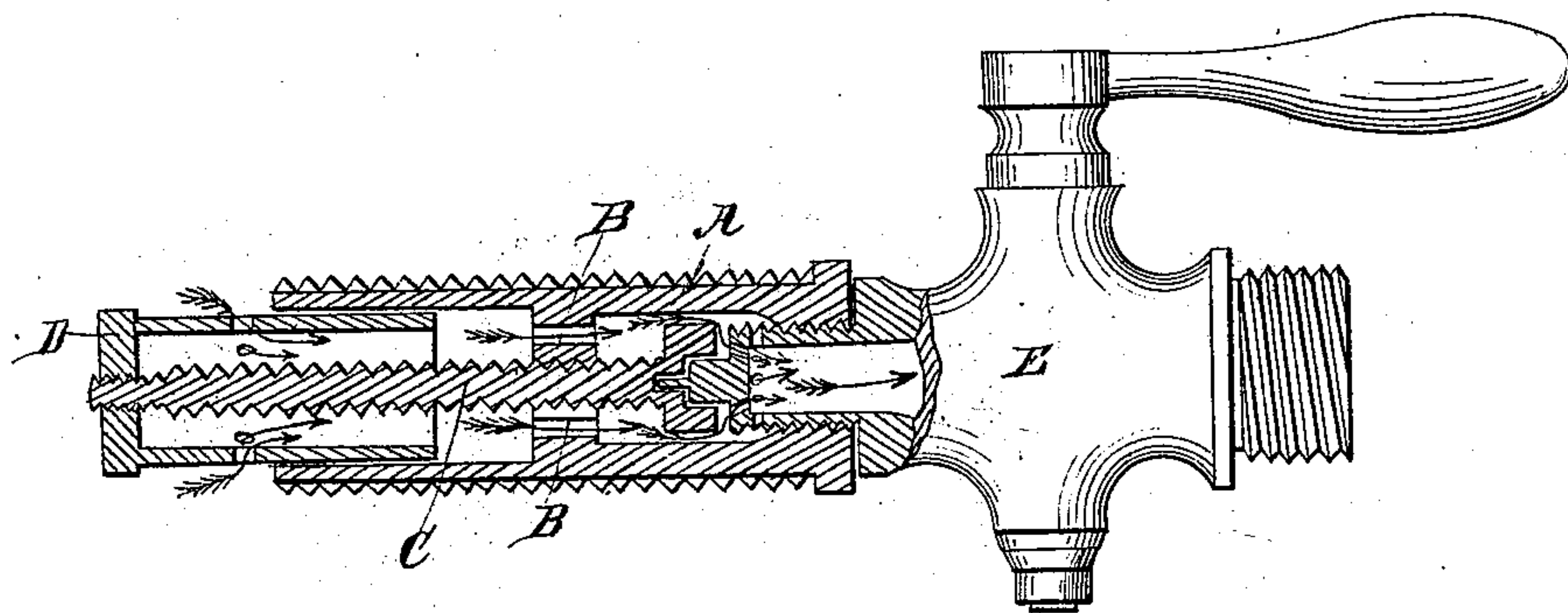


*J. E. Tucker,*

*Faucet.*

*N<sup>o</sup> 85,257.*

*Patented Dec. 22, 1868.*



*Witnesses.*

*Harry King.*  
*Leopold Bauer.*

*Inventor.*

*John E. Tucker*  
*per Alexander Mason*  
*Attys.*

# United States Patent Office.

JOHN E. TUCKER, OF BOSTON, ASSIGNOR TO HIMSELF AND LEWIS BONNEY, OF SAME PLACE, AND JOSEPH C. SNOW, OF MANSFIELD, MASSACHUSETTS.

*Letters Patent No. 85,257, dated December 22, 1868.*

## IMPROVED FAUCET.

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 "Faucets;" and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of my invention consists in the construction of a self-opening and self-closing faucet for drawing wine, beer, or other liquids from barrels.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and which represent a side view, in section, of my invention.

A represents a screw-plug, which is screwed into a barrel. This plug is provided, at a suitable point on the inside, with a perforated partition, B.

A headed screw-bolt, C, is inserted through the front end of the plug A, and is screwed through the centre of the partition B, which, for that purpose, is provided with a female screw.

The screw-bolt C passes through the plug A, and projects beyond the same at the inner or rear end.

At this end an inverted cap, D, is screwed on to the bolt C, which cap fits snugly inside of the rear end of the plug A.

The cap D is, at a suitable distance from the rear end, perforated with a series of holes, through which the liquid flows.

It will be seen that the liquid will pass through the

perforated cap D into the plug A, then through the perforated partition B, around the head of the bolt C, and out through the faucet E, which is screwed to the front end of the plug A, the course of the liquid being shown on the drawings by arrows.

The head of the bolt C is cut with a square recess, in which the inner end of the faucet E fits, this end being cut square for that purpose, and perforated to allow the liquid to pass from the plug A into the faucet.

When the faucet E is being screwed into the plug A, the inner end thereof, fitting into the recess on the head of the screw-bolt C, will also turn this bolt and move the cap D toward the rear, into the barrel, far enough to uncover the holes, so that the liquid may pass through; and when the faucet is being unscrewed from the plug A, the screw-bolt C will be turned in the opposite direction, moving the cap D into the plug, so as to completely cover the holes and shut off the flow of the liquid.

Having thus fully described my invention,

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

The combination of the plug A, provided with a perforated partition, B, the headed screw-bolt C, inverted perforated cap D, and faucet E, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 17th day of September, 1868.

JOHN E. TUCKER.

Witnesses:

W. E. BOYNTON,

CHAS. H. PATTEE.