N. G. PERRY, C. E. HULTING AND C. X. THOMPSON.

FAUCET.

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1,333,506 Patented Mar. 9, 1920.

Fig. 1.

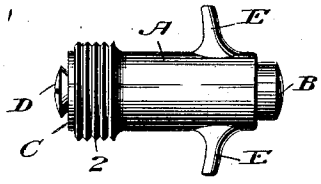


Fig. 2.

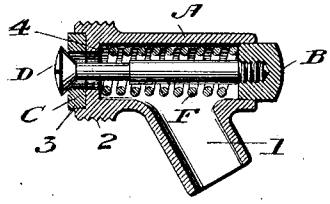
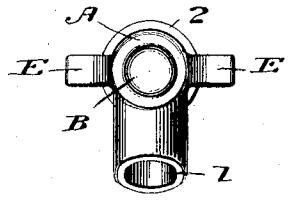


Fig. 3.



Witness

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UNITED STATES PATENT OFFICE.

NATHAN G. PERRY, CHARLES E. HULTING, AND CHARLES X. THOMPSON, OF DOUGLAS, ARIZONA.

FAUCET.

1,333,506. Specification of Letters Patent. Patented Mar. 9, 1920.

Application filed November 12, 1918. Serial No. 262,171.

To all whom it may concern:

Be it known that we, NATHAN G. PERRY and CHARLES E. HULTING, citizens of the United States, residing at Douglas, in the county of Cochise and State of Arizona, and CHARLES X. THOMPSON, a subject of the King of England, (but who has taken out his first naturalization papers in the United States,) residing at Douglas, Cochise county, Arizona, have invented certain new and useful Improvements in Faucets, of which the following is a specification.

Our invention relates to an improvement in faucets, and the object is to provide a spring-actuated push-button type of faucet more particularly for water-coolers and the like.

This invention consists in a barrel or body portion having a spout extending at an angle thereto, a valve extending throughout the barrel in the form of a screw, the head of which constitutes the valve which operates in connection with a valve-seat held in one end of the barrel, a push-button in the form of a nut screwed to the end of the screw and protruding from the outer end of the barrel, and a spring sleeved about the screw and compressed between a shoulder in the bore of the barrel and the inner end of the push-button, and finger-holes on the sides of the faucet which are grasped by the operator's first and second finger while he presses on the push-button to decant the liquid.

In the accompanying drawings:

Figure 1 is a plan view;

Fig. 2 is a section;

Fig. 3 is a front elevation.

A is the body portion in the form of a barrel having a spout 1, which extends outwardly at an obtuse angle thereto, as shown in Fig. 2. The barrel portion is provided with a screw-thread 2 by which it is screwed into the cooler or other liquid receptacle.

The barrel is counterbored on two diameters, as shown in Fig. 2, and in a recess 3 formed at the inner end the valve-seat C is fitted.

D indicates the valve. This is conveniently formed of a stem threaded at one end and having a beveled head with a kerf at the other end, and the inner sloping face of the head by engaging the seat closes the passageway through the faucet. A push-button B is in the form of a nut and screws on to the threaded end of the valve D, and a spring F is sleeved around the valve and compressed between the inner end of the push-button B and the shoulder 4 formed by the smaller bore of the barrel.

The letter E indicates finger-lugs adapted to be grasped by the fore and second fingers while the operator presses his thumb on the push-button to open the valve and pour off the liquid. The tension of the spring is sufficient to instantaneously close the valve upon the release of the pressure of the thumb.

The foregoing is a faucet of the simplest type, comprising few parts, compactly arranged, easily cast and assembled, and most convenient to manipulate when it is desired to draw off a quantity of the liquid in the container to which the faucet is applied.

More or less slight changes may be made, without departure from the spirit and scope of our invention.

We claim:

A faucet comprising a barrel and spout cast integral, the barrel having one threaded end and counterbored on two diameters, whereby to form a shoulder near the inner end, and having a recess at the extreme inner end, a valve-seat fitted to this recess, a valve composed of a stem threaded at one end and having at the other end a head similar to the head of an ordinary screw, the inner face of the head coöperating with the valve-seat to control the passage through the faucet, a push-button in the form of a nut screwed to the threaded end of the stem, a spring sleeved around the valve and confined between the shoulder in the bore of the barrel and the inner end of the push-button, and finger-lugs projecting from the barrel to receive the fingers of the operator while pressure is applied with the thumb to the push-button.

In testimony whereof we affix our signatures.

NATHAN G. PERRY.
CHARLES E. HULTING.
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