

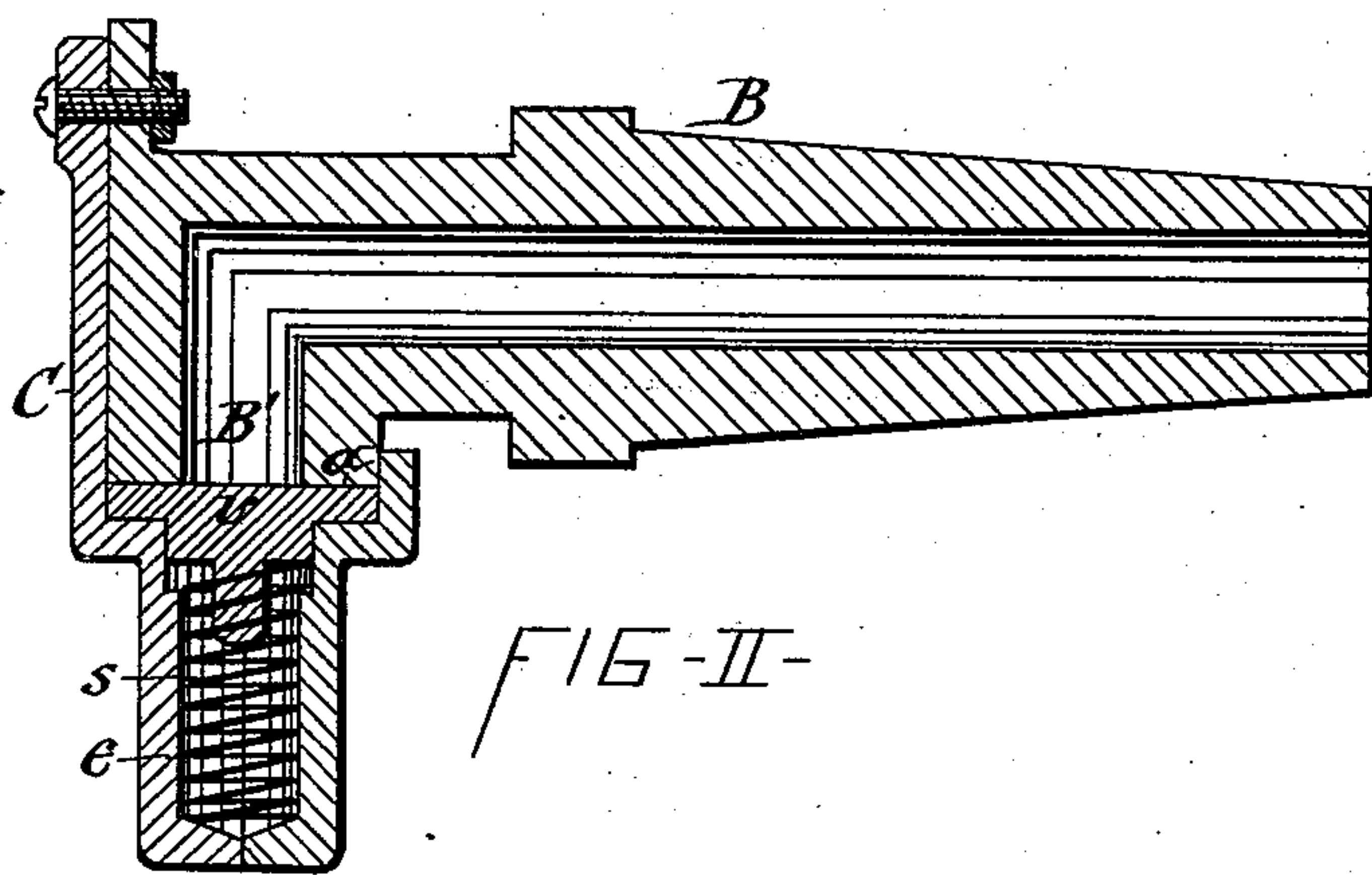
