(No Model.)

A. MAYER.

SELF CLOSING FAUCET.

No. 478,199. Patented July 5, 1892.

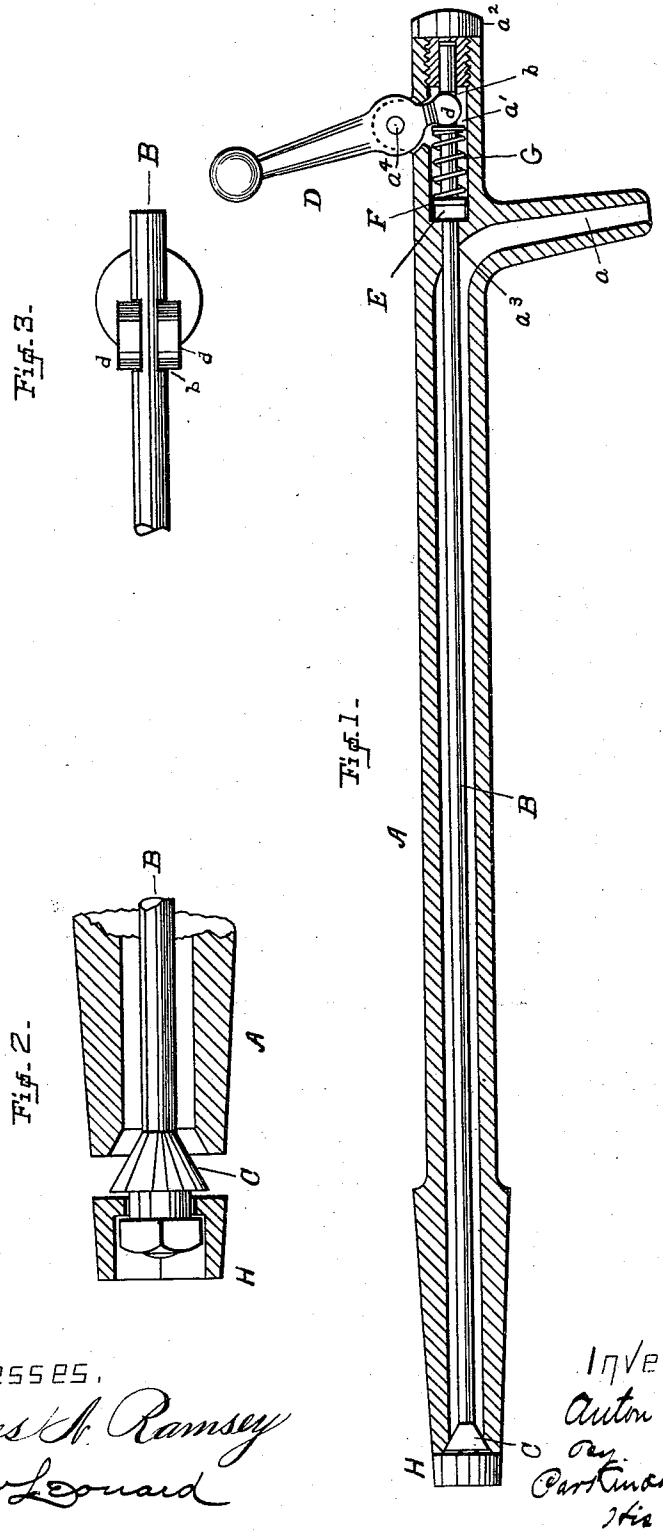

Fig. 1.

Fig. 2.

Fig. 3.

Witnesses.
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UNITED STATES PATENT OFFICE.

ANTON MAYER, OF CINCINNATI, OHIO, ASSIGNOR TO RUDOLPH J. MEISER, OF SAME PLACE.

SELF-CLOSING FAUCET.

SPECIFICATION forming part of Letters Patent No. 478,199, dated July 5, 1892.

Application filed August 28, 1891. Serial No. 403,939. (No model.)

To all whom it may concern:

Be it known that I, ANTON MAYER, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented a certain new and useful Improvement in Self-Closing Faucets, of which the following is a specification.

The object of my invention is to provide a simple, effective, and durable self-closing faucet for beer-packages and analogous uses, to provide a faucet which when closed will not retain any portion of the contents of the package, and to provide protection for the working parts of the faucet while it is being driven into the package.

My invention consists in the construction and arrangement of parts hereinafter more specifically pointed out and claimed.

In the drawings, Figure 1 is a longitudinal view, partly in section, of one of my improved faucets. Fig. 2 is an enlarged view, partly in section, showing the valve and the valve-guard. Fig. 3 is a detail showing the reduced portion of the valve-stem over which the jaws of the lever take.

A is the shell or casing of the faucet, and *a* the discharge-opening.

B is the valve-stem, carrying at one end a valve C, preferably of conical shape, adapted to take into a suitable seat in the ingress end of the faucet. A nut *b* serves to keep the valve from slipping off the valve-stem.

The shell of the faucet is prolonged beyond the discharge-opening, and in the extended portion is a chamber a', to which access may be had by means of a screw-cap a^2. The outer end of the valve-stem takes through a suitable aperture a^3 in the shell of the faucet into a socket in the screw-cap a^2. The valve-stem is reduced at *b* to receive the jaws *d* of a lever D, fulcrumed at a^4.

E is an elastic packing, F a washer, preferably metallic, and G a spring coiled about the valve-stem and pressing it outwardly. The jaws of the actuating-lever afford a convenient bearing for the outer end of the spring.

H is a guard-cap taking over the nut on the end of the valve-stem and moving with the valve. This guard is so arranged that when the valve is closed the inner end of the guard abuts against the end of the faucet and the faucet may be driven without danger of injury to any of the working parts.

The valve being at the inner end of the faucet, the faucet drains itself through its entire length, and none of the contents of the package are retained in the faucet to their injury when not in use.

I claim as my invention—

1. The combination, in a faucet, of a valve-stem, a valve seated in the inner end of the faucet-casing, and a guard-cap for the valve-stem, carried by the stem and seating against the inner end of the faucet-casing, substantially as and for the purpose specified.

2. The combination, in a faucet, of a valve-stem, a valve seated in the inner end of the faucet-casing, a spring adapted to press against the valve-stem outwardly, a lever adapted to actuate the valve-stem, and a guard-cap taking over the inner end of the valve-stem and carried thereby, substantially as and for the purpose specified.

3. The combination, in a faucet, of the valve-stem B, the valve C, the chamber a', the spring G, the lever D, the screw-cap a^2, and the guard-cap H, taking over the inner end of the valve-stem and carried thereby, substantially as and for the purpose specified.

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Witnesses:
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