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W. PEABODY

LOCKING DEVICE FOR TANKS

Filed July 14, 1924

Fig. 1.

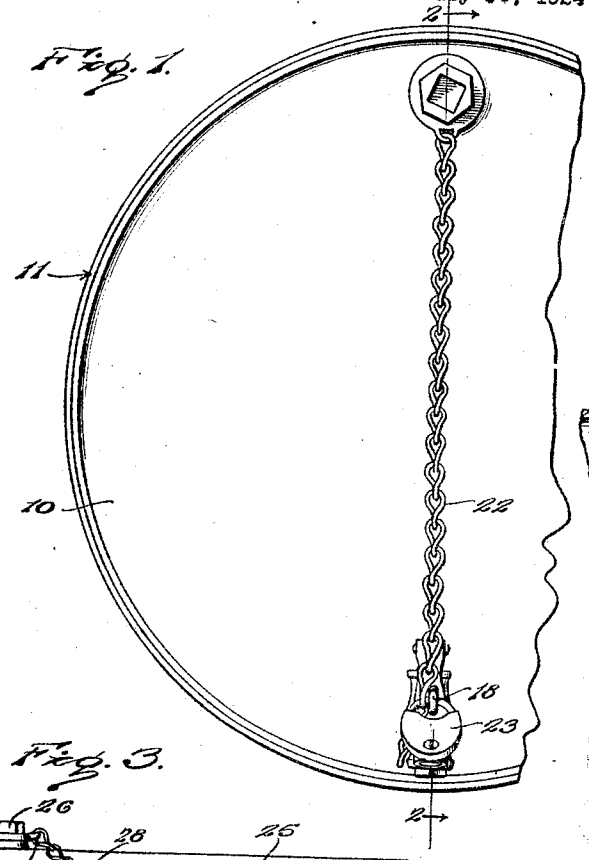


Fig. 2.

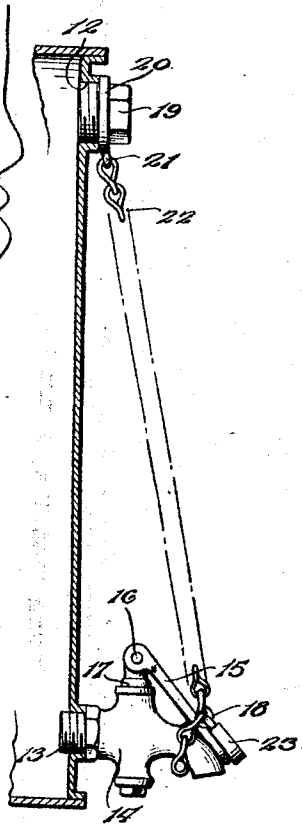
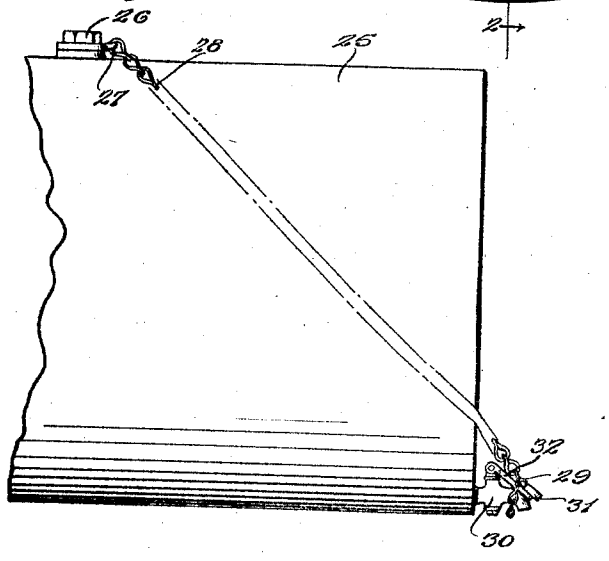


Fig. 3.



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UNITED STATES PATENT OFFICE.

WILLIAM PEABODY, OF WHITE CLOUD, KANSAS.

LOCKING DEVICE FOR TANKS.

Application filed July 14, 1924. Serial No. 726,010.

