C. F. WRAY.

FAUCET.

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1,046,531. Patented Dec. 10, 1912.

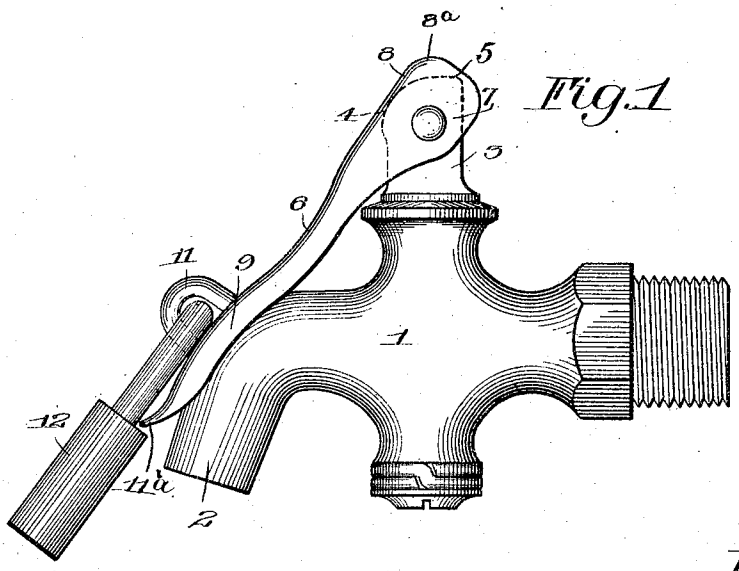

Fig. 1

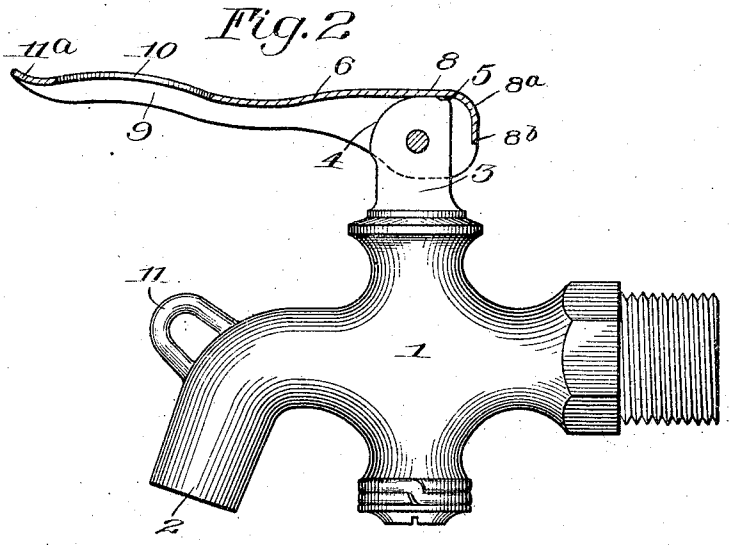

Fig. 2

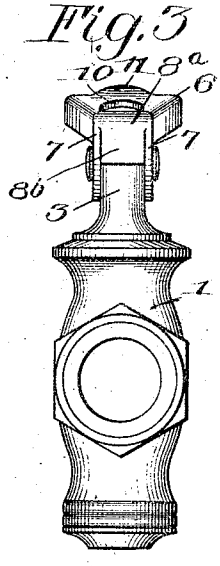

Fig. 3

Witnesses

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FAUCET.

1,046,531. Specification of Letters Patent. **Patented Dec. 10, 1912.**

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To all whom it may concern:

Be it known that I, CHARLES F. WRAY, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Faucets; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention relates to faucets, particularly those adapted for use in connection with tanks or receptacles containing liquids, of which it is desirable to prevent the unauthorized removal, by keeping said faucets locked when they are closed.

To this end my invention has for its object to provide certain novel features in the construction and arrangement of the parts of the faucet handle, all as will be further described in the following specification, the novel features thereof being pointed out in the claim appended to this specification.

