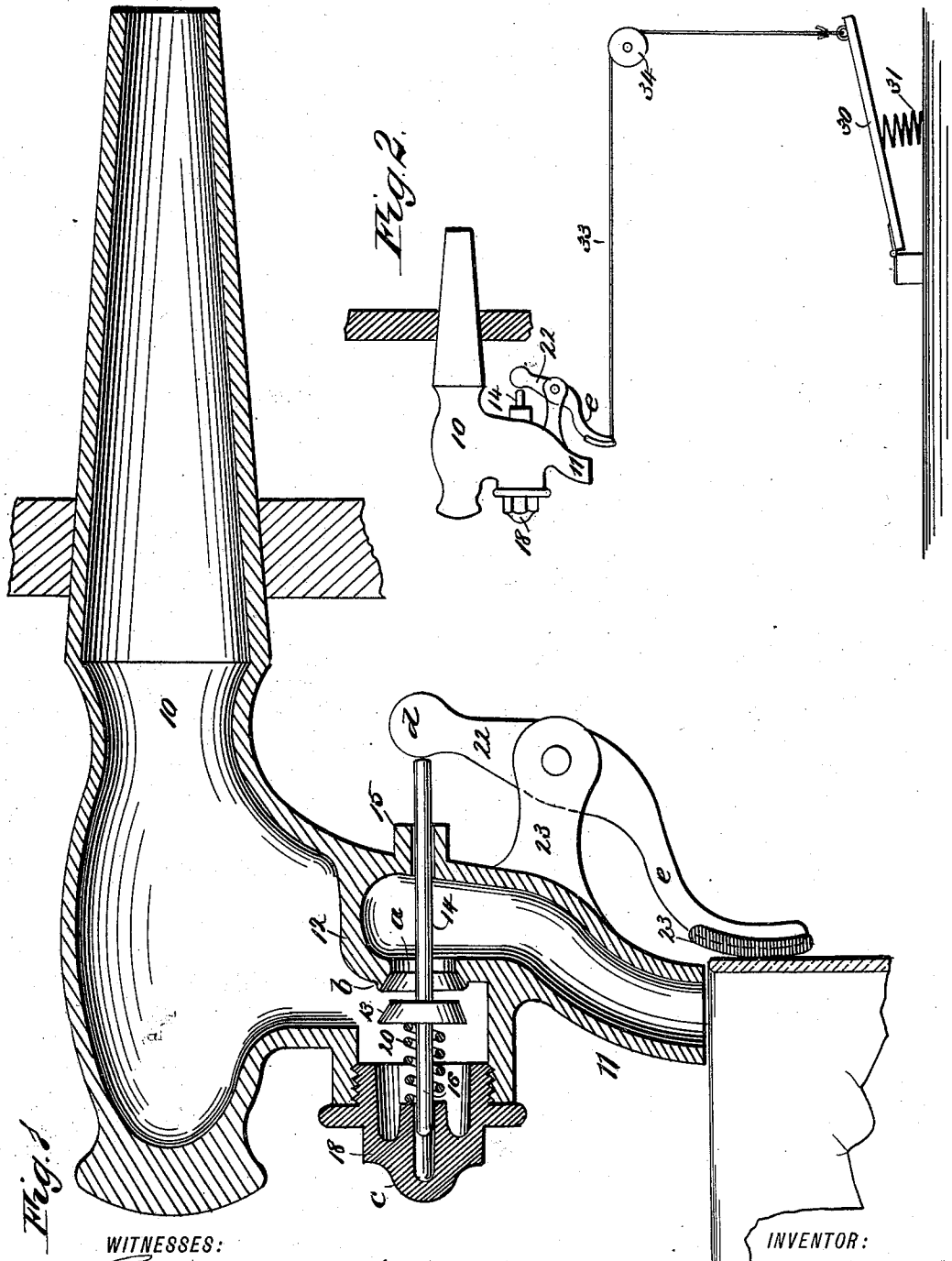
(No Model.)

A. R. BRANDLY.

FAUCET.

No. 408,687. Patented Aug. 13, 1889.



WITNESSES:

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UNITED STATES PATENT OFFICE.

