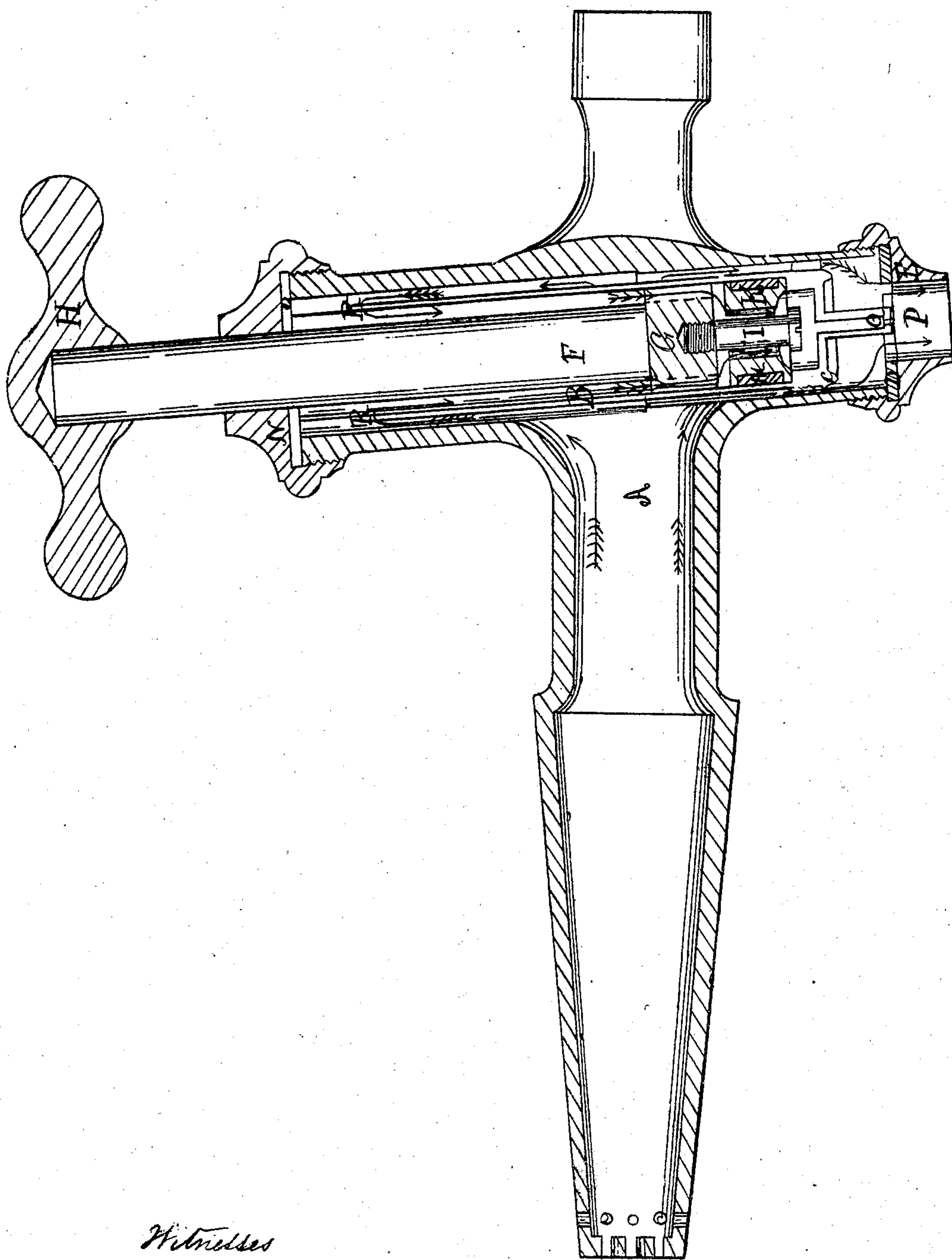


*J. M. Stark,  
Beer-Faucet.*

*Nº 74,625.*

*Patented Feb. 18. 1868.*



*Witnesses*

*John Stark.  
Christ. Sturm.*

*Inventor  
J. M. Stark*

# United States Patent Office.

J. MICHAEL STARK, OF BUFFALO, NEW YORK.

*Letters Patent No. 74,625, dated February 18, 1868.*

## IMPROVEMENT IN BEER-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, J. MICHAEL STARK, of Buffalo, in the county of Erie, and State of New York, have invented a new and improved Beer-Faucet; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which the figure represents a longitudinal and vertical section.

Letter A is the faucet-barrel, into which B, the combined squirt-cylinder and valve, is placed. The valve, consisting of a sharp-edged ring, C, provided on the bottom of the squirt-cylinder, has its bearing upon a leather washer, D, which is secured to the bottom cap E. The squirt-cylinder slides up and down in the faucet-barrel A, for the purpose of opening and shutting the valve. F is the plunger, and is provided with the angular part G on its lower end, and with the handle H on its upper end. Into the angular part G the guide-bolt I is secured, upon which the plunger-ring K slides up and down. This plunger-ring is provided with the four feeding openings L in its inside, and on its outside with a leather or other elastic ring, M, serving as packing. The plunger F is guided by and the faucet-barrel shut with the top cap N, which is furnished with a leather washer, O, for packing the joint about the plunger F while sliding up and down. P is the discharge-opening for the beer flowing off, and Q the discharge-opening for the squirt-cylinder. R R are a series of holes provided on the upper end of the cylinder B, for feeding.

To operate this faucet, the handle H, provided on F, is raised by pulling it upward. This will first open communication between the vessel into which the faucet is driven and the squirt-cylinder, in consequence of the space left between the plunger F and the plunger-ring K; then, when raised still more, it will open the valve C, in consequence of the friction of the plunger-ring K in the squirt-cylinder B, by raising the squirt-cylinder B until the top of B reaches the top cap N, and at last, when raised up so high that the angular part G of the plunger F comes in contact with the top cap N, it will allow the beer to pass through the feeding-holes R, pass by the plunger F, through the feeding openings L in the plunger-ring K, and fill the space between the plunger and the bottom of the squirt-cylinder. If the faucet is to be shut, the handle H is pushed down. This will first stop connection between the faucet and the squirt-cylinder, as the angular part G of the plunger F will come in contact with the plunger-ring K in the squirt-cylinder B, until the valve-ring C comes to its bearing upon the leather washer D, which will stop the flowing off of beer, and then, when the plunger is pushed down until the plunger-ring K reaches the bottom of the squirt-cylinder, it will empty the squirt-cylinder of the beer contained therein through the discharge-opening Q, and thus produce a strong and fine stream of beer in the vessel just filled.

The advantage of my improvement over all other faucets used for the same purpose, consists in the arrangement of the valve in the faucet-barrel, which will prevent the faucet from leakage, even when the faucet is compressed in consequence of the repeated knockings it receives when driven into the beer-barrel or cask.

### *Claim.*

What I claim as my invention, and desire to secure by Letters Patent, is—

The combined cylinder and valve B C, provided with the feeding and discharge-holes R Q, the plunger F G, and ring K, all constructed and arranged to operate within the body of the faucet, substantially as described.

Witnesses:

JOHN STARK,

CHRIST. STARON.

J. MICH. STARK,