

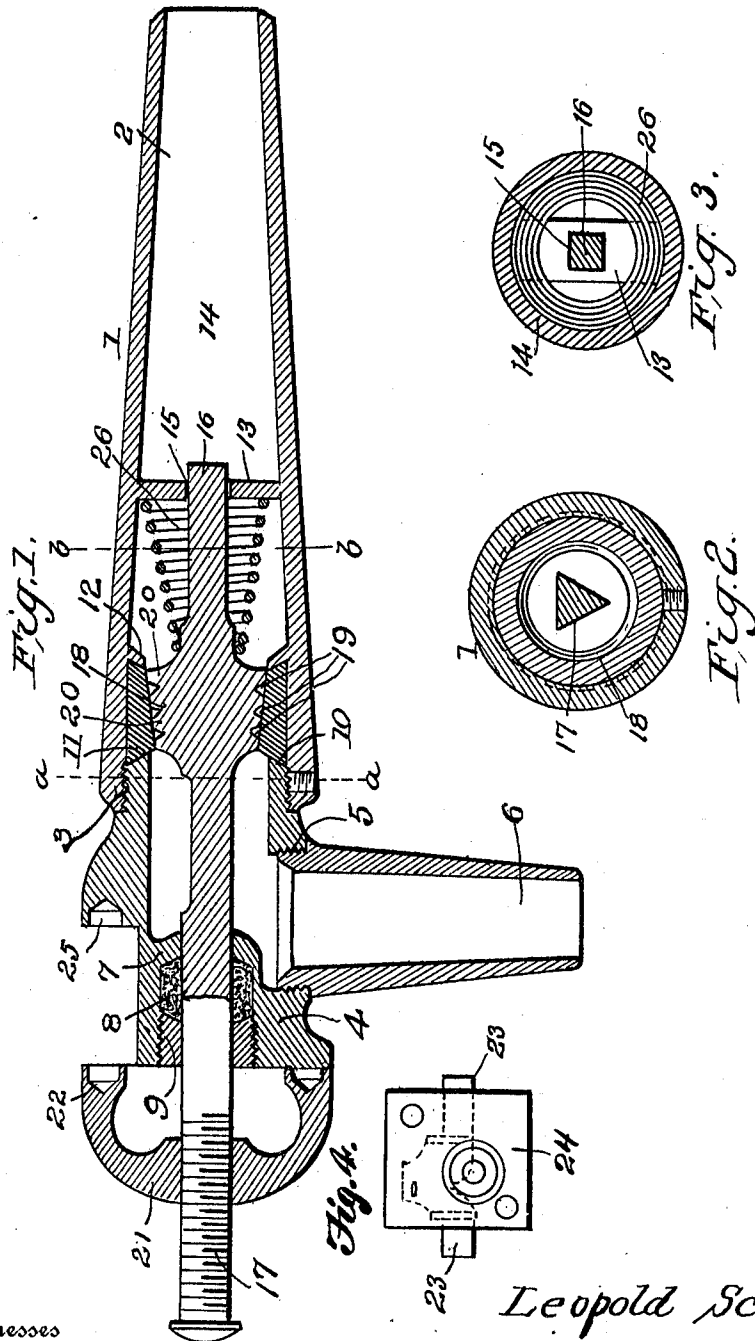
L. SCHULTZ.

SPIGOT.

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UNITED STATES PATENT OFFICE.

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SPIGOT.

1,003,812.

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To all whom it may concern:

Be it known that I, LEOPOLD SCHULTZ, a citizen of the United States, residing at Dunmore, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Spigots; 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 new and useful improvements in spigots.

The object of this invention is the provision of a device of this character in which the fluid controlling mechanism is secured against movement by a suitable lock, which serves to prevent any person unauthorized from tampering with the contents of a barrel or the like to which the said spigot is applied.

Another object of this invention is to improve and simplify devices of this character rendering them comparatively simple and inexpensive to manufacture, reliable and efficient in use and readily operated.

With the above and other objects in view, this invention resides in the novel features of construction, formations, combinations and arrangement of parts to be hereinafter more particularly described, claimed and illustrated in the accompanying drawing, in which—

Figure 1, is a vertical longitudinal sectional view taken through my improved spigot. Fig. 2, is a transverse sectional view taken on the line *a—*a** of Fig. 1; Fig. 3, is a sectional view taken on the line *b—*b** of Fig. 1, and Fig. 4, is a plan view of the lock removed.