In the drawings: Figure 1 is a side elevation illustrating a faucet having a handle constructed in accordance with my present invention; Fig. 2 is a similar view, the handle being shown in section and elevated into operative position, and Fig. 3 is an end elevation.

Similar reference numerals in the several figures indicate the same parts.

In illustrating my present invention, I have shown it applied to a faucet of the well known type preferably known as a cast brass bib, comprising the body 1, having the downwardy turned outlet or spout 2. The body 1 is hollow and contains the valve seat with which coöperates the valve head or plug, the upper projecting end of which, indicated by 3, is flattened on its opposite sides, as shown particularly at Fig. 3. The forward edge of this flattened portion is cut away, or rounded as indicated by 4, and at its rear side it is substantially square as indicated at 5, to provide a locking shoulder which coöperates with the handle to maintain the latter in the horizontal position, as shown in Fig. 2.

The handle indicated by 6 is preferably stamped from sheet metal in the form shown, providing the ears 7—7 at opposite sides of the central connecting web portion 8, ears extending over and embracing opposite sides of the end 3 of the valve plug. The ears 7 preferably extend forwardly to the outer extremity, and at the rear end of the handle they are reinforced by drawing down the metal at the end of the central web 8, as indicated by 8^a, so that the corners are neatly rounded by the action of the metal in dies during the stamping operation. The web may also extend in the form of a tongue 8^b to close the space between the ears 7—7 in rear of the valve head extension 3. A particular advantage is obtained in this construction in that tongue 8^b and 8^a with the ears 7—7 form a hood which completely incloses the end of the valve stem and covers its upper surface which would otherwise be exposed, preventing the lodgment of foreign substances.

Near its forward end the handle is provided with a curved portion, indicated by 9, which is made of such a shape as to conform closely to the rounded side or contour of the downwardly extending end 2. This permits the center of the handle to lie in close engagement with the body of the faucet when it is in the closed position, shown in Fig. 1, and the sides of this part of the handle also engaging the rounded edge of the faucet's body at each side of the center prevent the handle from being moved laterally. The center portion of the handle at the point 9 is also provided with an aperture or slot 10, adapted to receive an eye or staple 11, preferably cast integrally with the body 1 of the faucet and adapted to receive the hasp of a padlock or other suitable locking device as shown in Fig. 1. The eye 11 is preferably made of such a size that when the hasp of the padlock is inserted the latter is held in rather close engagement with the surface of the handle, thus the handle itself is also held in engagement with the body of the faucet and as the ears 7—7 are on opposite sides of the curve of the faucet body, any lateral movement of the handle which would tend to operate the valve plug is obviated without depending upon contact between the sides of the eye and the edges of the slot 10. This arrangement prevents the handle from being pried laterally to shear off the eye with only a slight force, making it necessary that a force be applied sufficient to tear off the eye, by other means than movement of the handle before the valve can be opened. The tip of the

handle, indicated by 11^a is curved outwardly or upwardly, slightly for the dual purpose of facilitating raising the handle, by the operator's fingers and also for holding the padlock, or other locking device 12, outwardly at a slight angle away from the end of the spout, thus preventing the latter from receiving the drippings therefrom.

I claim as my invention:

The combination with a faucet comprising a body with a downwardly curved discharge end and having a valve seat, and a rotatable valve head coöperating therewith provided with an upwardly extending flattened end having upon its forward side a rounded corner and at its rear side a shoulder, of a metal handle having two side ears and a central connecting portion embracing and fitting over said flattened end and pivoted thereto, the shoulder coöperating with the central portion of the handle to limit its movement upwardly in a substantially horizontal position and the rounded edge permitting the movement of the handle in a downward direction into engagement with the body of the faucet, said handle having a portion near its outer end curved to fit the curved part of the body closely and provided with a slot and an eye on the body extending through the slot in the handle and adapted to receive a locking device.

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