

P. F. DONNELLY.

Improvement in Beer-Faucets.

No. 129,938.

Patented July 30, 1872.

FIG. 1

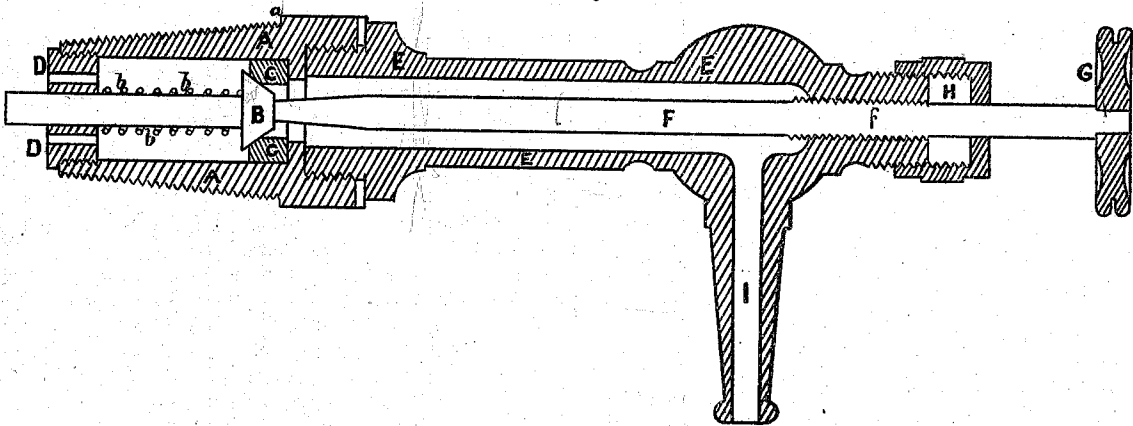
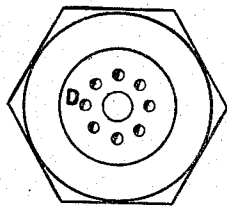


FIG. 2



WITNESSES

*Geo. Hargreaves*  
*S. T. Jones.*

INVENTOR

*P. F. Donnelly*  
*by George Parry*  
*his Attorney*

SCALE OF INCHES



# UNITED STATES PATENT OFFICE.

PATRICK FRANCIS DONNELLY, OF SAN FRANCISCO, CALIFORNIA.

## IMPROVEMENT IN BEER-FAUCETS.

Specification forming part of Letters Patent No. 129,938, dated July 30, 1872.

Specification describing a Beer-Faucet, invented by PATRICK FRANCIS DONNELLY, of the city and county of San Francisco, State of California.

This invention relates to a new mode of constructing what are generally termed "beer"-faucets, but the manner of constructing here described may be employed in making faucets for other purposes besides drawing off beer.

Figure 1 of accompanying drawing is a longitudinal section of my faucet. Fig. 2 is an end view, showing strainer.

Referring to the drawing, A is a bush or socket-piece, which tapers slightly from the shoulder *a* to the end. From the shoulder *a* to the end a fine-threaded screw is cut. This piece accommodates the valve B, which controls the flow of the liquid, and is screwed into the head of the barrel. The valve B rests against a rubber seat, C, being held, when closed, against this seat by the spiral spring *b* wound round the stem of the valve. D is a plug having several holes through it to permit the liquid to pass through. This plug is screwed into the end of the bush-piece, which projects into the barrel. At the outer end of the bush-piece, which projects outside of the barrel, there is an internal screw cut, and into this the conduit-stem E of the faucet is screwed. F is the operating-rod, which terminates, after passing beyond the conduit-stem, in a little wheel, G. This rod F has a double-threaded screw at *f*, which screws into a corresponding thread cut in the interior of the conduit-stem. H is a packing-box of usual form, supplied, where the rod F passes out of

the conduit-stem, to prevent leakage. I is the exit-passage for the liquid.

The operation is as follows: The bush-piece is inserted in the barrel-head, and may remain there until the barrel is worn out. The stem part of the faucet is applied when the liquid is to be drawn off, the flow being regulated by screwing the rod F against the valve B. Instead of the double-threaded screw being supplied on the rod F, this rod may be pushed forward and drawn back by other suitable mechanism not necessary to describe.

I know of the beer-faucet invented by Alfred Hallowell in 1865, covered by patent No. 48,273. This faucet, like mine, has a bush-piece with valve inserted; but the valve in Hallowell's device does not serve to regulate the flow of the liquid when the faucet is inserted, but is only serviceable when the faucet is withdrawn. Hallowell's valve is a plug stopping the hole for the faucet. My valve is part of the faucet itself.

I do not claim the bush-piece A broadly, for bush-pieces have been used before; nor do I claim the means of operating the valve B by the rod F.

I claim—

The peculiar construction and arrangement of the bush-piece A, forming also a chamber and seat for the valve B, in combination with the valve B, as and for the purposes as herein shown and described.

PATRICK FRANCIS DONNELLY.

Witnesses:

GEORGE PARDY,  
JOHN W. DONNELLY.