

(No Model.)

P. LARKIN.  
TAP AND FAUCET.

No. 288,457.

Patented Nov. 13, 1883.

FIG. 1.

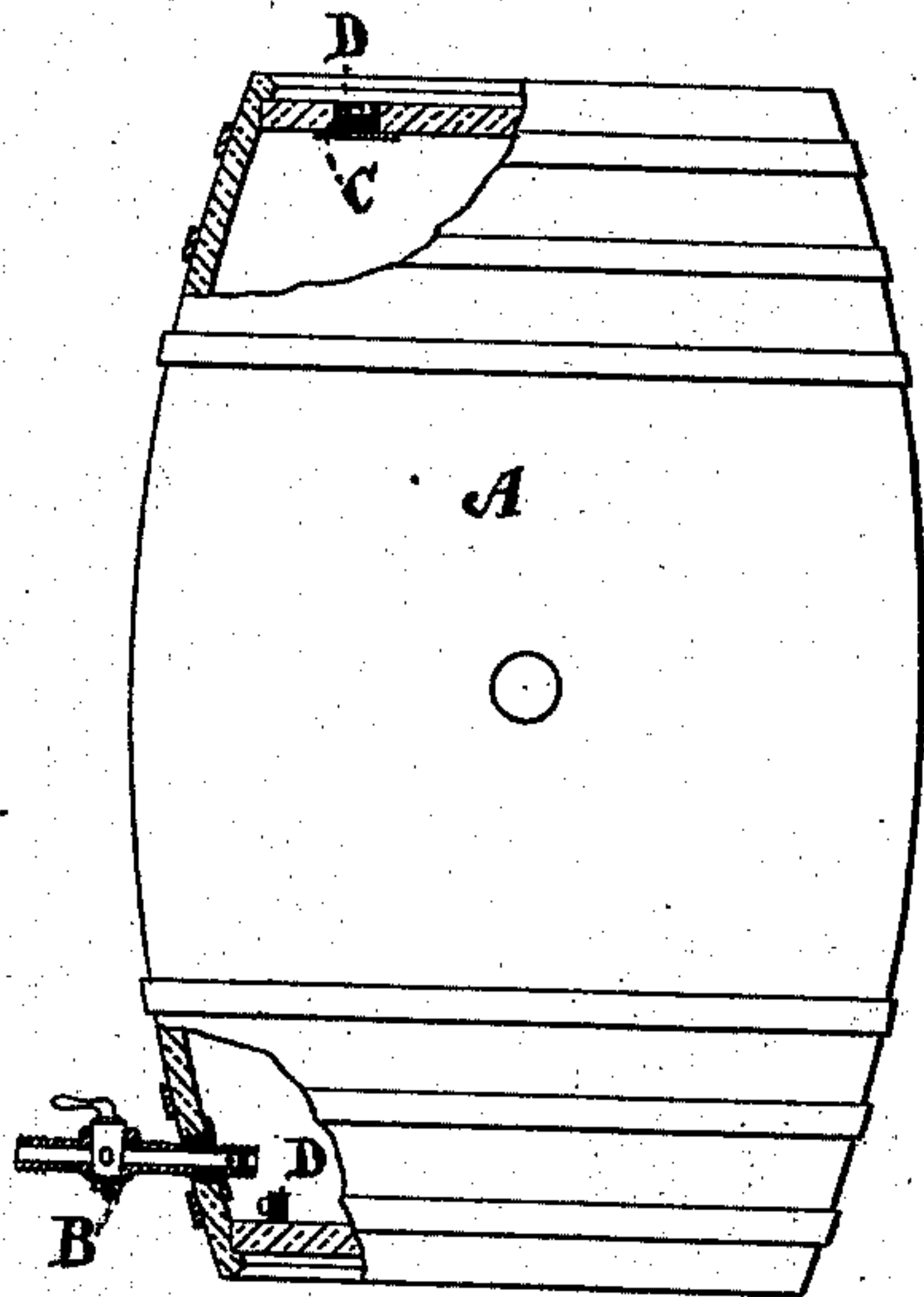


FIG. 2.