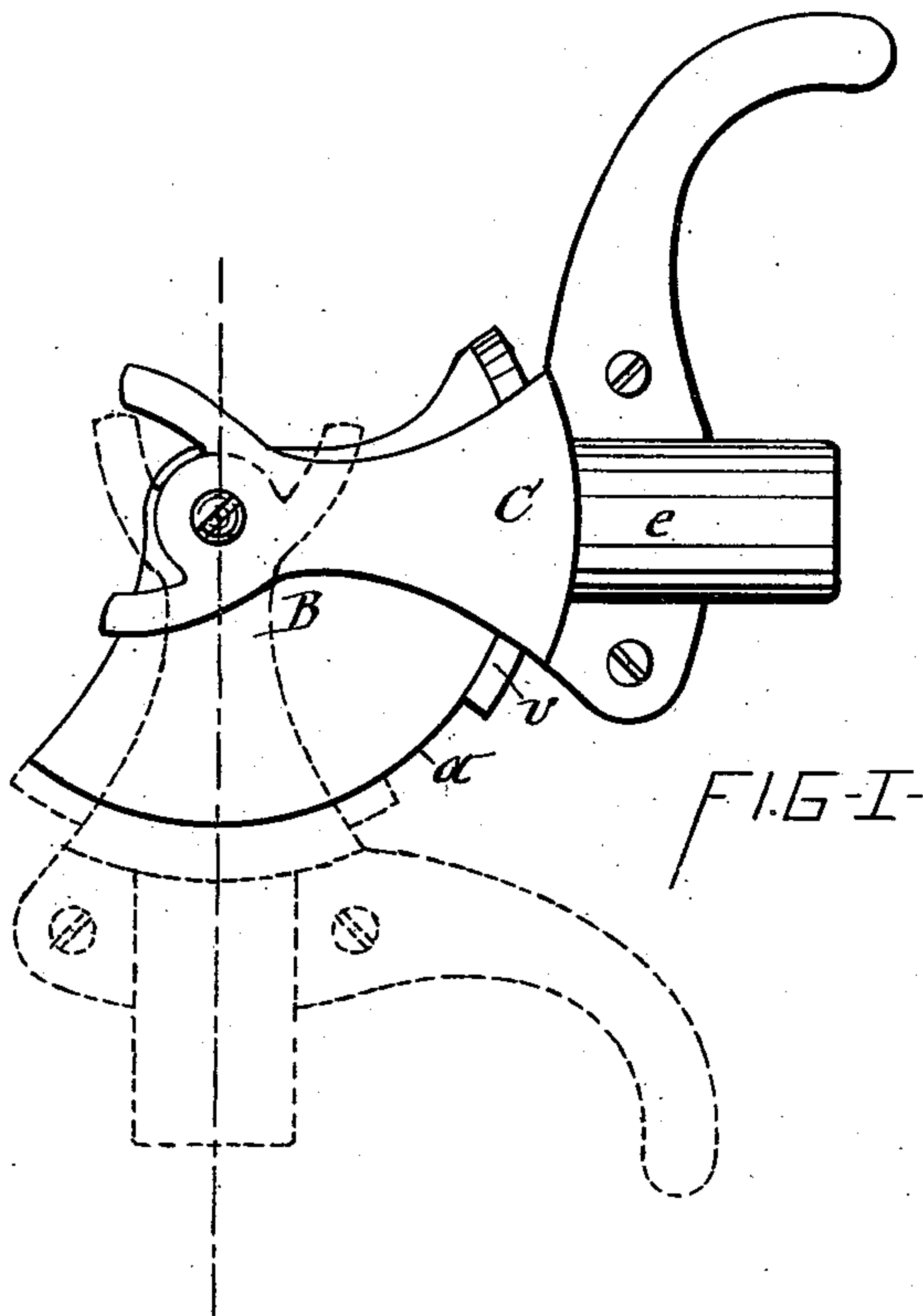
(No Model.)

