

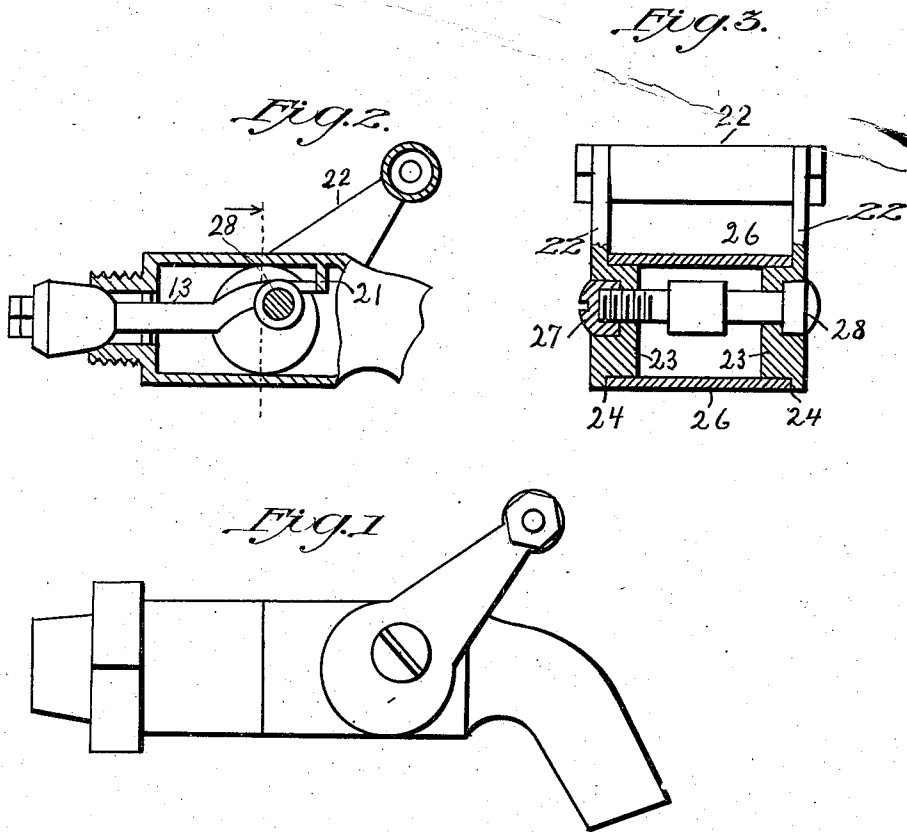
A. B. RONEY.

FAUCET.

APPLICATION FILED JAN. 7, 1911.

1,014,179.

Patented Jan. 9, 1912.



WITNESSES:

*Charles H. Pierce*  
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# UNITED STATES PATENT OFFICE.

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## FAUCET.

1,014,179.

Specification of Letters Patent.

Patented Jan. 9, 1912.

Application filed January 7, 1911. Serial No. 601,316.

### *To all whom it may concern:*

Be it known that I, ALEXANDER B. RONEY, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented new and useful Improvements in Faucets of the Class Adapted to Close with the Pressure, of which the following is a specification.

My invention has for its objects a faucet provided with an operating handle that is handy, this I attain by substituting for the turning handle in the old Fuller faucet a push and pull type and substituting for the single bearing crank spindle a double bearing rock shaft which makes a stronger backing for the valve stem, and renders the faucet more easily operative under high pressures the definition of which is exemplified in the accompanying drawings and specifications.

Figure 1, is an outline view. Fig. 2, is a part longitudinal section of Fig. 1. Fig. 3, is a cross section as per dotted lines of Fig. 2.

The faucet mounts an operative push and pull handle as outlined in Fig. 1, and detailed in Figs. 2 and 3. The handle comprises the side members 22 and 22 fastened together at the top by cross tie 20 and provided with hub parts 23, 23 having annular shoulder parts 24, 24, by means of which they are externally pivoted to opposite sides of the casing 26, and adjusted thereto by rock shaft 28, which extends through the casing and is positioned therein eccentric to the axis of the hub portions of the handle members and which is shaped like a common threaded cap head bolt with the cap end binding against one member and the threaded end screwed through the opposite member and the adjustment thus obtained is secured by lock nut 27. Within the cas-

ing a portion of valve stem 13, is offset from a straight line so as to engage the rock shaft pivotally which when moved moves the valve on and off its seat in a straight line, and I have found it good practice to provide a stop 21, in the casing for limiting the handle throw to maintain its proper position and protect the rubber valve from being squeezed too much.

In Fig. 2 it will be observed that the eccentric position of the rock shaft lies within the circumference of the annular hubs carried by the handle members, and when the handle is moved to open the faucet the rock shaft stays in the position put and the water pressure no matter how strong cannot turn it back and that is why the force of the water pressure is not felt on the operating handle when moved making it easy to push and pull.

Having disclosed my invention what I claim as my invention and desire to secure by Letters Patent is—

In a faucet of the class described, a casing, an operating handle thereon comprising two side members, each having a hub portion with an annular shoulder on one side, the hub portion pivotally mounted to the respective sides of the casing, a rock shaft extending through the casing and having its ends supported in said hub portions and provided with adjustment means binding on said members, a valve stem in the water way of the casing pivoted to said rock shaft, a valve carried by said stem adapted to close with the pressure, and a stop for limiting the movement of the valve toward its seat as described.

ALEXANDER B. RONEY.

Witnesses:

CHARLES H. PIERCE,  
GEORGE W. BROAS.

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