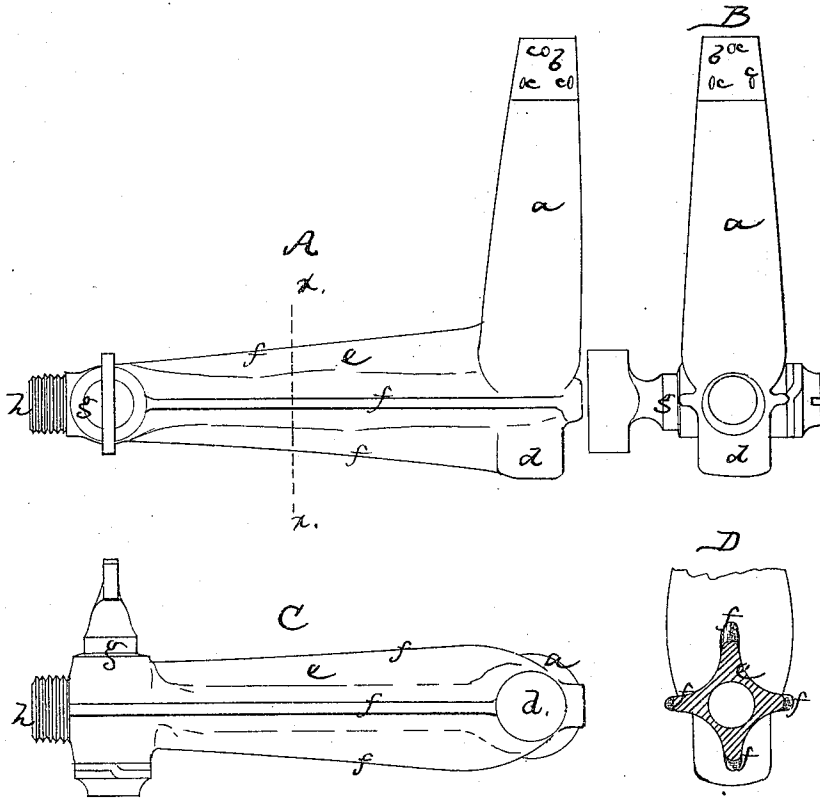


H. STRATER, Jr.

Improvement in Cocks.

No. 129,616.

Patented July 16, 1872.



Witnesses.  
M. W. Frothingham.  
L. B. Kiddet.

Inventor,  
Herman Strater, Jr.  
By his Atty.  
Crosby & Gould

# UNITED STATES PATENT OFFICE.

HERMAN STRATER, JR., OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN COCKS.

Specification forming part of Letters Patent No. 129,616, dated July 16, 1872.

*To all whom it may concern:*

Be it known that I, HERMAN STRATER, JR., of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Faucet or Cock for Beer-Casks, &c.; and I do hereby declare that the following, taken in connection with the drawing which accompanies and forms a part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

In applying beer faucets or cocks to beer-casks for connection therewith of the pipe leading to the beer-dispensing apparatus, it is customary to use a strong straight metal cock-tube, which is driven hard into the head or one of the staves of the cask, and which, when the cask and cock are to be disconnected, is driven laterally by blows in opposite directions, to the rapid deterioration and destruction of the faucet, or is dislodged by striking the head or staves with a hammer or mallet, which soon results in the destruction of the head or staves, the expense of new heads and staves to replace those thus destroyed being in one brewery as high as ten thousand dollars.

My invention is designed to obviate the difficulty in disconnecting the beer-cock tubes and cask-heads, to effect which I make the tube which enters the head with a right-angular arm, at the end of which arm is the plug or valve and the screw by which the pump-pipe is connected to the faucet, the liquid-passage extending through the tube and the right-angular arms, and the arms being strengthened by ribs or integral projections. This arm forms a lever or wrench, of which the cock-tube is the fulcrum, and by turning the arm the faucet may be easily disconnected without strain upon the faucet or injury to the cask. It is in this construction of a faucet that my invention consists.

The drawing represents a faucet embodying the invention.

A shows a plan of the faucet; B, an end view thereof; C, a side view; D, a section on the line *x x*.

*a* denotes the inlet-tube, which is made with a tapering end, *b*, having inlet-holes *c*, this tube being made with a knob or head, *d*, and being driven straight into the head of the cask. At the outer end of the faucet-tube is an arm, *e*, which extends from the tube *a*, said arm being tubular and having the general form in section, as seen at D, it having longitudinal ribs or projections *f*, as seen in the drawing. At the outer end of the arm is the cock or valve-plug *g*, for controlling the flow of beer through the faucet and the pipe, to which the faucet is connected by the screw *h*. The tubular form of the arm and its ribs *f* give to the arm great strength, and by applying force to it to turn the tube *a* and dislodge it the faucet may always be readily removed without injury to the cask. The arm *e* may be a solid extension from the faucet-tube, especially when the outlet is in line with the tube *a*; but for faucets of the kind shown I prefer to make the arm as a part of the outlet-tube.

I claim—

1. The faucet or cock having the ribbed arm *e* extending from the tube and at right angles thereto, as and for the purpose described.

2. I also claim the same when provided with the knob or head *d* to receive the blows when applying the cock.

HERMAN STRATER, JR.

Witnesses:

FRANCIS GOULD,  
M. W. FROTHINGHAM.