

(No Model.)

2 Sheets—Sheet 1.

J. H. DORGAN.

FAUCET.

No. 291,883.

Patented Jan. 15, 1884.

fig 1,

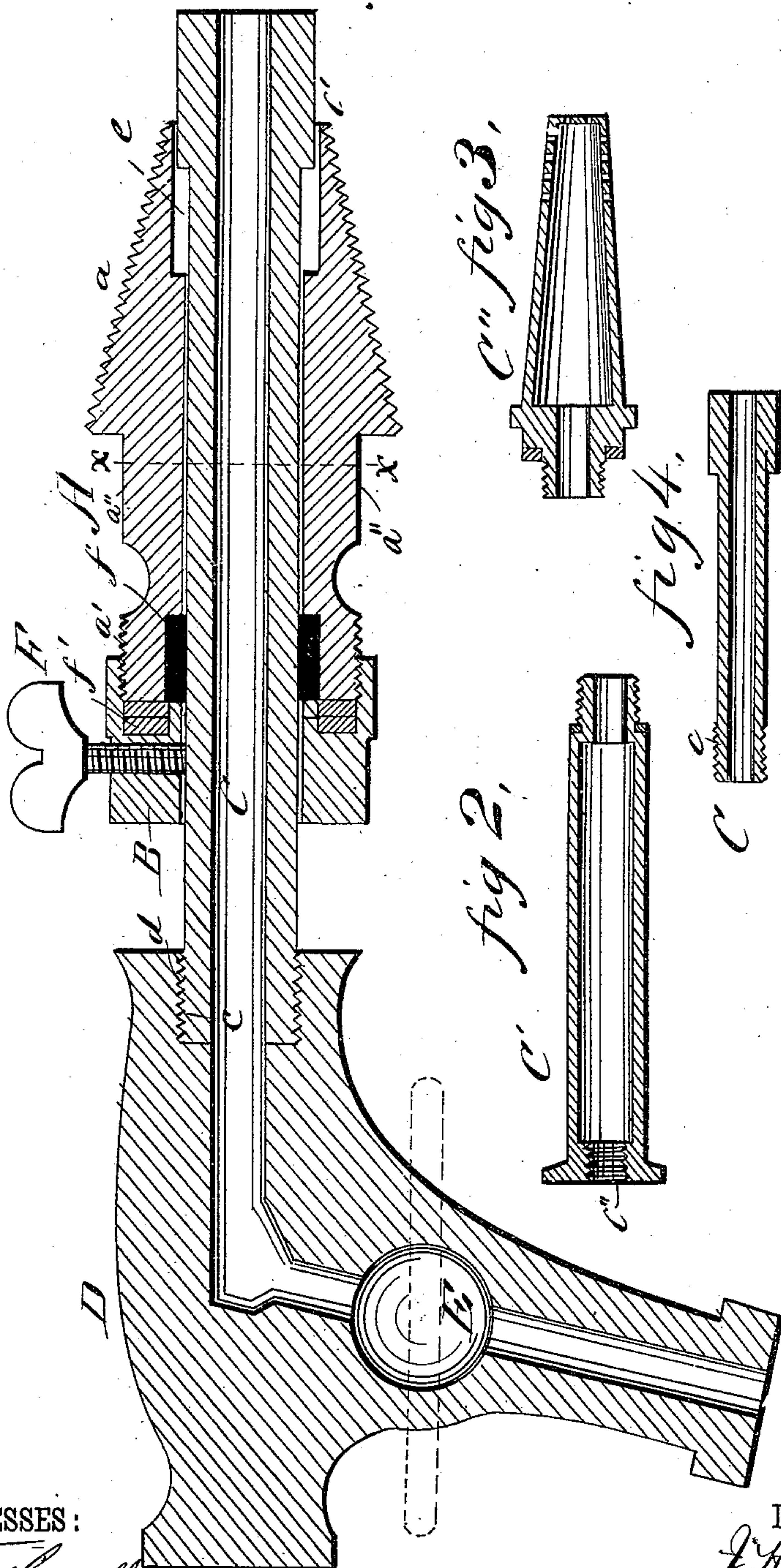


fig 2,