2 Sheets—Sheet 1.

E. U. SCOVILLE.
FAUCET.

No. 378,020:

Patented Feb. 14, 1888.



WITNESSES

Ch. Bendixson

Wm. Q. Raymond

INVENTOR

Elijah U. Scoville

per Hunt, Lauss & Hey
his atty

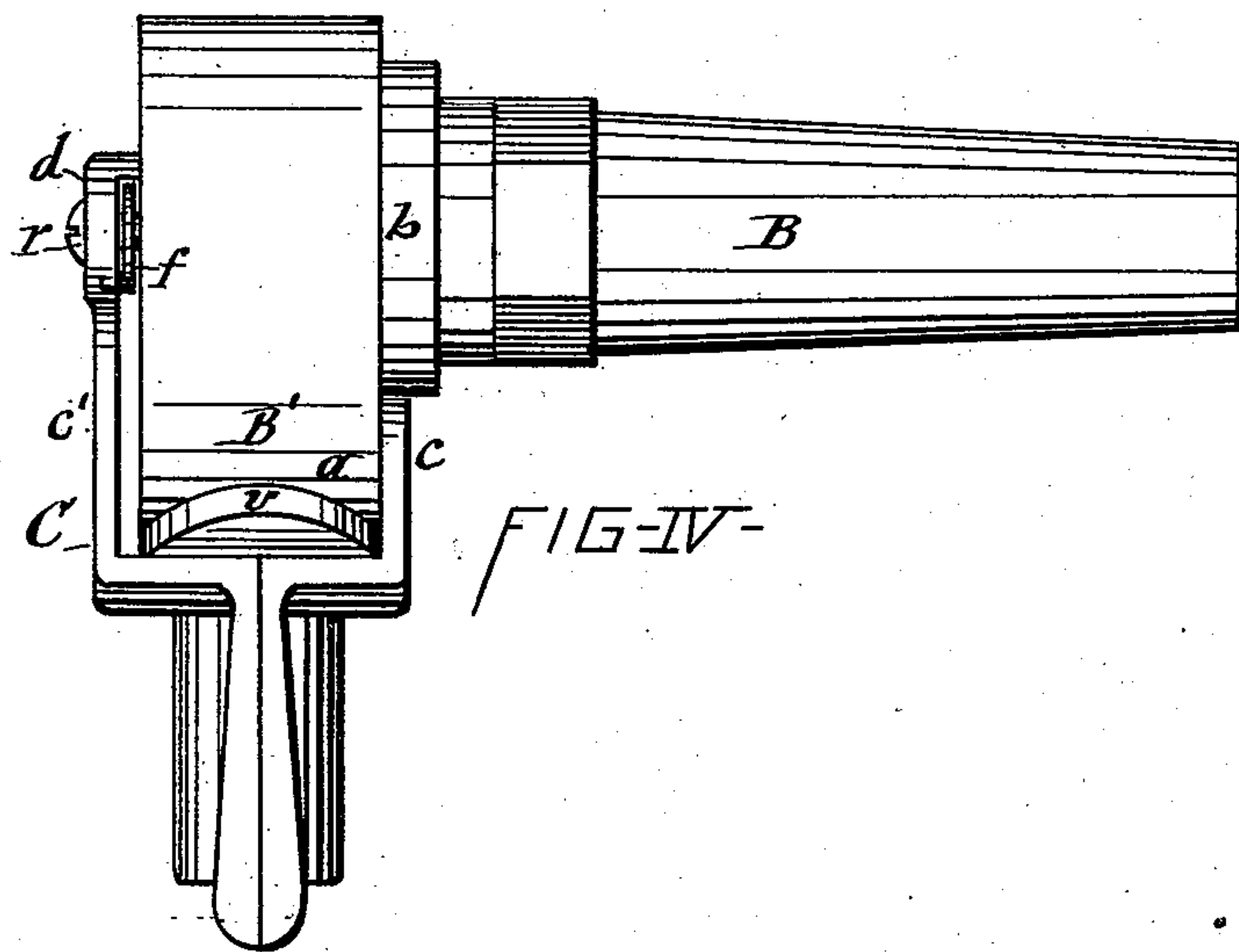
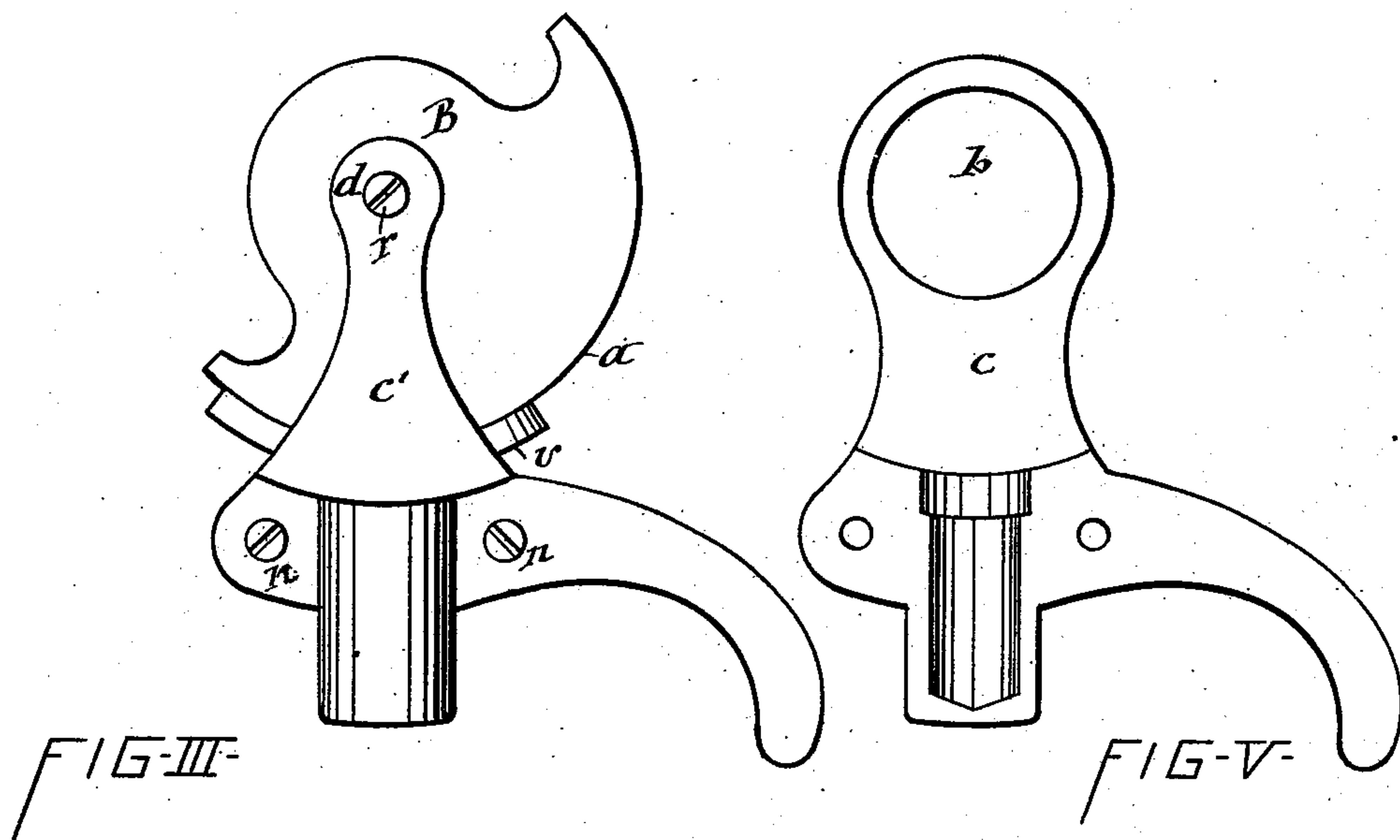
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WITNESSES

C. Bendison

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INVENTOR

Elijah U. Scoville

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UNITED STATES PATENT OFFICE.

