May 19, 1931. W. H. SMITH 1,806,124

LOCKING SYSTEM FOR CONTAINERS

Filed Feb. 15, 1930

Fig. 1

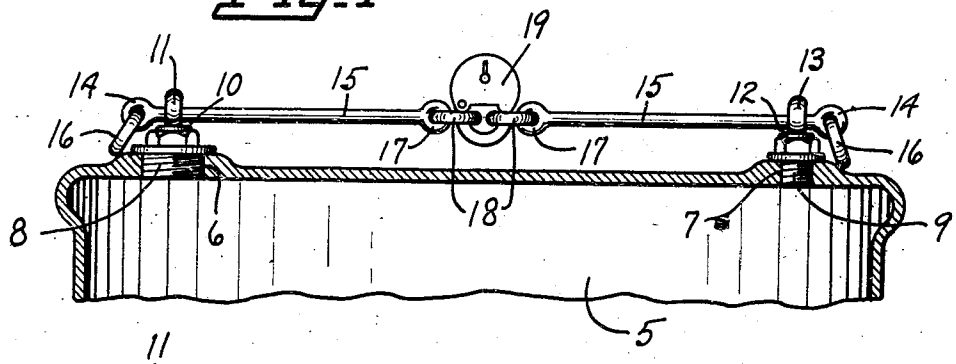


Fig. 2

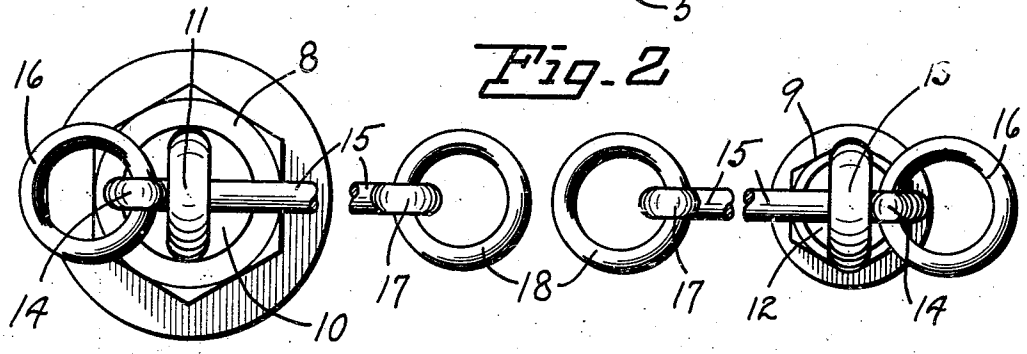


Fig. 3

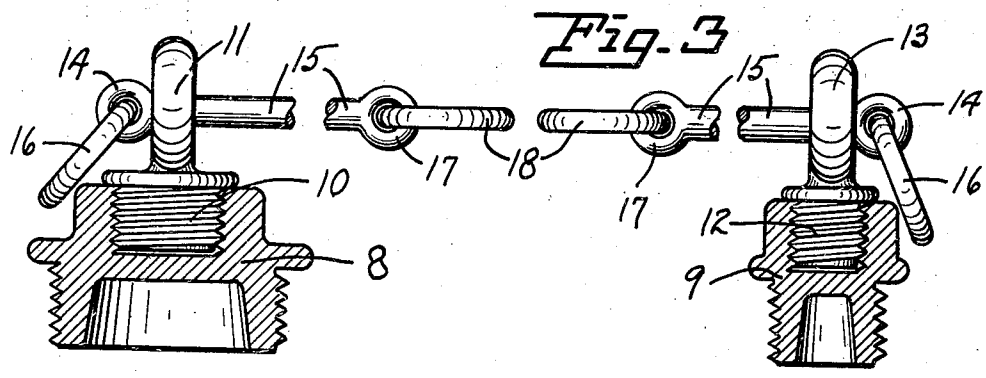
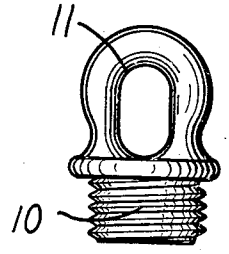


Fig. 4



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UNITED STATES PATENT OFFICE

WILLIAM H. SMITH, OF COPELAND, IDAHO

LOCKING SYSTEM FOR CONTAINERS

Application filed February 15, 1930. Serial No. 428,695.

My invention relates to locking systems for containers and is particularly adapted for use in connection with gasoline drums or casks. Certain objects of the invention are to provide means whereby both the bung-plug and the vent-plug of a container may be locked against displacement at one and the same time. Further objects of the invention are to provide adjustable means whereby the locking system is adapted for use on containers of various sizes.

With the above and other objects in view which will appear as the description proceeds, the invention consists of the novel construction, adaptation, combination and arrangement of parts hereinafter described and claimed. These objects are accomplished by devices illustrated in the accompanying drawings; wherein:—

Figure 1 is a view in vertical section of the upper portion of a container with the locking system installed and shown in elevation;

Fig. 2 is a top plan view of the locking system;

Fig. 3 is a view in side elevation of the system and showing the plugs in vertical section; and

Fig. 4 is a detail view in elevation of one of the plugs.

Referring to the drawings throughout which like reference numerals indicate like parts in the several views, the numeral 5 designates a portion of a gasoline drum having a relatively large threaded bunghole 6 at one of its top sides and a relatively small threaded venthole 7 oppositely disposed on its other side. A threaded bung-plug 8 is adapted to be installed in said bunghole and a smaller corresponding vent-plug 9 is adapted to be installed in said venthole.

The bung-plug 8 is tapped on its top to receive a threaded plug 10 which is provided with an upstanding elongated eye 11 as clearly shown in Fig. 4 of the drawings, and the vent-plug 9 is likewise tapped to receive a smaller plug 12 having a corresponding elongated eye 13. Said plug eyes are each elongated so that the eye 14 of rods 15 may pass therethrough as will be understood.

After the eyes 14 of the rods 15 have been passed through the eyes 11 and 13 of the plugs 10 and 12 respectively a relatively large ring 16 is welded into each of said eyes. The other ends of said rods are each provided with an eye 17 and a ring 18 is correspondingly welded or otherwise secured through said eyes thus completing the means for slidably and permanently securing the rods 15 in the eyes 11 and 13. The slidable arrangement of said rods provides adjustable means whereby the device will fit different sizes of containers or containers having various distances between their bung and vent plugs.

The rods 15 are of such lengths that the rings 18 will be juxtaposed when said rods are brought into alignment as shown in Fig. 2. Said rings are then secured together by a padlock 19 as shown in Fig. 1 whereby the plugs 8 and 9 cannot be turned or removed. It will thus be apparent that I have provided a locking system whereby the contents of a drum, cask or other container are safeguarded against theft, leakage or the like.

Having thus described my invention, it being understood that minor changes in its construction and arrangement may be resorted to without departing from its scope and spirit, what I claim and desire to secure by Letters Patent of the United States is:—

A locking device for a container having a bung-plug and a vent-plug, a tap plug for said bung and vent plugs, and an elongated eye for each of said tap plugs, comprising a rod slidably disposed through each of said eyes, an eye on each end of each of said rods, a ring permanently disposed through each of said rod eyes, and locking means for securing the two juxtaposed rings together when said rods are disposed in alignment.

In testimony whereof I affix my signature.

WILLIAM H. SMITH.