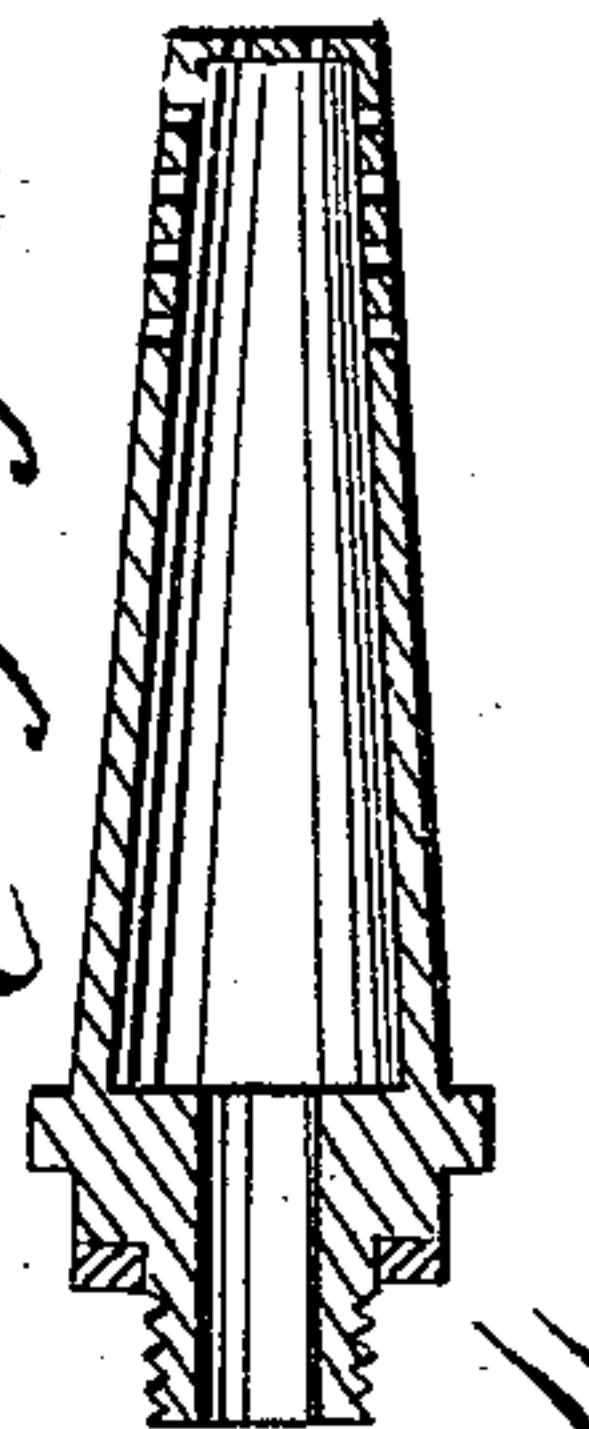


fig 3,

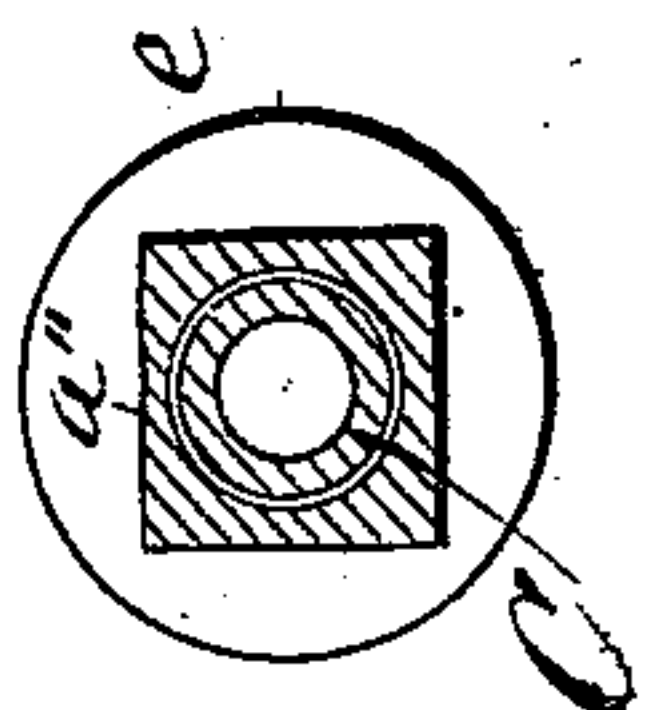
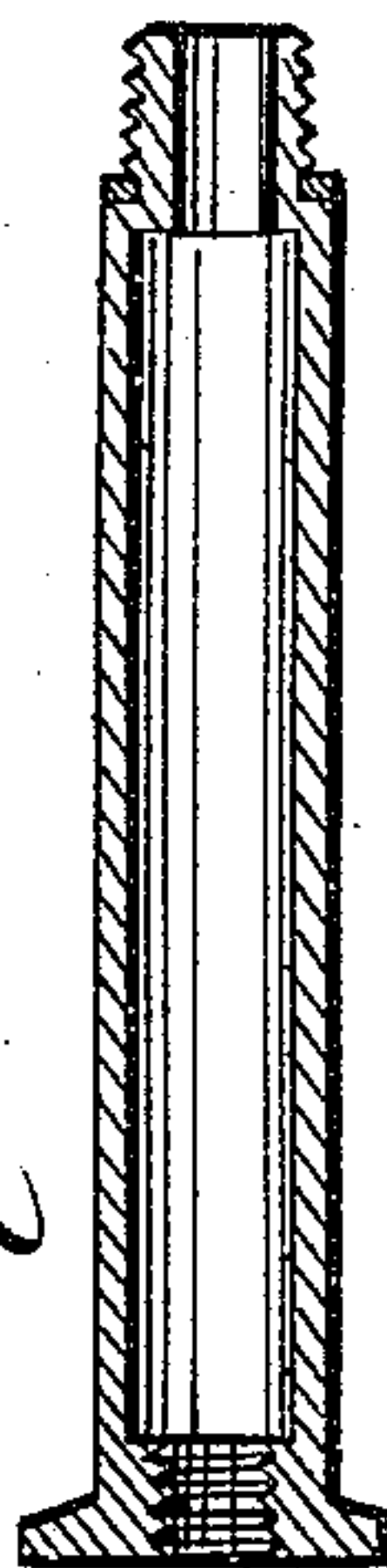
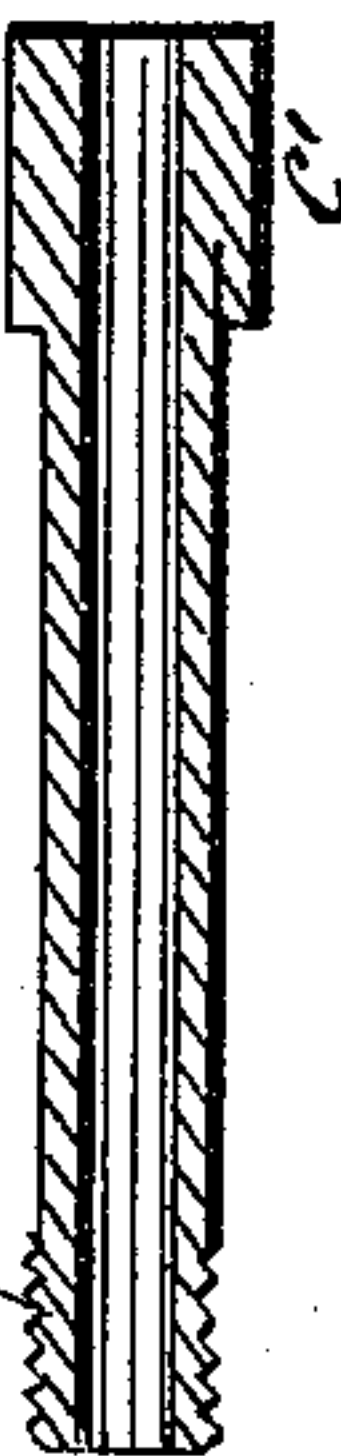


fig 5,

WITNESSES:

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C. Sedgwick*

INVENTOR:

J. H. Dorgan
BY *Munn & Co*
ATTORNEYS.

(No Model.)

