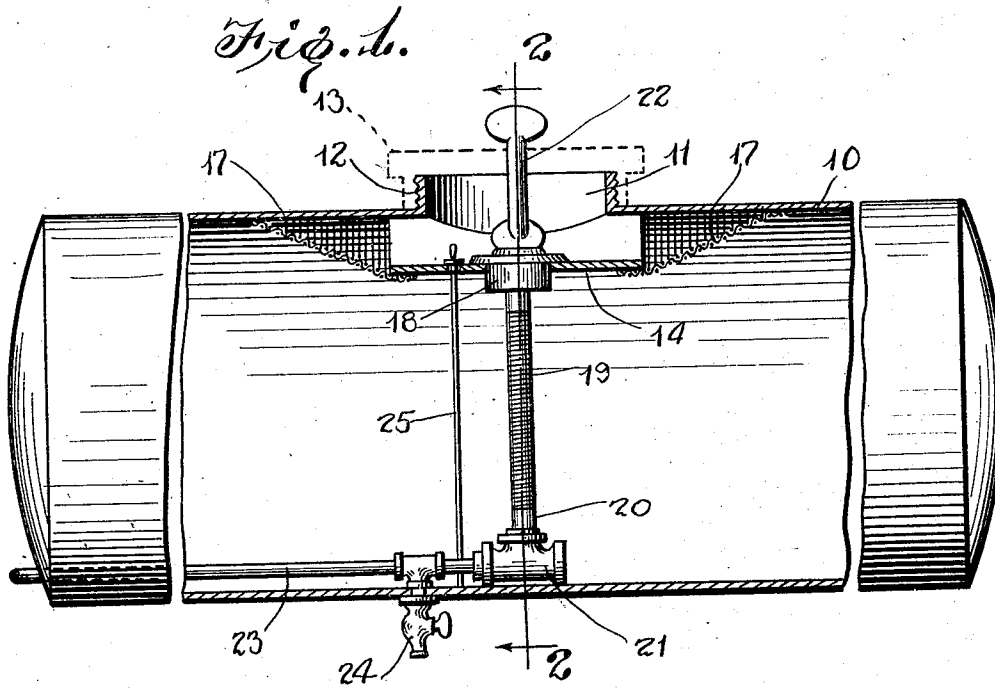


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A. KNITTEL
GASOLINE TANK LOCK
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GASOLINE-TANK LOCK.

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This invention relates to gasoline tanks and has special reference to automobile gas tanks.

One important object of the invention is to provide an improved device of this character wherein the contents of the tank may be protected from theft by novel means.

A second important object of the invention is to provide an improved tank construction wherein the contents of the tank may be kept from withdrawal so that the car, on which the tank is installed, may have its engine cut off from the supply from the tank and thereby make it impossible to actuate the engine with the gasoline in the tank so that it is difficult to steal the car.

A third important object of the invention is to provide an improved locking device for such a tank.

With the above and other objects in view as will be hereinafter apparent, the invention consists in general of certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawings and specifically claimed.

In the accompanying drawings like characters of reference indicate like parts in the several views, and:

Figure 1 is a vertical longitudinal section through a tank constructed in accordance with this invention.

Figure 2 is a detail section of the upper part of such a tank taken substantially on the line 2—2 of Figure 1, certain parts being shown in elevation.

In the form here shown there is disclosed a cylindrical tank 10 having the usual filling opening 11, the tank being broken away and shortened in its length to better show the various parts. This filling opening 11 is surrounded by the usual screw neck 12 and a cap, shown in dotted lines at 13, is provided for closing the same. Beneath the filling opening is a U-shaped plate 14 having its legs provided with flanges 15 secured to the inside of the tank as by rivetting, brazing or other suitable means. The ends of this plate are closed by a suitable screen 17. Secured centrally of the plate 14 and passing therethrough is an ordinary lock of the pin-tumbler type as at 18 and connected to the barrel of this lock is a flexible shaft 19 which

extends down and is connected to the stem 20 of a plug valve 21. A suitable key 22 having a long shank is provided for operating the lock. One end of the plug valve is closed and to the other end is connected the usual gasoline feed pipe 23 which is adapted to be connected to the engine through the carburetor in the usual manner. Neither the engine nor the carburetor is here shown as they do not form parts of this invention. In this feed line 23 is interposed a drain cock 24 so that the tank may be drained, if desired, when the valve 21 is opened.

An ullage 25 may be dropped through a suitable opening in the plate 14 to determine the quantity of gasoline in the tank.

It will be noted that when the valve 21 is closed no gasoline can flow out of the tank and that the valve can be opened only by use of the key 22. The tank cannot even be drained while the valve is closed because the drain cock is positioned on the feed line 23. However, the valve 21 may be opened by using the key 22 and the gasoline will then flow to the engine or may be drained off through the cock 24.

There has thus been provided a simple and efficient device of the kind described and for the purpose specified.

It is obvious that minor changes may be made in the form and construction of the invention without departing from the material spirit thereof. It is not, therefore, desired to confine the invention to the exact form herein shown and described, but it is desired to include all such as properly come within the scope of the claim.

Having thus described the invention, what is claimed as new, is:

In combination, a gasoline tank, a draw-off valve located wholly within the tank, said tank having a filling opening at its top, a plate suspended beneath said filling opening, a lock carried by the plate and having a rotary part, a flexible shaft connecting said rotary part and valve to actuate the latter upon actuation of the lock, a feed pipe extending from said valve and lying partly within said tank, and a drain cock carried by the feed pipe and projecting through the bottom of the tank.

In testimony whereof I affix my signature.
ADAM KNITTEL.