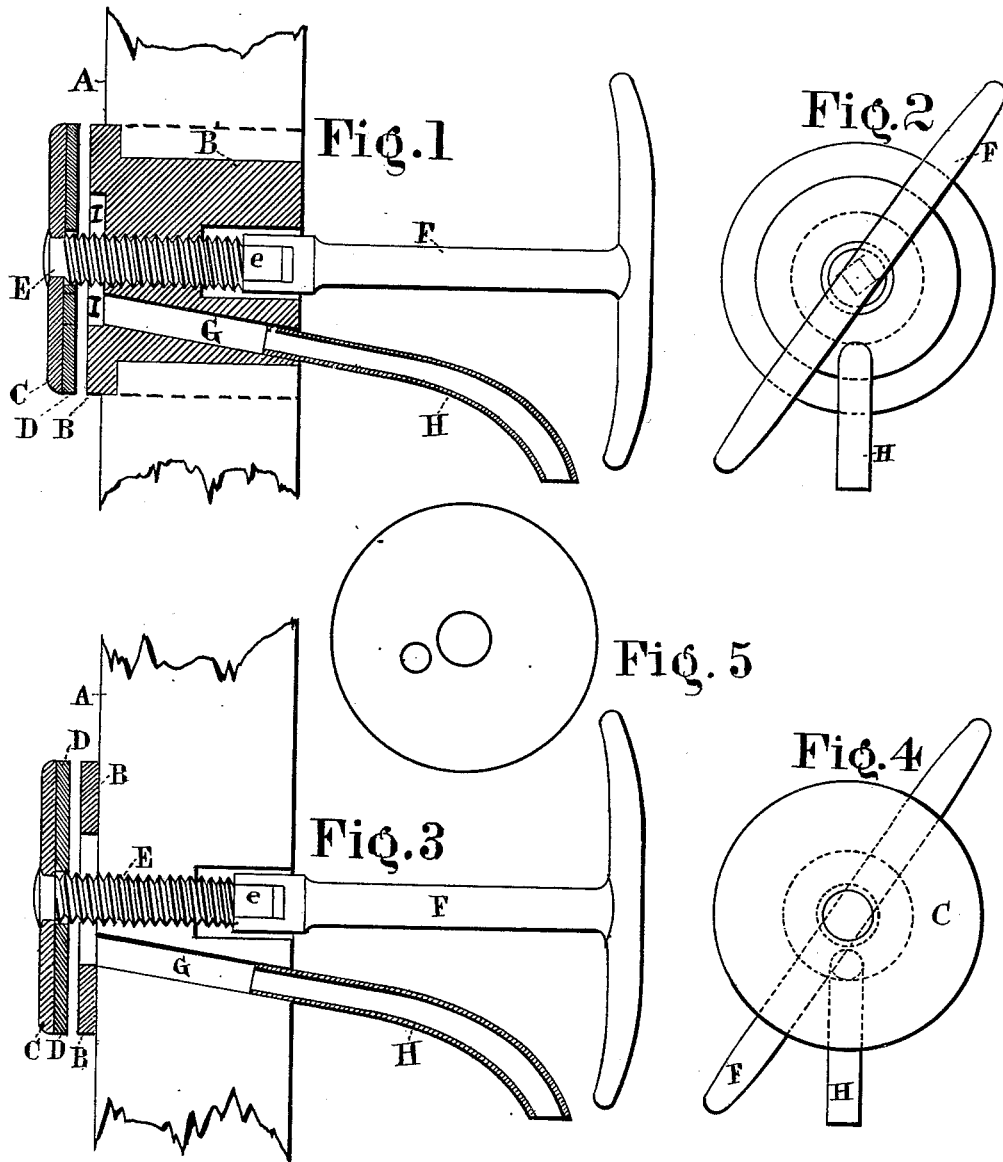


(No Model.)

E. J. RUBOTTOM.  
Beer Faucet.

No. 241,823.

Patented May 24, 1881.