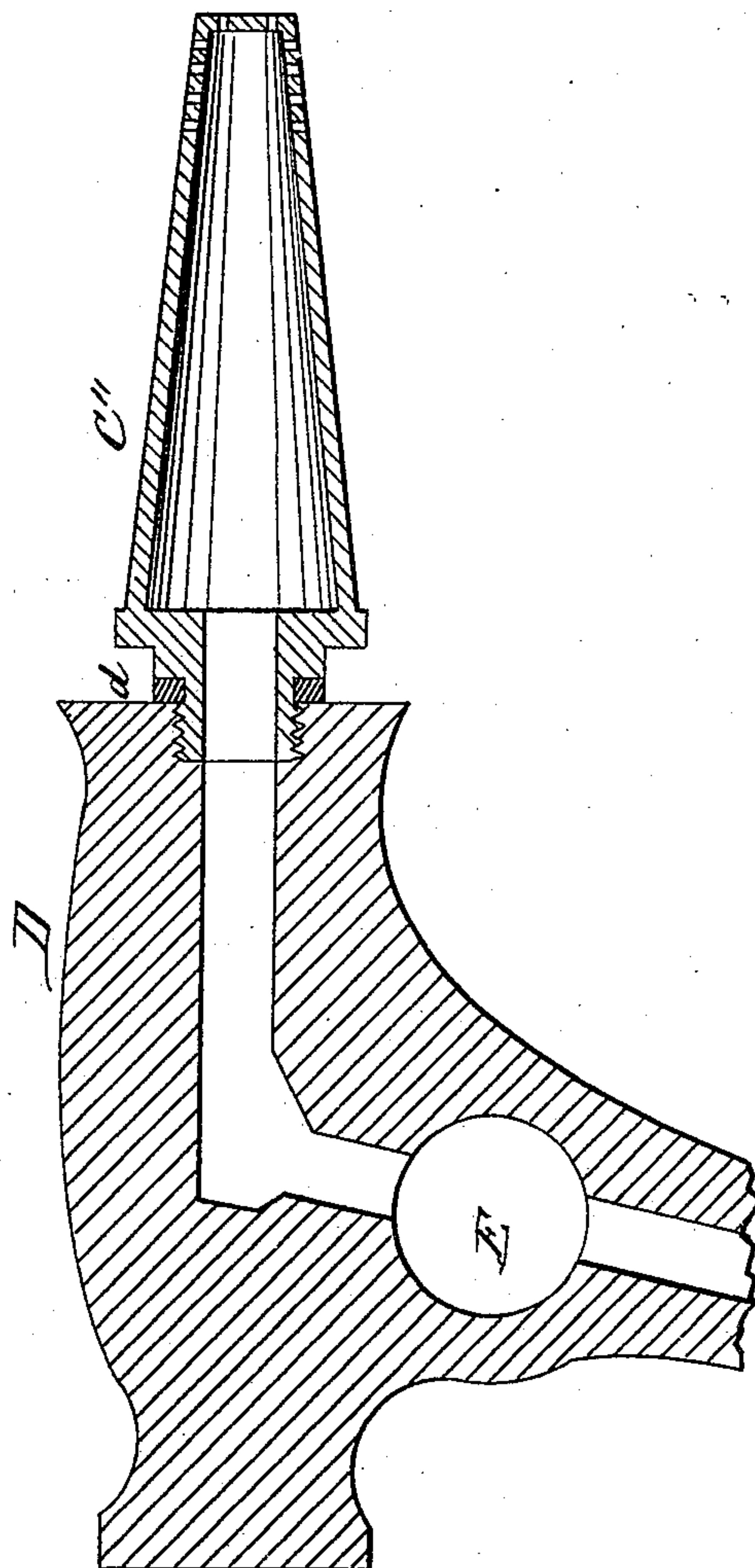
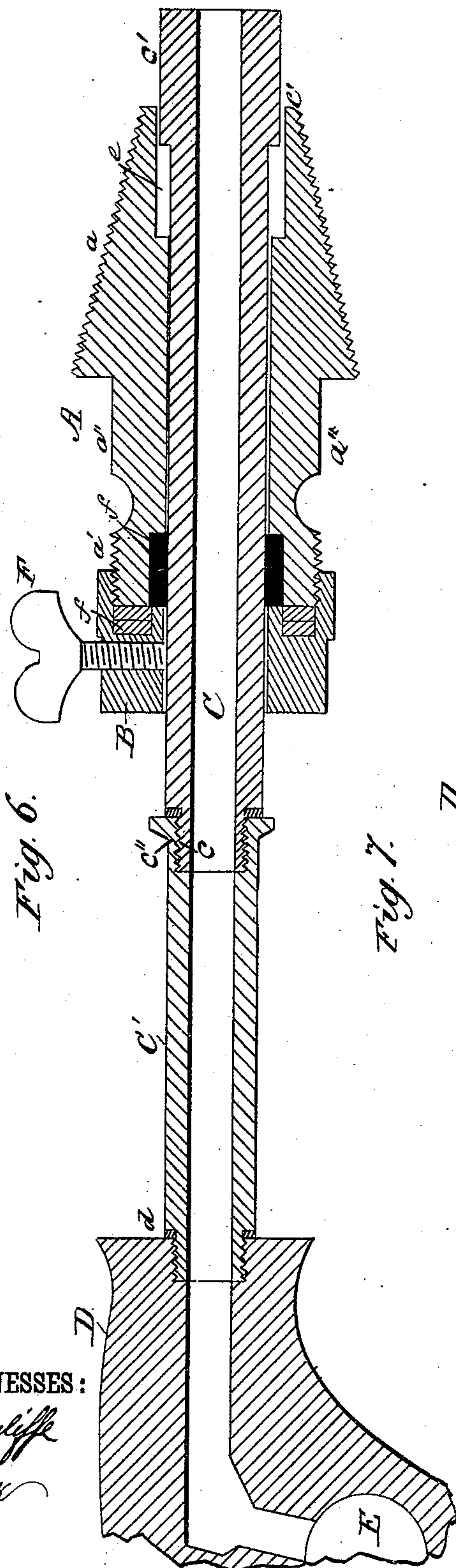
2 Sheets—Sheet 2.

