

(No Model.)

M. DINNEEN.

FAUCET.

No. 272,536.

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Fig. 1.

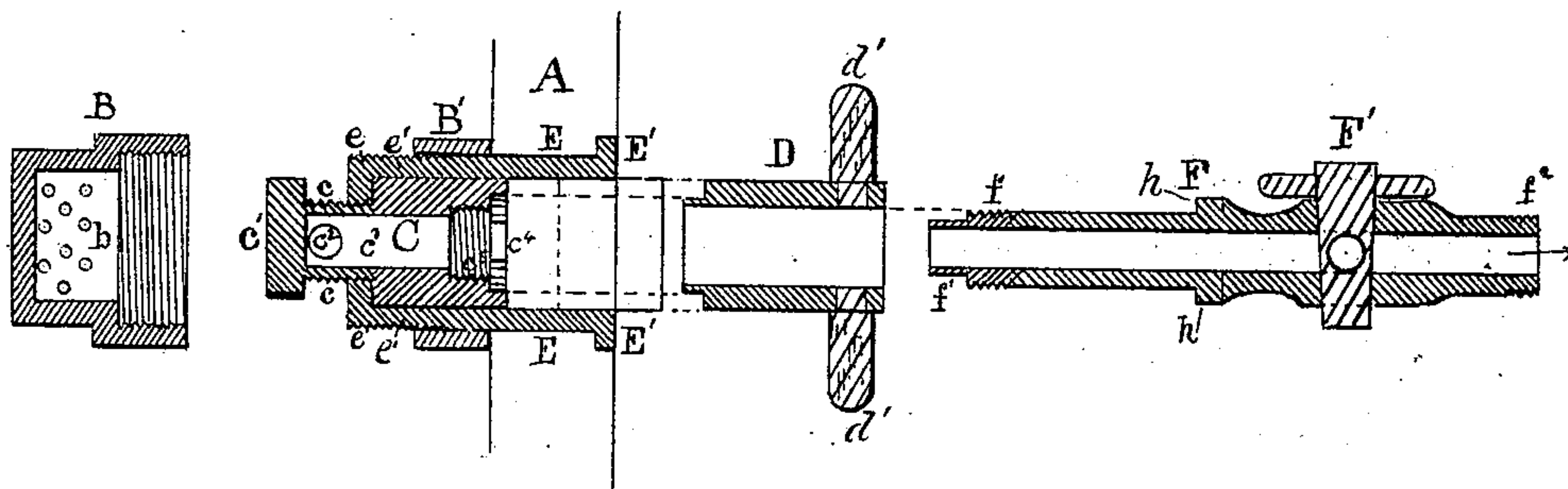


Fig. 3.

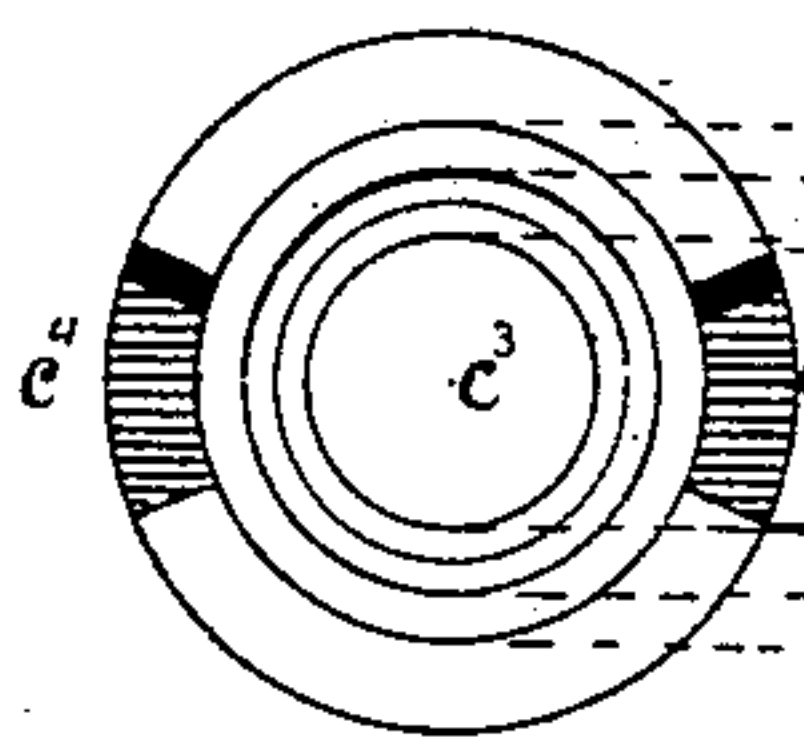


Fig. 4.