ELIJAH U. SCOVILLE, OF MANLIUS, NEW YORK.

FAUCET.

SPECIFICATION forming part of Letters Patent No. 378,020, dated February 14, 1888.

Application filed April 29, 1884. Serial No. 129,703. (No model.)

To all whom it may concern:

Be it known that I, ELIJAH U. SCOVILLE, of Manlius, in the county of Onondaga, in the State of New York, have invented new and
5 useful Improvements in Faucets, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of faucets
10 in which a gate slides over the discharge end of the faucet, the discharge of said faucets being usually at the end thereof, and in consequence of this considerable room is required in front of the faucet for the placement of the
15 measures and receptacles to be filled; and, furthermore, the liquid with which the front face of said faucets is usually more or less coated is liable to soil the clothes of persons passing by the faucet.

20 My present invention is designed to obviate the aforesaid defects and at the same time to arrange the valve at the side of the faucet-barrel in such a manner as to cause all parts of the face of said valve to move parallel and
25 corresponding distances over the face of the valve-seat on the barrel, and thus distribute the wear uniformly over the said faces, and consequently maintain them properly fitted to each other for a greater length of time; and
30 to that end my invention consists of the following construction and combination of the component parts thereof.

The invention is fully illustrated in the annexed drawings, wherein—

35 Figure 1 is a front end view of a faucet embodying my improvement, showing the gate thereof in an open position. Fig. 2 is a longitudinal section of the same, with the gate in a closed position. Fig. 3 is a front end view
40 of a modification of the detail arrangement of parts. Fig. 4 is a plan view of the same, and Fig. 5 is a detached view of one of the sections of which the gate is formed.

45 Similar letters of reference indicate corresponding parts.

B denotes the barrel of the faucet, formed with a laterally-turned discharge end, B', and thus having its discharge-opening at the side of the barrel, which latter is provided with a
50 segmental convex face, *a*, which is arranged parallel with the axis of the barrel, and over which moves a gate, C, which is formed with

arms pivoted on the barrel and extending therefrom at right angles to the axis of the barrel. Between the gate C and convex face
55 or valve-seat on the barrel I interpose a valve, *v*, which is carried by the gate and has a concave face parallel with the axis of the barrel and corresponding to the convexity of the valve-seat, against which latter the said valve
60 is pressed by a spring, *s*, seated in a socket, *e*, in the gate C, and bearing on the back of the valve, as shown in Fig. 2 of the drawings.

In order to obtain a more secure hold for the gate C on the barrel B, I form the gate of
65 two sections, *c* and *c'*, fastened together by screws *n n*, as shown in Fig. 3 of the drawings. The section *c* is formed with an eye, *b*, adapted to be slipped over the rear end of the barrel B and closely embrace the same at the lateral
70 discharge end B'. The other gate-section, *c'*, is provided with an eye, *d*, for the reception of a screw or pin, *r*, by which it is pivoted to the end of the barrel B. *f* represents a coil-spring connected at one end to the screw *r*
75 and at the opposite end to the gate *c*, and strained to normally hold the gate in a closed position.

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

The combination of the barrel B, having the discharge end of its duct terminated at right angles to the longitudinal axis of the barrel, and provided thereat with a segmental convex
85 valve-seat concentric with the longitudinal axis of the barrel, and having its axis in line with said axis of the barrel, a gate formed with arms pivoted on the barrel at right angles to the aforesaid axis, and a valve carried
90 on said gate and having a concave face corresponding to the convex valve-seat, all constructed and combined substantially in the manner specified and shown.

In testimony whereof I have hereunto signed 95 my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 18th day of April, 1884.

ELIJAH U. SCOVILLE. [L. S.]

Witnesses:

FRED. H. GIBBS,
C. BENDIXON.