(No Model.)

R. W. SHAW & C. D. V. DAVIS.

TAP AND FAUCET.

No. 350,897. Patented Oct. 12, 1886.

Fig. 1.

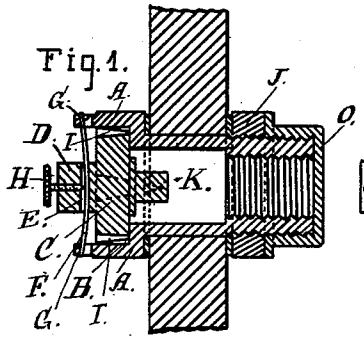


Fig. 2.

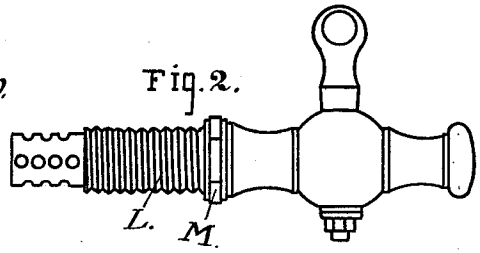
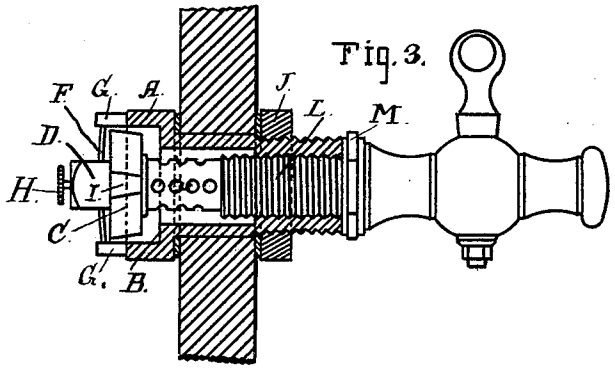


Fig. 3.



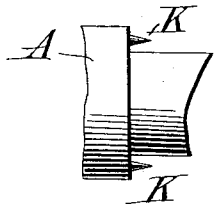


Fig. 4.

Witnesses:

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UNITED STATES PATENT OFFICE.

ROBERT W. SHAW AND CHARLES DEWITT V. DAVIS, OF SAN FRANCISCO, CALIFORNIA.

TAP AND FAUCET.

SPECIFICATION forming part of Letters Patent No. 350,897, dated October 12, 1886.

Application filed February 8, 1886. Serial No. 191,230. (No model.)

To all whom it may concern:

Be it known that we, ROBERT W. SHAW and CHARLES DEWITT V. DAVIS, citizens of the United States, and residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Tap and Faucet for Beer and other Fermented Liquors, of which the following is a specification.

The first part of our invention relates to a tap clamped to the head of the cask, and having upon its inner end a valve of large area held to its seat by a spring and set-screw, and secondly to a screw-threaded faucet adapted to enter the tap and force outward or backward the valve from its seat, the faucet being detachable when not in use, all of which will be hereinafter more fully described.

In the accompanying drawings, forming a part of this specification, Figure 1 is a view in section of our improved tap. Fig. 2 is a side view of the faucet. Fig. 3 is a view of the tap and faucet in position. Fig. 4 is a detailed view of the collar, showing the holding-pins.

Upon the inner end of the tap is cast a large stationary collar, A, within which is formed a countersunk depression or seat, B, for the valve C. To the outer face of the valve is cast a lug or projection, D, through which a transverse slot, E, is made, and in which a flat spring, F, is placed, with the ends thereof resting in the projecting slotted lugs or ears G, upon the edge of the collar A, which holds the valve C to its seat in the said collar. A set-screw, H, passes through the lug D, and bears upon the flat spring, which keeps the valve true to its center and admits of its being raised up from its seat a greater or lesser distance from its inner face by the tightening or loosening of the set-screw. The valve is slightly tapered inwardly or downwardly, and the edge of the upper face is pierced with three or more half-oval tapering ports, I.

From the inner face of the stationary collar A to near the center of the barrel of the tap is a plane surface, and from thence to the outer end is cut a screw-thread to receive a threaded collar, J, and between this movable collar and stationary collar the head of the barrel or cask is received, the parts clamping the head of the cask around the opening therein to receive the tap, in which position it is held between packing-rings, and prevented from turning by the sharp-pointed pins K in the face of the stationary collar A. A bushing is made in the bore of the tap to receive the screw-threaded faucet L, and the end of the faucet pressing against the inner face of the valve C opens it and permits the beer to pass out around the head of the valve and down upon the countersunk seat in a thin stream, and enter the tap and connecting faucet, in which position the faucet is held to the end of the tap by a screw-collar, M, which prevents all leakage or movement of the parts. A screw-cap, O, is placed over the end of the bushing when the faucet is not in use.

It should here be observed that the faucet is only employed when drawing from the cask, as it can be removed at any time when not in use, acting as a key as well as a faucet to open and close the valve in the tap, and one faucet only need be employed for any number of casks of the liquor or beer.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

The combination of the tapering plug or valve having its seat in a countersunk depression in the head of the tap, the flat spring, the set-screw, and the screw-threaded faucet with its collar provided with pins and operating within the bushing of the tap to open and close the valve in the end of the tap, substantially as and for the purpose shown and described.

In testimony that we claim the foregoing we have hereunto set our hands and seals.

ROBERT W. SHAW. [L. S.]
CHAS. DEWITT V. DAVIS. [L. S.]

Witnesses:
C. W. M. SMITH,
CHAS. D. WHEAT.