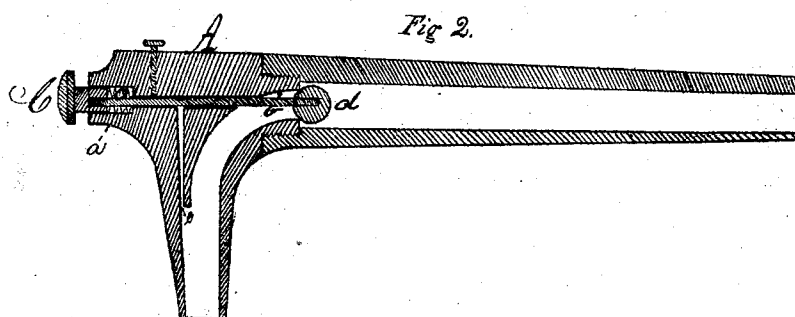
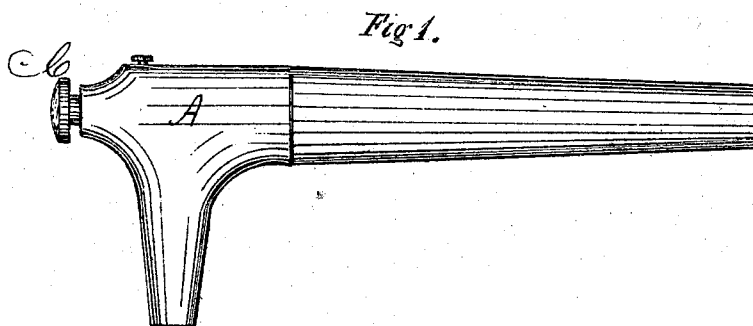


Charles Utter & George E. Bruster

— Improved Faucet. —

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PATENTED AUG 1 1871



Witnesses:
Parker H. Sweet Jr.
W. D. Payton.

Inventors:
C. Utter & G. E. Bruster
by their Attorneys.
Drake & Co.
Newark, N. J.

UNITED STATES PATENT OFFICE.

CHARLES UTTER AND GEORGE E. BRUSTER, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN FAUCETS.

Specification forming part of Letters Patent No. 117,699, dated August 1, 1871.

To all whom it may concern:

Be it known that we, CHARLES UTTER and GEORGE E. BRUSTER, both of Newark, New Jersey, have invented certain Improvements in Faucets, of which the following is a specification:

Our improvements consist, first, in having the faucet made in sections and screwed together at the point where the valve is placed, substantially as shown in Figure 1 of the drawing.

Through the section marked A passes a rod, *b*, to the end of which is secured a ball, *d*, which constitutes the valve. Said ball *d* is made to close the aperture in the faucet through which the liquid passes perfectly tight, being pressed against said aperture by means of a spiral spring, *a*, or its equivalent. Said spring rests on a seat near the top of the faucet and presses against the knob C, substantially as shown in the figure.

Thus it will be seen that, by means of the spring and the pressure of the liquid against the ball, the aperture is kept closed until a pressure is brought to bear on the knob, which opens the valve and allows the liquid to escape freely through the main avenue, as indicated by the

dots. As a means of preventing any liquid from escaping at the point where the knob is placed an extra outlet, *e*, is provided, which intersects with the hole through which the rod passes, which allows any liquid to escape which might find its way beyond the main outlet. The knob C is screwed onto the rod *b*, and may be removed in a moment, when, by simply unscrewing the sections, the valve may be taken out at any time, when necessary for repairs or otherwise, without the aid of a plumber or unsoldering from the pipe, the whole construction being simple, durable, and cheap.

What we claim as new, and desire to secure by Letters Patent, is—

The secondary or waste-outlet *e* of the faucet A, in combination with the knob C, coiled spring *a*, rod *b*, and ball-valve *d*, constructed, arranged, and operating as herein shown and described.

CHARLES UTTER.
GEORGE E. BRUSTER.

Witnesses:

OLIVER DRAKE,
ELIAS FRANCIS.