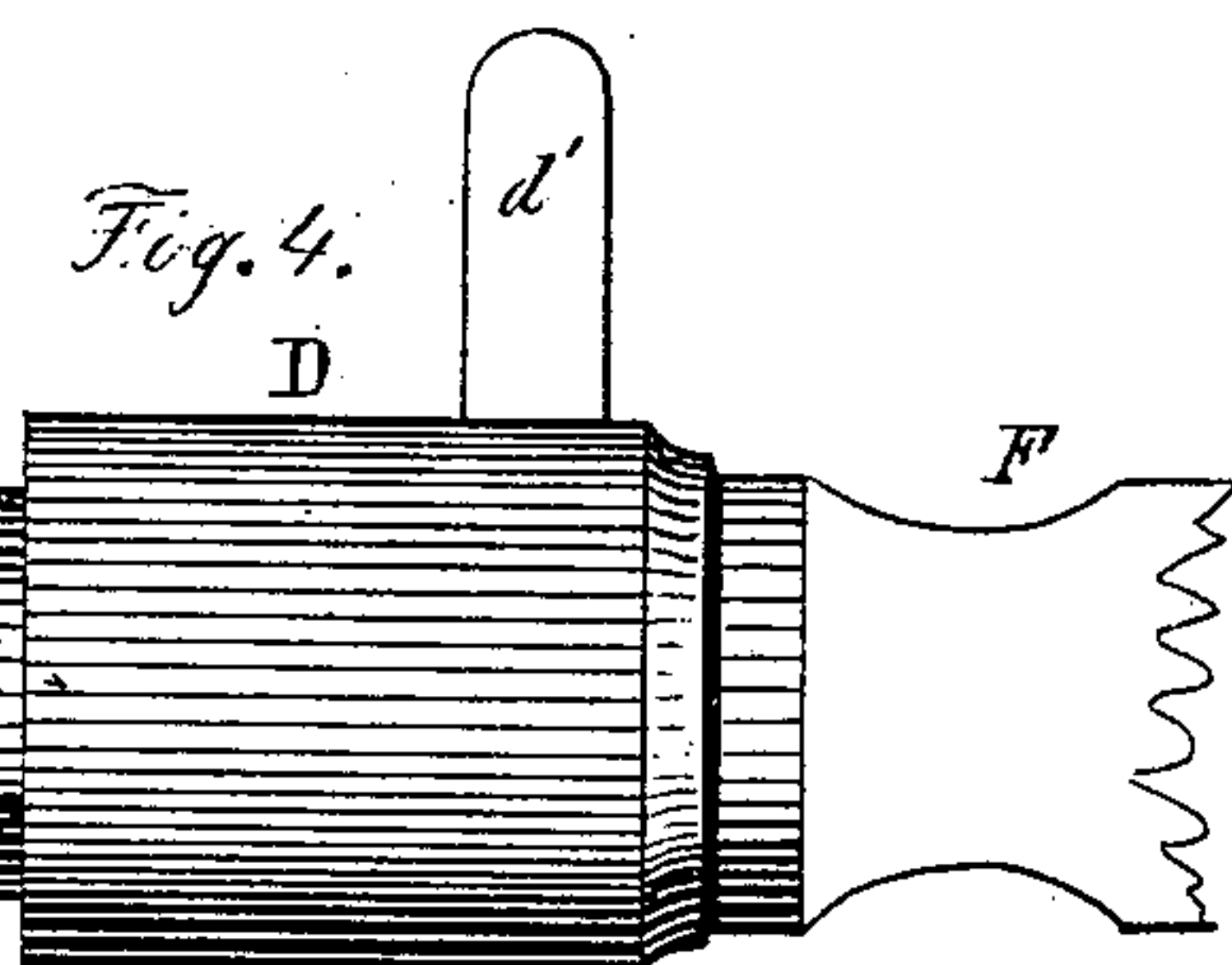
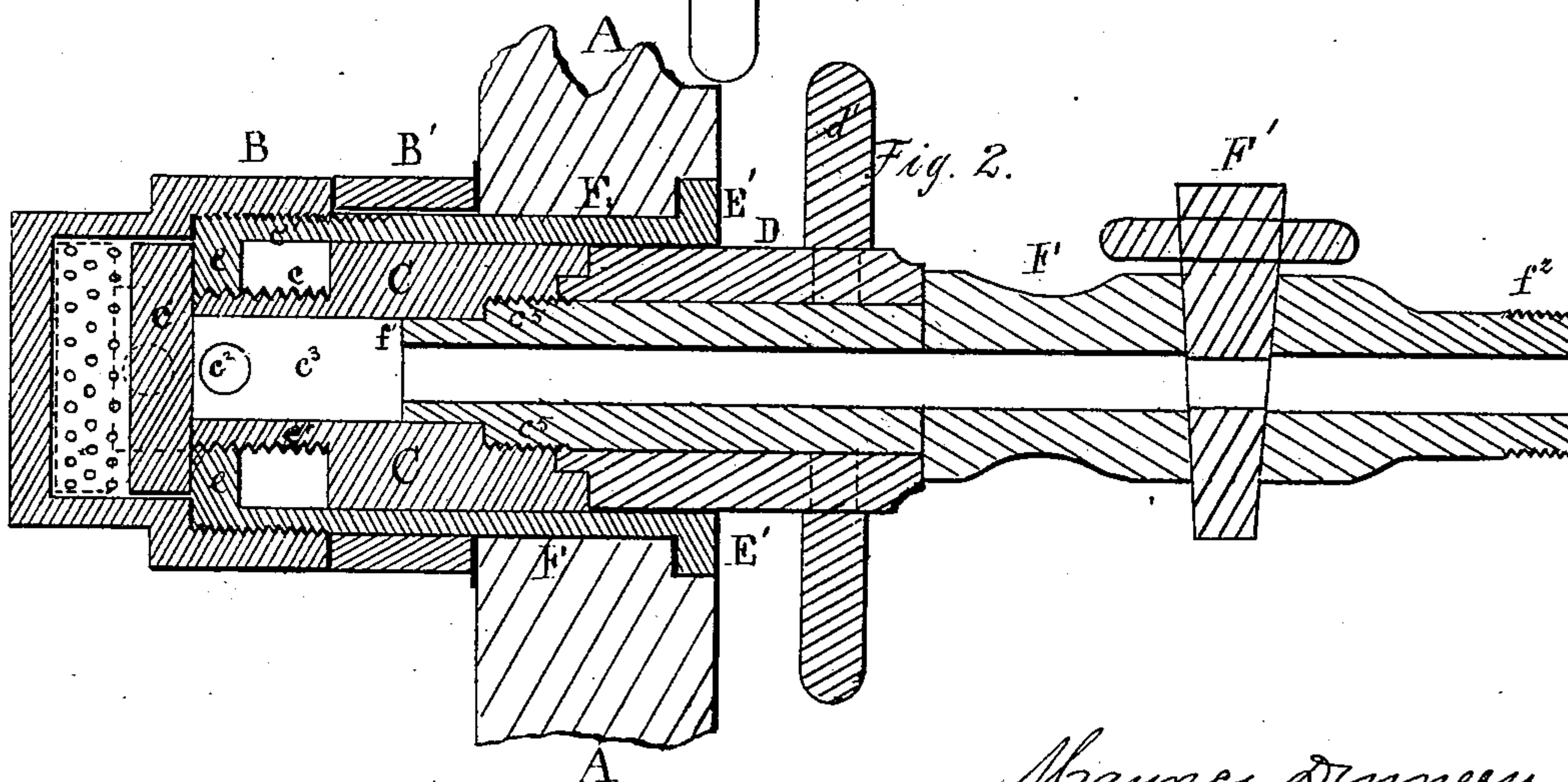