**Witnesses**

*John Pardy*  
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# UNITED STATES PATENT OFFICE.

EMPHREY J. RUBOTTOM, OF FELTON, CALIFORNIA.

## BEER-FAUCET.

SPECIFICATION forming part of Letters Patent No. 241,823, dated May 24, 1881.

Application filed June 12, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, EMPHREY JONES RUBOTTOM, of Felton, Santa Cruz county, State of California, have invented a new and Improved Beer Faucet or Valve, of which the following is a specification.

My invention relates to that class of faucets used for drawing beer from barrels; and it has for its object, first, the simplification of the parts, so that the expense of construction may be reduced to a minimum; second, to provide a faucet by which the beer may be drawn from the barrel with the least possible "head" or foam when the beer is fresh or "lively;" third, to obviate the objectionable features connected with tapping or driving a faucet into the head of a barrel, by having each barrel supplied with its own faucet permanently attached thereto; fourth, to provide a beer-faucet which shall ordinarily secure the contents of the barrel from surreptitious abstraction, if desirable, this object being effected by the removal of the operating-key; fifth, to avoid inconvenient projections from the head of the barrel by making the parts of the valve or faucet flush with the outer surface of the head—a very desirable construction in some situations.

Figure 1 of accompanying drawings shows a longitudinal sectional view of my faucet in one form of its construction, having the screw operating in a metallic hub, a continuation of the piece forming the valve-seat. Fig. 2 is a front view of the same. Fig. 3 is a longitudinal sectional view of my faucet in its simplest form, having the screw operating in the wood of the barrel-head. Fig. 4 is a back view of same. Fig. 5 is a plan of washer D, showing hole to correspond with outflow-hole G, below described.

In all the figures the same letters of reference indicate like parts.

A is the wooden barrel-head, the reference-letter being marked on the interior side.

B is a metal valve-seat, about two inches outside diameter, upon which the valve C tightly compresses a leather or rubber washer, D, interposed between it and the seat.

E is a screw-shank connected solidly with the valve, either by being riveted thereto or being made of one piece with it. This screw may either be received by the wooden barrel-head and screwed back and forth in the wood, as in Fig. 3, or a metallic hub, B', may be continued of one piece with the valve-seat B, and thus furnish a more serviceable combination,

as in Fig. 1. The screw-shank E is made square on the end, as at *e*, so as to provide for its being operated by the ordinary socket-wrench or turn-key, F.

G is the outflow-hole, bored through the wooden head in Fig. 3, and provided in the hub B', Fig. 1.

H is a removable spout, made of brass pipe, bent into a curved shape. This spout can be removed, if desired, after every drawing, or it may be left inserted in place until the barrel is emptied.

The rubber or leather washer D should cover the entire face of the valve C between the stem and the outer rim; but being at all times liable to stick to the valve-seat as to the valve, when the valve is opened, it must have a hole through it corresponding with the outflow-hole G; otherwise it might at any time cover the hole and stop the outflow. But, again, this hole in the washer might not always fall exactly over the hole in the head of the barrel. To prevent any difficulty from this source I provide a recess, I, around the valve-stem to the inner edge of the valve-seat, so that, no matter what position the hole in the washer occupies in relation to the outflow-hole, there will always be a free passage for the outflow whenever the valve is set back from its seat.

The turn-key F is of ordinary construction, and is amply described by the figures of the drawings.

If preferred, the entire faucet may be screwed into the head of the barrel from the outside, as shown by the dotted lines, Fig. 1.

The operation of my faucet is simple and as follows: When the beer is to be drawn the spout H is inserted in the hole to receive it. The key is then applied to the stem of the valve and turned until the beer flows. When the drawing is finished the spout and key can be taken away or left in place, as may be preferred.

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

The faucet herein described, consisting of the combination of the valve C, having the screw-stem E, and washer D, having hole to correspond with outflow-hole G, the valve-seat B, the annular recess I, and the straight outflow-passage G, leading therefrom, substantially as herein described.

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