Referring to the drawings by characters of reference, the numeral 1 designates generally my improved spigot comprising a hollow bung engaging member 2, inwardly tapered as clearly illustrated in Fig. 1 of the drawing, and provided in its opposite end with an internally threaded socket 3, adapted to engage a nozzle supporting member 4, the lower end of which is apertured and threaded as indicated by 5, for the reception of an outlet nozzle 6. The outer end of this nozzle supporting member 4, is provided with a suitable recess, for the reception of packing 8, the said packing being held in place by a nut 9. The inner extremity of the nozzle supporting member

is beveled as indicated at 10, for engagement with the inner end of a valve seat 11, formed from rubber or any other suitable composition. The inner beveled end of this valve seat 11 is adapted to rest normally against inwardly slanting flange or rib 12, which holds the said valve seat 11 against displacement.

A web 13 is formed within the passage 14, of the tapered bung engaging member 2, and is provided with a centrally angular aperture 15, adapted to receive and hold against rotation the inner squared end 16, of an operating rod 17, the intermediate portion of which is formed with a valve 18, adapted to engage the valve seat 11. This valve 18 is provided with a series of annular V-shaped channels 19, providing contacting ridges 20, adapted to engage the said valve seat and prevent any fluid from passing therethrough when the spigot is closed. The forward end of this rod 17, extends through partition 7 and packing nut 9, and also through an internally threaded cap 21, the inner edge of which is provided with a circular series of apertures 22, one of which is adapted to engage one of the pair of keepers 23, of a lock 24, the oppositely extending keeper of which is adapted to engage an aperture 25, formed within the nozzle supporting member 4, and manifestly prevents the turning of the cap 21, which prevents the unseating of the valve 18. A substantially conical shaped closely wound spiral spring 26, contacts at one end with the juncture of the web 13 and the tapered bung engaging member 2, and with the valve 18 at its opposite end, and serves to normally keep the valve 18 seated, and also strains all fluid passing through the passage 14.

From the foregoing disclosure, it will be readily apparent that when the lock is positioned with its keepers 23, in engagement with one of the apertures 22 and the aperture 25 respectively, the cap 21 will be prevented from turning upon the rod 17, which obviously locks the valve 18 in its seated position. When it is desired to unseat the valve 18, all that is required is to remove the lock 24 and rotate the cap 21 toward the end of the rod 17, which may be then readily pressed inwardly, manifestly unseating the valve 18. Immediately upon the release of the said cap 21, the spiral spring will automatically reseat the valve 18.

From the previous description taken in

connection with the accompanying drawings, it will be readily seen that a spigot of the character described is provided for which will fulfil all the necessary requirements of such a device.

Having thus fully described this invention what I claim as new and desire to secure by Letters Patent is:

1. The combination in a spigot, of a bung-engaging member, an annular rib formed therein, a valve seat located within the said bung-engaging member and engaging said rib, a nozzle-supporting member threaded in said bung-engaging member and engaging the valve seat, for the purpose of preventing its displacement, a rod slidable within said nozzle-supporting member and bung-engaging member, a valve carried by said rod and normally engaging said valve seat, a cap located on said rod, and means adapted to connect said cap with the nozzle-supporting member, for the purpose of locking the valve in closed position.

2. The combination in a spigot, of a bung-engaging member, an annular rib formed

therein, a valve seat located within the said bung-engaging member and engaging said rib, a nozzle-supporting member threaded in said bung-engaging member and engaging the valve seat for the purpose of preventing its displacement, a rod slidable within said nozzle-supporting member and bung-engaging member, a valve carried by said rod and normally engaging said valve seat, a cap threaded on said rod, said cap provided on its inner edge with a circular series of recesses, said nozzle-supporting member provided with a recess in alinement with one of said recesses in the cap, and a lock adapted to engage the recesses in the said cap and the nozzle-supporting member to prevent the rotation of the cap, substantially as and for the purposes hereinbefore described.

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

LEOPOLD SCHULTZ.

Witnesses:

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