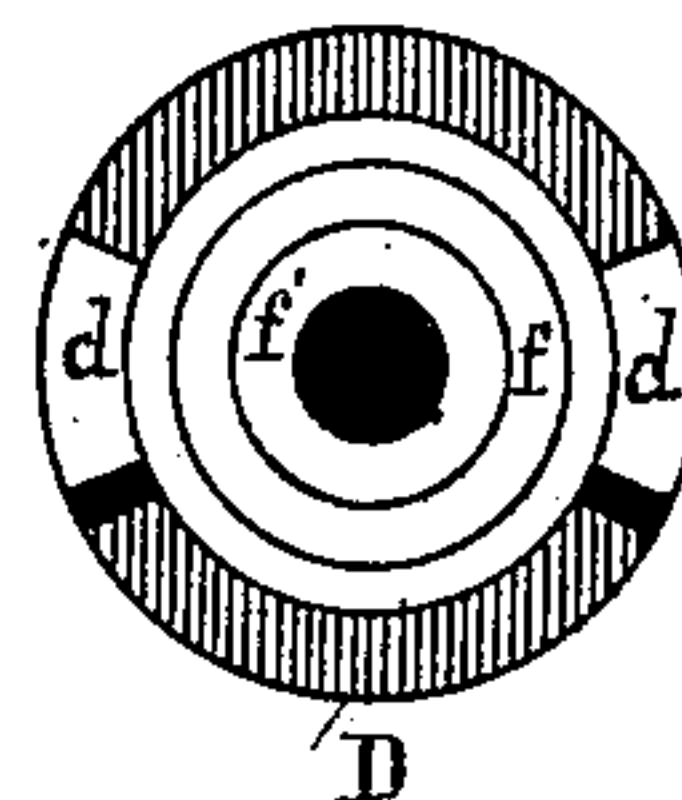