AL. R. BRANDLY, OF NEW YORK, N. Y.

FAUCET.

SPECIFICATION forming part of Letters Patent No. 408,687, dated August 13, 1889.

Application filed November 28, 1888. Serial No. 292,051. (No model.)

To all whom it may concern:

Be it known that I, AL. R. BRANDLY, of the city, county, and State of New York, have invented a new and Improved Faucet, of which the following is a full, clear, and exact description.

The object of this invention is to provide a faucet wherein the valve shall be so arranged that when the vessel into which the faucet is to discharge is placed in position to receive such discharge the valve will be thrown from its seat; and to the end named the invention consists in the construction and arrangement of parts, as will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in both views.

Figure 1 is a central longitudinal sectional view of my improved faucet, and Fig. 2 is a side view of the faucet, representing the same as it appears when arranged in connection with a treadle attachment.

In the drawings, 10 represents the body or barrel of a faucet, which may be of any proper form, said body or barrel being provided with a discharge-nozzle 11. Between the chamber or bore of the barrel 10 and the bore of the nozzle 11 there is a partition 12, having an opening *a*, about which there is formed a seat *b*. In advance of the valve-seat *b*, I mount a valve 13, which is provided with a stem 14, that extends through the bore of the nozzle and out through an apertured boss 15, the valve being also provided with a stem 16, which rides in a recess *c*, formed in a plug 18, said plug being connected to the body or barrel 10, as shown in the drawings.

In order that the valve 13 may be normally held to its seat, I coil a spring 20 about the stem 16, said spring abutting against the plug 18 and against the outer face of the valve.

In order that the valve 13 may be forced from its seat when it is desired to draw liquid from the faucet, I mount a lever 22 upon a bracket 23, which extends to the rear of the nozzle 11, this lever being formed with an upwardly-extending arm *d*, that bears against the projecting end of the valve-stem 14, and with a downwardly-extending arm *e*, which is bent forward, as shown, the weight of the arm *e* acting to hold the end of the arm *d* against the stem 14.

As shown best in Fig. 1, the arm *e* extends somewhat below the nozzle 11, and to the forward face of the arm there is connected a rubber pad 23.

In operation the vessel into which the liquid is delivered from the faucet is placed against the lower end of the arm *e*, thus carrying the valve 13 from its seat *b* and permitting the liquid to flow freely through the bore of the barrel 10 and into the bore of the nozzle 11, the pad 23 acting as a cushion and preventing any accidental breakage of the vessel should such vessel be made of fragile material. When the vessel is withdrawn, the spring 20 will act to close the valve.

Should it be desired to hold the valve open for any length of time, the lever 22 could be connected to a flap or treadle 30, hinged to the floor and normally upheld by a spring 31, the connection between said flap and the lever 22 being established by means of a cord or string 33, which is arranged to pass over a sheave 34 or through a screw-eye.

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

1. The combination, with the faucet-barrel 10, having a downward-extending nozzle 11, provided with a vertical partition 12, having a transverse opening *a* and a valve-seat *b* around the same, of the transverse valve-stem 14, extending through the opening *a* and through the rear wall of the nozzle, as at 15, a spring pressing the valve against its seat, a vertically-rocking lever pivoted between its ends to the rear side of the nozzle, bearing at its upper end against the exposed end of the transverse stem 15 and at its lower end extending adjacent to and below the discharge end of the nozzle, substantially as set forth.

2. A faucet consisting in the barrel 10, having a downward-projecting nozzle 11, provided with a partition 12, and horizontally-aligned openings in the partition, the front end of the barrel and rear wall of the nozzle, respectively, the valve-seat *b* around opening *a*, and the plug 18 in the latter opening and provided with a recess *c*, the valve 13 closing against the seat and having a horizontal stem 16 en-

tering recess *c*, and a similar stem 14 extending through the other two openings, the lever 22, pivoted between its ends to the sides of the nozzle with the upper end bearing against the exposed end of the stem 15 and its lower end projecting below and adjacent to the lower end of the faucet, and a pad 23 on the lower end of the said lever, substantially as set forth.

AL. R. BRANDLY.

Witnesses:
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