L. BLEIER.

FAUCET LOCKING DEVICE.

No. 181,031. Patented Aug. 15, 1876.

Fig: 1.

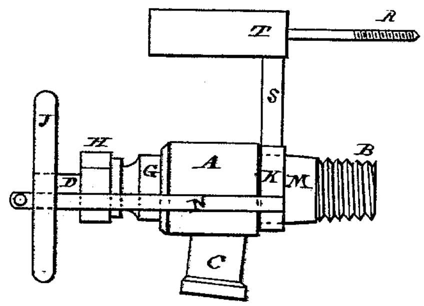


Fig: 2.

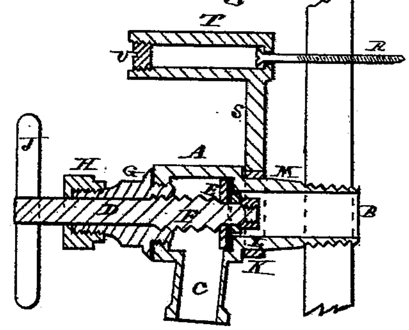


Fig: 3.

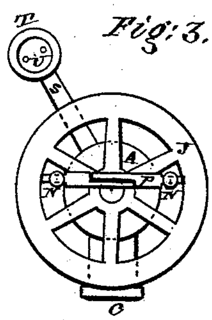


Fig: 4.

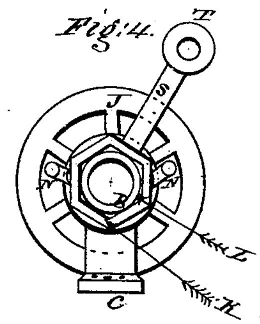


Fig: 5.

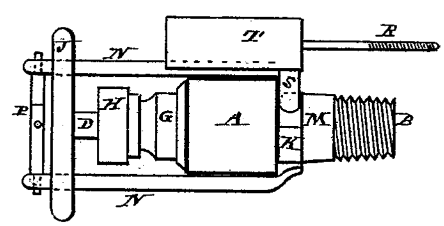
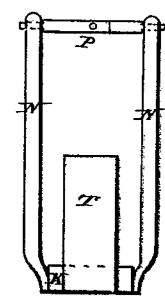


Fig: 6.



Witnesses

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UNITED STATES PATENT OFFICE.

LEOPOLD BLEIER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN FAUCET-LOCKING DEVICES.

Specification forming part of Letters Patent No. **181,031**, dated August 15, 1876; application filed May 12, 1876.

To all whom it may concern:

Be it known that I, LEOPOLD BLEIER, of Brooklyn, Kings county, State of New York, have invented an Improvement in Locking Devices for Faucets, of which the following is a specification:

The object of my invention is to combine with a faucet a locking device that will not only be easy of adjustment, but at the same time prevent the possibility of being tampered with without exposing the fraudulent attempt upon the internal revenues; and the nature of my invention consists in forming on the tap of the faucet a square or other angular shoulder, and combining therewith a collar having arms attached thereto to lock into the wheel on the front end of the valve-stem, to prevent the unscrewing of the valve from its seat, unless the arms are withdrawn from the wheel; second, in combining with the collar a screw-tap, arranged within a sealed case so as to project out from its rear end to screw into the other side of the liquor-tank, and thus preventing the faucet from being unscrewed without breaking the seal on the front end of screw-tap case to unscrew it from the side of the tank; and, third, the combination of the screw-tap and its shell or case with the screw-plug, and any suitable initial sealing-wax or plaster, to be applied by the internal-revenue superintendent or other official, as a means of preventing the screw-tap being tampered with.

But to describe my invention more particularly, I will refer to the accompanying drawings, forming a part of this specification, the same letters of reference, wherever they occur, referring to like parts.

Figure 1 is a side view of the faucet and attachment. Fig. 2 is a cut sectional view of the same. Fig. 3 is a front end view. Fig. 4 is a rear end view. Fig. 5 is a plan view of the faucet and attachment. Fig. 6 is a detached view of the locking devices.

Letter A represents the barrel of the faucet; B, the screw-tap, and C the discharge-pipe. Within the barrel is arranged a stem, D. On its interior end is secured a disk-valve, E, which shuts off the outflow of any liquor from the tank, by being screwed down upon its seat. This valve may be made of a cone shape, if desired, or like a piston, to fit a corresponding bore in the rear part of the barrel, and thus retain its place, though it is slightly loose on the end of the valve-stem. For the purpose of opening and closing the valve on its seat, a screw-thread, F, is cut on the stem, which works in the female screw in the axis of the cap-plate G, secured into the front end of the faucet-barrel. On the front end of the cap-plate G a stuffing-box, H, is is secured. J is the wheel for rotating the valve-stem. On the shoulder of the screw-tap B is formed a hexagonal bearing, L. Any angular-faced bearing, to prevent the turning of the collar K, answers an equally good purpose. Between the bearing L and the screw-threads of the tap B is a blank space, M, of about the same width of the collar K. The object of this is to prevent the tap from screwing into the side of the tank to its full length; and, second, to leave space enough for retracting the collar on the screw-tap, to withdraw the arms N attached solidly on each side of it from the openings in the wheel J, that it may be turned to unscrew the valve from its seat to draw the liquor from the tank. These arms N extend beyond the face of the wheel J, and are connected together by links P, and then locked, so that when thus locked the arms of the wheel J, acting against the arms N, prevent the release of the valve from its seat, and of course the drawing of any liquor from the tank unless by the consent of the revenue officials. To prevent the faucet being withdrawn from the tank, an auxiliary screw-tap, R, is combined with the collar K, by means of the stud S and case T. This case T is of about the same depth as that of the screw-tap B, having a diameter of bore equal to the head of a screw, while the aperture for the stem of the screw R at its rear end may be less than half in diameter. The object of this is that a small screw may be used; and, second, the length of the case to sheathe the auxiliary screw-tap R, or nearly so—that is, the screw-tap R is intended to be screwed into the side of the tank after the faucet has been attached, and to a depth a little deeper than that of the tap B. Now, it will be obvious that, as the mouth of the case T is secured by a screw-plug, U, over which

the internal-revenue official has affixed his seal, the auxiliary screw-tap R cannot, by any external appliances to it at or near its entrance into the side of the tank, be entirely withdrawn from it, because of its length, unless the seal be broken to remove the screw-plug U, and thus allow of the removal of the screw. The material used for sealing the plug in the case may be plaster or wax, or may be any other suitable plastic material that cannot be displaced except by design, and the utter destruction of the sealing device.

Having now described my invention I will set forth what I claim and desire to secure by by Letters Patent of the United States—

1. The faucet A, having a hexagonal shoulder, L, and blank space M, constructed thereon intermediate of the barrel A and screw-tap B, substantially as described, and for the purposes set forth.

2. The collar K, arms F, wheel J, and links P, in combination with a faucet when constructed with a hexagonal shoulder, L, and blank space M adjoining each other, and intermediate of the barrel A and screw-tap B, as a means of locking and unlocking the valve-plug E from its seat in the faucet, without separating the collar K therefrom, as hereinbefore described.

3. In combination with the collar K, the case T, and auxiliary screw-tap R, substantially as described, and for the purposes set forth.

4. In combination with the auxiliary screw-tap R and case T, the sealing screw-plug U, and any suitable plaster or plastic sealing material as an external coating or facing to the plug U, to receive the impression of the stamp or initials of the inspecting revenue officials.

LEOPOLD BLEIER.

Witnesses:
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CHAS. M. HALL.