Fig. 5.



Witnesses

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FAUCET.

SPECIFICATION forming part of Letters Patent No. 272,536, dated February 20, 1883.

Application filed June 9, 1882. (No model.)

To all whom it may concern:

Be it known that I, MAURICE DINNEEN, a citizen of the United States of America, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Faucets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a longitudinal sectional view, showing the cap, key, and faucet properly separated from the locking device, which is shown open. Fig. 2 is an enlarged longitudinal section, showing the several parts in place and the locking device closed. Fig. 3 is an enlarged end view of the locking device. Fig. 4 is an enlarged side elevation of the key with the faucet protruding. Fig. 5 is an enlarged end view of the key.

My invention relates more particularly to that class known as "lock-faucets;" and it consists of the construction and operation of parts, as will be hereinafter more particularly set forth, and pointed out in the claims.

Preferably all the parts of this device are constructed of a suitable metal or composition, and the parts are finished and fitted to form tight joints.

A represents the head or any other suitable part of a cask or other package for containing liquids, bored and countersunk to receive a cylindrical case, E, provided with an annular flange, E', for the outside end of the case, which may be provided with a packing, if desired.

Inside of the head A a washer, B', is provided, surrounding the case and fitting close up against the head, or an interposed packing, when provided, and held in place by a cap, B, having an internal screw-thread fitting the thread e' upon the inner end of the case E. The cap B projects inward any desired distance, is perforated by holes b of any desired size, and acts as a shield for the openings of the passage of the faucet.

The interior of the case E is finished to receive a plug, C, of peculiar construction, so as to form a liquid-tight joint. The plug C is provided with a hollow screw-neck or extension, c, that passes through and works within a screw-threaded opening made for it through the end e of the case E, and at its outer end is provided with a button, c', finished to fit tightly against the end of the end e and be liquid-tight. A passage, c³, is bored through the center of the plug C to the button c', and near its inner end is provided with any desired number of openings, c², to admit liquid into the passage c³ when the button c' is back of the end and the locking device thereby opened.

The outer end of the plug C has a screw-threaded recess, somewhat larger than the passage c³, for the reception of the screw-threaded end f of the faucet F. A flange, f', extends from the faucet F into the passage and assists in making the tight joint necessary, and in directing the barrel of the faucet so as to engage the threads. The outer end of the plug C is provided with an annular flange, within which is a recess the bottom of which forms a shoulder for the reception of the end flanges of the key D, and the sides of which are cut away to make recesses c⁴ c⁴, to receive the lugs or wards d of the key D. The key D is cylindrical, finished to fit the case E, and has an open center for the reception of the barrel of the faucet, which passes through the key and enters the plug C, as hereinbefore described, the annular shoulders h forcing the wards of the key into their recesses and holding them there. The key D is provided with handles d' d' for turning the key, and the faucet F has a plug, F', by means of which the faucet F is opened and closed.

In the operation of my device, it being closed, as shown in Fig. 2 of the drawings, the faucet F and key D are inserted, as therein shown, and the key D turned until the plug C is screwed into the cap to the position shown in dotted lines, when the faucet will be unlocked and ready for the passage of the liquid upon turning of the plug F'.

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

1. The locking-plug C, constructed with re-

cesses c^4 , screw-thread c^5 , and passage c^3 , in combination with the key D, having wards d and the faucet F, having screw-thread f and projecting flange f' , and the case E, substantially as and for the purpose described.

2. The combination of the case E with the cap B and washer B', the plug C, the key D, and faucet F, all constructed and arranged substantially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

MAURICE DINNEEN.

Witnesses:

J. P. J. WARD,
M. J. DINNEEN.