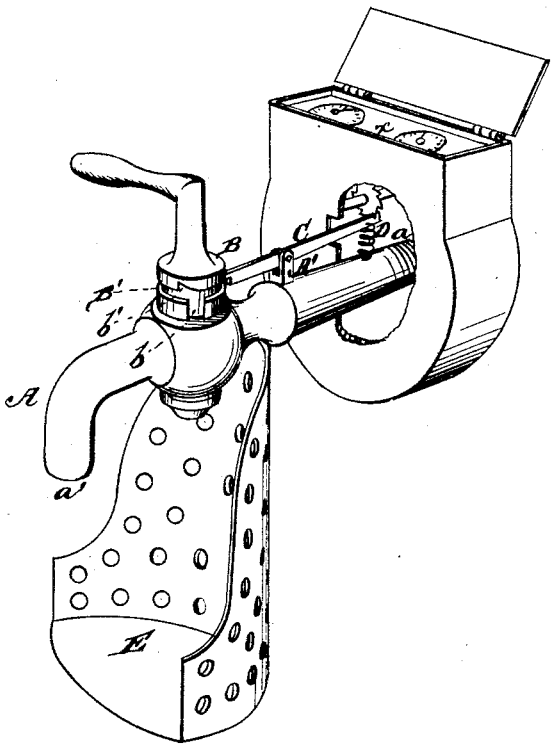
W. WILLIAMS.

Registering Liquor-Faucet.

No. 216,990. Patented July 1, 1879.



WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM WILLIAMS, OF HUNTINGDON, PENNSYLVANIA.

IMPROVEMENT IN REGISTERING LIQUOR-FAUCETS.

Specification forming part of Letters Patent No. **216,990**, dated July 1, 1879; application filed May 21, 1879.

To all whom it may concern:

Be it known that I, WILLIAM WILLIAMS, of Huntingdon, in the county of Huntingdon and State of Pennsylvania, have invented a new and valuable Improvement in Registering Liquor-Faucets; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification, and to the letters and figures of reference marked thereon.

The drawing is a representation of a perspective of my registering liquor-faucet.

My invention relates to a register adapted to be applied to beer-barrels and the like; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth, and pointed out in the claim.

In the vertical valve-stem of the cock I place or form a cam-groove, which is provided with notches, with abrupt shoulders on one side, and these notches allow the cock to be turned only in one direction. Into the cam-groove operates a lever, pivoted near its center, and this obtains a vertical reciprocating rectilinear motion upon the other end of the lever, which end is connected by suitable means and devices with two or more dials above. A lid, hinged, covers the dial-plates.

A bracket adapted to receive the glass under the exit is suspended from the pipe, and it prevents the drawing of several glasses at one register.

The cock can only be turned in one direction, and after the spring has forced the pivoted lever or rock-shaft up into one of the notches, and the liquor is running, such flow of liquor can only be stopped by continuing the turn of the cock in the same direction until the lever engages the next notch, when the valve is in a closed condition, and the liquor ceases to flow. My device is arranged so as to register just before the liquor commences to flow.

If the liquor is drawn by air-pressure or the like, and the exit-cock is distant from the barrel, the bracket may be attached in any manner which will serve to prevent more than one glass being under the cock at a time. The bracket holds but one.

A vertical slot leads from the circumferential slot downward and out, to allow the withdrawal of the male cock-stem.

Referring to the drawing, A represents the exit-pipe, the end *a* being adapted to be driven into the barrel, cask, or the like, and the end *a'* serving as a free exit. It has the usual socket for the valve-stem B, which is of ordinary construction except that the body thereof above is provided with a circumferential cam-groove, B', having notches *b'*, with abrupt shoulders in one direction, and with a vertical slot, *b*, as shown, leading from the circumferential slot B'.

A lever, C, pivoted near the center in a standard, A', upon the pipe A, serves as a register-bar. One end works in the cam-groove B'; the other is connected to dial-plates *x* by any suitable known mechanism. (Not shown.) This lever has a vertical motion, and is held in close contact with the notches *b'* by a spring, D. A bracket, E, adapted to hold but one glass at a time, is hung from the exit-pipe directly under the exit-aperture.

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

1. The valve-stem B, having cam-slot B', with notches *b'*, and a vertical slot, *b*, in combination with a registering device and connecting mechanism, as set forth.

2. The combination of the stop A B B' *b b'*, lever C, and spring D with a registering device, as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM WILLIAMS.

Witnesses:
HENRY GLAZIER,
C. H. GLAZIER.