

J. H. LAWLESS.

ADJUSTING PLUMBERS' FAUCETS.

No. 169,645.

Patented Nov. 9, 1875.

Fig. 1.

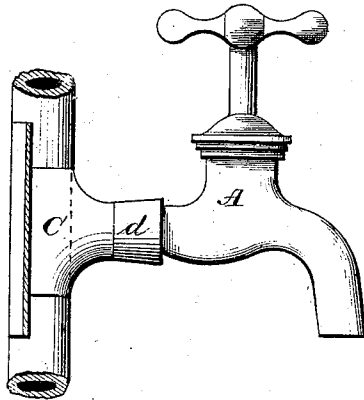
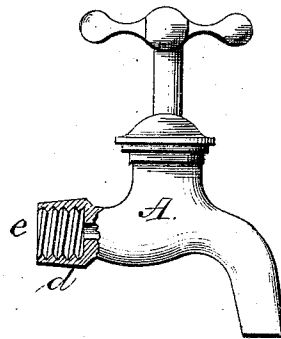
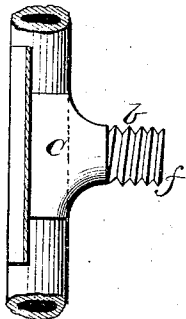


Fig. 2.



Attest:

Franklin Barrett
Richard Gerner,

Inventor:

John H. Lawless
Br.

Henry Gerner.
Atty.

UNITED STATES PATENT OFFICE

JOHN H. LAWLESS, OF JERSEY CITY, NEW JERSEY.

IMPROVEMENT IN ADJUSTING PLUMBERS' FAUCETS.

Specification forming part of Letters Patent No. **169,645**, dated November 9, 1875; application filed August 30, 1875.

To all whom it may concern:

Be it known that I, JOHN H. LAWLESS, of Jersey City, in the county of Hudson and State of New Jersey, have invented certain Improvements in Adjusting Plumbers' Faucets, of which the following is a specification:

The object of my invention is to adjust plumbers' faucets in a quick and cheap manner when they require to be replaced.

Faucets are, by solder-joints, attached to lead pipes in the buildings, and when a faucet is damaged, and must be removed and replaced by a new one, the joint must be broken and made anew, which requires considerable labor and time, as the pipes must be loosened and removed from the walls in order to enable the plumber to make a new joint.

In order to save time, labor, and disfigurement of walls, I cut vertically through the neck of the faucet—say about one-half of an inch, more or less—from the end of the solder-joint around the end of the neck. This severing of the neck is readily and quickly done by aid of a metal-saw. I then cut a thread on the projecting end of the neck, and cut, also, a corresponding thread on the inside of the end of a new faucet-neck. After suitable cement is put on the threads the new faucet is screwed onto the end of the neck projecting from the joint, and is thus adjusted cheaply and quickly in a durable manner.

Referring to the accompanying drawing forming a part of this specification, Figure I represents a side view of an adjustable faucet embodying my invention. Fig. II represents the faucet when detached.

A is the faucet; *b*, the end of the neck projecting from the solder-joint C. *d* is the end of the neck, with inside thread *e*, of a faucet to be adjusted to the projecting end *b*, with the outside threads *f*.

I desire it clearly understood that I do not claim as my invention the adjustment and attachment in general of plumbers' faucets to pipes, as now commonly practiced.

My invention relates only to the adjustment of new faucets to the ends of old faucet-necks severed from damaged faucets and remaining in the solder-joints.

Having thus described my invention, I desire to claim—

The improved mode of renewing, adjusting, and attaching plumbers' faucets to pipes, substantially as described, and for the purpose set forth.

This specification signed this 23d day of August, 1875.

JOHN H. LAWLESS.

Witnesses:

ANTON C. CRONDAL,
VALENTINE DIXON.