

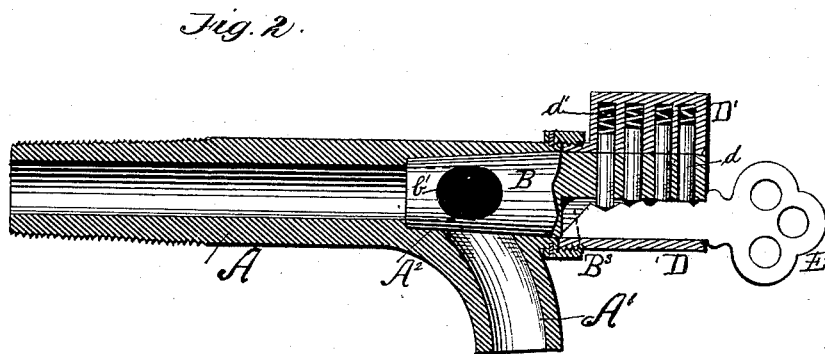
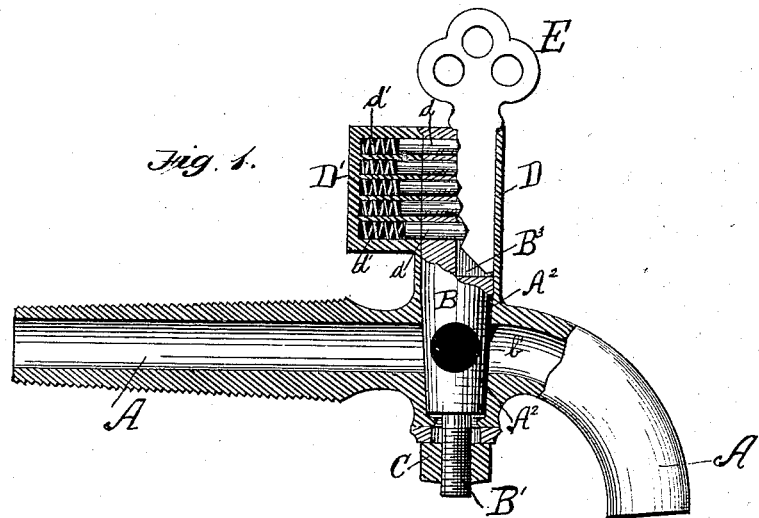
(No Model.)

W. S. CAMPBELL.

LOCK FAUCET.

No. 264,241.

Patented Sept. 12, 1882.



WITNESSES
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LOCK-FAUCET.

SPECIFICATION forming part of Letters Patent No. 264,241, dated September 12, 1882.

Application filed March 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM SIMPSON CAMPBELL, a resident of the city of New Orleans, parish of Orleans, and State of Louisiana, have
5 invented a certain new and useful Improvement in Combination-Lock Faucets; and I do hereby declare the following to be a full, clear, and correct description of the same, reference being had to the annexed drawings, making a
10 part of this specification.

This invention relates to that class of faucets in which the turning of the plug is governed by a lock, so that the liquid cannot be drawn except by a person having a key adapted
15 to said lock.

My invention consists in the combination of a faucet with a rotary plug having a slot or recess in its end, a key adapted to enter said recess and turn said plug, and pins and springs
20 which serve as a lock, substantially as set forth.

In the accompanying drawings, Figure 1 represents a vertical longitudinal section of a faucet embodying my invention, the spout being shown in exterior side view; and Fig. 2 represents a similar view, in longitudinal section, of
25 a modified form of faucet embodying my invention.

The same letters designate corresponding parts in the two figures.

30 A designates the barrel of a faucet, which is externally screw-threaded, as usual, for insertion in a barrel or other receptacle for liquids.

A' designates the bent discharge-spout, which is also of usual construction.

35 The hollow conical seat A² for the plug B is located at the junction of the spout and barrel. In Fig. 1 this seat for the plug or rotary valve is shown as vertical, and at right angles to the barrel. It extends both above and below the same, and on the under side has an opening, a, which allows a screw-threaded stud or bolt, B', firmly attached to the lower end of the plug, to protrude. An external nut, C, fitting on this screw-threaded stud or bolt, serves
40 to tighten this plug on its seat. This plug or conical valve B is provided with the usual way, b', and operates in the ordinary manner to cut

off or allow the flow of liquid through the faucet, according to the position occupied by said way. Above said plug is the barrel D of a
50 lock constructed in the style of the well-known Yale locks, said barrel having on one side an offset, D', provided with a series of horizontal partitions forming intervening sockets or guide-ways, each of which receives a sliding pin, d,
55 and a spring, d', behind the latter. These spring-pressed pins control the operation of the key in the usual way—that is to say, they will allow the turning of no key except the one to which the set of pins has been specially
60 adapted.

E designates a key adapted to said lock, which, when thrust in to its utmost point, will engage with the plug, so that both may turn together. To effect this engagement I form
65 a narrow recess, B³, or slot in the head of the plug. The pointed inner end of the key enters this recess, as shown in both figures. Of course, when the key turns the plug will turn with it.
70

In Fig. 2 the barrel of the lock is shown as arranged in line with the barrel of the faucet. The plug has no bolt or nut at its inner end, and the way or passage through the plug is bent, one end being at the end of the plug
75 and the other at the side thereof. The pins and springs of the lock are arranged vertically instead of horizontally. The operation is, however, substantially the same.

Having thus described my invention, what I
80 claim as new, and desire to secure by Letters Patent, is—

The combination of a faucet with rotary plug B, having a slot or recess, B³, in its end, a key, E, adapted to enter said recess and turn
85 said plug, and pins d and springs d', which serve as a lock, substantially as set forth.

In testimony whereof I hereunto sign my name.

WILLIAM SIMPSON CAMPBELL.

In presence of—

J. C. HUBBELL,
P. J. FINNEY.