To all whom it may concern:

Be it known that I, WILLIAM PEABODY, a citizen of the United States, residing at White Cloud, in the county of Doniphan and State of Kansas, have invented certain new and useful Improvements in Locking Devices for Tanks, of which the following is a specification.

The present invention relates to a device for simultaneously locking the filling and drain openings of a tank of any description. The main object of the invention is to protect gasoline or oil tanks but the device may be applied to any other closed tanks or receptacles for liquids. Such tanks are generally provided with a faucet having an operating lever which may be locked to the spout of the faucet by an ordinary padlock but there is no provision made for locking the plug or bung of the filling opening. This invention now aims at furnishing a simple device which will lock not only the faucet but also the filling plug and in this manner prevent draining of the tank by unauthorized persons.

In the accompanying drawing, one embodiment of the invention is illustrated, and

Figure 1 is a fragmentary end elevation of a tank with the device installed;

Fig. 2 is a section on the line 2—2 of Figure 1, and

Fig. 3 is a fragmentary side elevation showing the application of the device to a tank having a filling opening at its top.

Referring now particularly to Figures 1 and 2, the reference numeral 10 represents a flat end of a cylindrical tank 11. A filling opening 12 is shown near the upper portion of the end wall 10 of the tank and the drain opening 13 is fitted with an ordinary faucet 14 in the usual manner situated near the bottom of the tank. As is usual on faucets of this class, an operating lever 15 is hingedly connected, as at 16, to the valve plug 17 of the faucet and in the drawing the lever and faucet are represented as in position. A slot is provided in the lever adapted to engage over an eyelet 18 on the upper side of the faucet. The filling plug or bung 19 has a fixed collar 20 and integral therewith is an ear 21 in which one end of a chain 22 is secured. The arrangement is made so that when the plug 19 is drawn up tightly in the threaded filling opening 12, the ear 21 is at its lowermost position pointing in the direction of the faucet 14. The chain 22 is of sufficient length to reach down to the faucet so that a padlock 23 may engage one of the chain links while simultaneously inserted in the eyelet 18. It will now be evident that, when the operating lever 15 is lowered into the closed position of the valve and engaged with the eyelet 18 and the padlock inserted through the eyelet as well as in a link of the chain 22 with the latter stretched as much as possible, it will not be possible to turn the valve plug 17 to remove some of the contents of the tank through the faucet nor will it be possible to unscrew the plug 19. In this manner the oil or gasoline cannot be removed through the filling opening of the tank.

In Figure 3 of the drawing, the reference numeral 25 represents a cylindrical tank provided with a filling opening at the top. As before, this opening is closed by a filling plug 26 provided with a rigidly attached ear 27 engaging the uppermost link of the chain 28. In this case the chain has to be taken around the side of the tank and forward to an eyelet 29 of the faucet 30 and secured to the eyelet together with an operating lever 32 by a padlock 31, care being taken that the chain 28 is kept taut.

Instead of the chain it may at times be preferable to provide a connecting rod between the plug and the faucet, the construction of the device otherwise being the same.

In case a tank is stood on end instead of in a reclining position when the filling plug will be at the flat top thereof and the faucet on one of its sides near its bottom, the device may also be used for locking the plug in the faucet.

Having thus described the invention, I claim:

1. The combination with a tank having a filling opening and a draining faucet, of a common locking device for the filling opening and the faucet, said locking device including a plug threaded in the opening, a connecting member non-revolubly secured on the plug, the faucet being provided with an operating lever, and an element adapted to simultaneously engage the lever, the connecting member and the faucet to firmly lock them together.

2. The combination with a tank having a filling opening and a draining faucet, of a common locking device for the filling opening and the faucet, said locking device in-

cluding a plug threaded in the opening, a chain non-revolubly secured on the plug, the faucet being provided with an operating lever, and an element adapted to simultaneously engage the lever, the chain and the faucet to firmly lock them together.

3. The combination with a tank having a filling opening and a draining faucet, of a common locking device for the filling opening and the faucet, said locking device including a plug threaded in the opening, a chain, a fixed ear on the plug to which the chain is attached, the faucet being provided with an operating lever, and an element adapted to simultaneously engage the lever, the chain and the faucet to firmly lock them together.

In testimony whereof I affix my signature.

WILLIAM PEABODY. [L. S.]