J. H. DORGAN.

FAUCET.

No. 291,883.

Patented Jan. 15, 1884.



WITNESSES:
J. L. McAuliffe
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UNITED STATES PATENT OFFICE.

JOSEPH H. DORGAN, OF PLATTSBURG, NEW YORK.

FAUCET.

SPECIFICATION forming part of Letters Patent No. 291,883, dated January 15, 1884.

Application filed February 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH H. DORGAN, of Plattsburg, in the county of Clinton and State of New York, have invented a new and useful Improvement in Faucets, of which the following is a full, clear, and exact description.

This invention relates to improvements in faucets, having for its object, mainly, convenience and facility in the adjustment of the faucet in position in the barrel or cask; and it consists in the several combinations and arrangements of parts, substantially as herein-after fully set forth and claimed.

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

Figure 1 is a longitudinal sectional elevation of my new and improved faucet. Fig. 2 is a sectional elevation of an extension-tube for lengthening the faucet. Fig. 3 is a longitudinal sectional elevation of a removable conical nozzle to be used in place of the tube C for converting the faucet into an ordinary faucet. Fig. 4 is a longitudinal sectional elevation of the tube C, removed from the faucet and from the conical plug A and collar B; and Fig. 4 is a transverse sectional elevation taken on the line *xx* of Fig. 1. Fig. 6 is a view showing the faucet elongated, and Fig. 7 is a view showing it contracted.

The outer end or main head, D, of the faucet is of ordinary form, provided with the spigot E, and formed with the screw-threads *d*. The tube C is screw-threaded, as shown at *c*, and is adapted to be screwed into the main head D at *d*, and is formed at its outer end with the enlargement or offset *c'*. Upon this tube C are placed, loosely, or so that they will slide and turn freely thereon, the conical plug A and the collar B. The conical surface of the plug A is screw-threaded, as shown at *a*, and is formed at its opposite or outer end with the screw-threaded portion *a'*, on which the collar B is adapted to be screwed, as shown in Fig. 1. Upon the inside, at its forward end, the plug is chambered out, as shown at *e*, to fit over the enlargement or offset *c'* of the tube C, so that this offset will serve as a stop to the plug, and upon the inside, at its

rear or outer end, it is chambered out to receive the packing *f*. The collar B is chambered out to receive the packing *f'*, as shown in Fig. 1, so that when screwed upon the plug A a liquid-tight joint will be formed between them and around the tube C, and this collar is provided with the set-screw F, by which the collar and plug may be held fast upon the tube C.

C' is the extension-tube, which is adapted to be screwed into the main head D at *d*, and to have the tube C screwed into it at *c''* for lengthening the faucet; and C'' is a removable hollow plug, which may be screwed into the main head D, or into the extension-tube C', in place of the tube C, making the faucet a common long or short faucet, to be put in the barrel or cask and used in the ordinary manner.

When the faucet is arranged, as shown in Fig. 1, to insert it in the barrel or keg, I first drive the plug partly out of the head of the barrel without letting the liquid escape. I then insert and screw the plug A into the exposed portion of the plug opening or aperture, after which, by a blow of a mallet on the end D of the faucet, I drive the plug of the barrel completely out of its opening. I then tighten the screw F, which effects the securing together of all the parts of the faucet, when the faucet will be properly secured in position in the barrel to allow the delivery of the liquid upon turning the spigot E.

I reserve the right to cover in a separate application the combination, with the main head having a spigot, of the hollow tapering apertured plug adapted to be connected removably to the head.

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

1. In a faucet, the combination, with the tube C, of the sliding conical plug A and the collar B, provided with the set-screw F, substantially as and for the purposes set forth.

2. The head D, in combination with the tube C, sliding conical plug A, and collar B, substantially as and for the purposes set forth.

3. In a faucet, the tube C, adapted to be screwed into the head D, and formed with the

offset c' , and the sliding conical plug A, formed with the chamber e , and having the packing f , in combination with the sliding collar B, having the set-screw F and packing f' ,
5 and adapted to be screwed upon the outer end of the conical plug A, substantially as shown and described.

4. The combination, with the tube C, slid-

ing conical plug A, collar B, and main head D, of the extension-tube C', substantially as 10 and for the purposes set forth.

JOSEPH H. DORGAN.

Witnesses:

P. K. DELANEY,
CHRISTOPHER DELANEY.