

J. E. Tucker.

Stop Cock.

No 70,919.

Patented Nov. 12, 1867.

Fig. 1

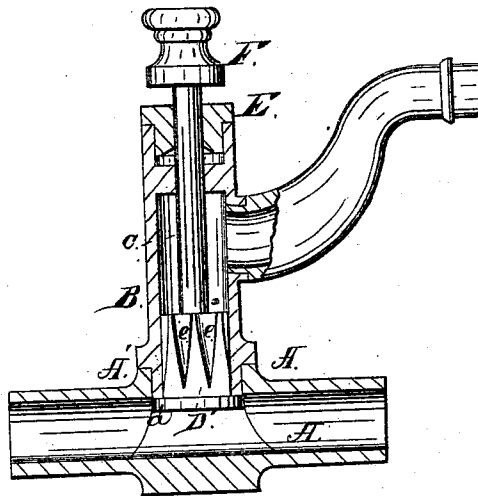


Fig. 2



witnesses:
A. S. Westman
A. M. Mason

Inventor:
J. E. Tucker.
per
Alexander Mason
attys

United States Patent Office.

JOHN E. TUCKER, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 70,919, dated November 12, 1867.

IMPROVEMENT IN FAUCETS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN E. TUCKER, of Boston, in the county of Suffolk, and in the State of Massachusetts, have invented certain new and useful Improvements in Water-Faucets; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents a pipe, which is secured in the barrel. Near the centre of this pipe is cast a short branch pipe, A', into which is fitted the faucet pipe B, a shoulder being formed upon it, so as to make, with the branch pipe A', a close joint, as seen. C represents a stem, which passes through the faucet pipe B, having upon its lower end a cylindrical plug, D. Upon the inner end of the plug D is formed a flange, *a*, which is made larger than the bore of the pipe, and the upper surface of which fits snugly against the inner end of said pipe B. This plug is provided upon its periphery with a series of V-shaped grooves, *e e*, which diminish in size and depth as they approach the flange *a*, but do not reach to said flange. E represents a packing-ring or collar, which surrounds the stem C, with its lower end entering the mouth of pipe B. G represents the delivery pipe, which connects with pipe B, as represented.

In Figure 1 the faucet is represented closed; but when it is desired to draw beer or other material from the barrel, the hand is placed upon the knob F, on the outer end of stem C, and by shoving the stem in, the material passes around flange *a*, and enters the grooves *e e* upon the plug D, and from thence flows out through pipe G. The amount or flow of the material is regulated by the distance the stem is shoved in, as the further it is shoved the more space is opened by the V-shaped grooves *e e* upon the plug D. To shut off the flow of the material, the stem is drawn outward until the flange *a* strikes against the end of pipe B.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—
A faucet, composed of pipe B, with stem C and plug D, with its grooves *e*, pipes G and A, and packing-ring E, all constructed, arranged, and operating in the manner as and for the purposes set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 2d day of May, 1867.

JOHN E. TUCKER.

Witnesses:

JAS. G. HARRINGTON,
N. HAMILTON.