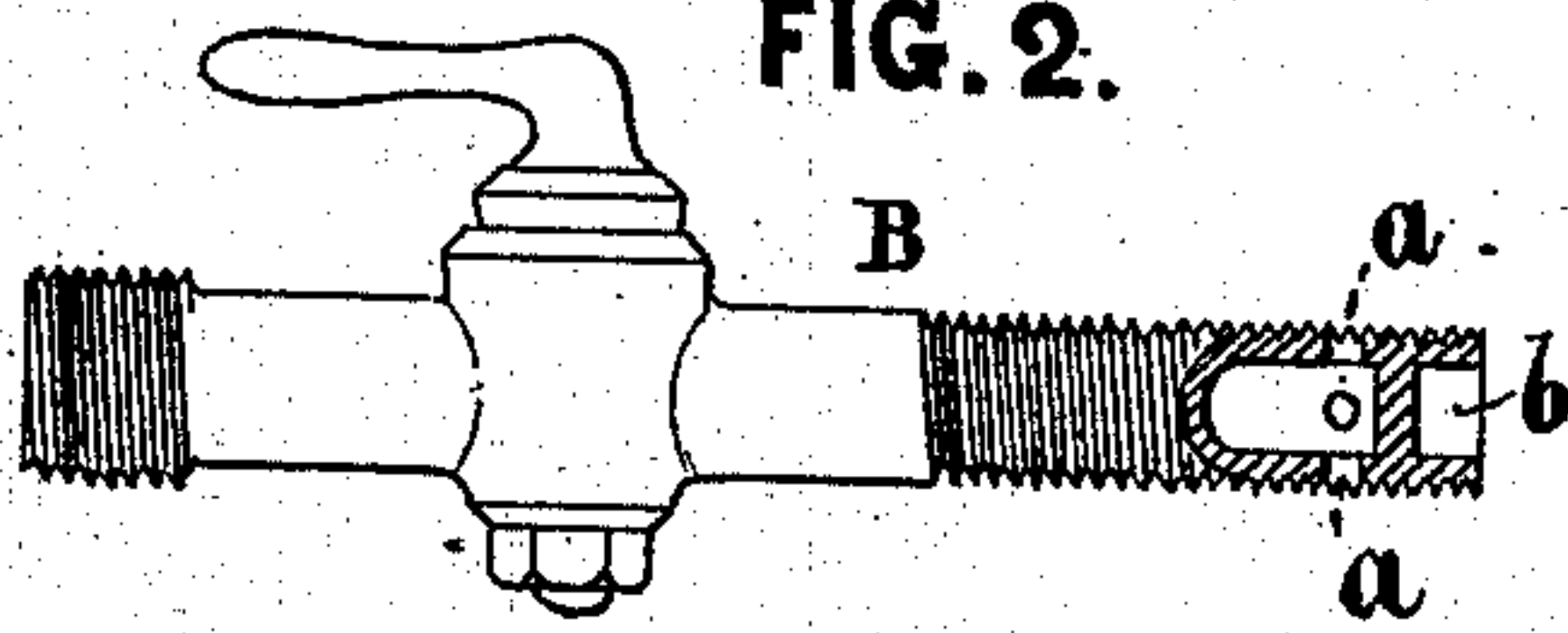


FIG. 3.

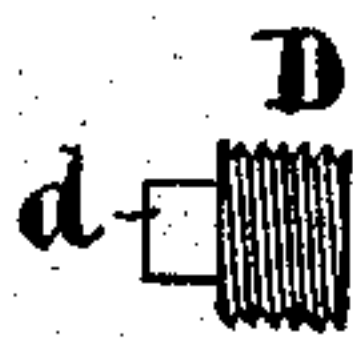


FIG. 4.

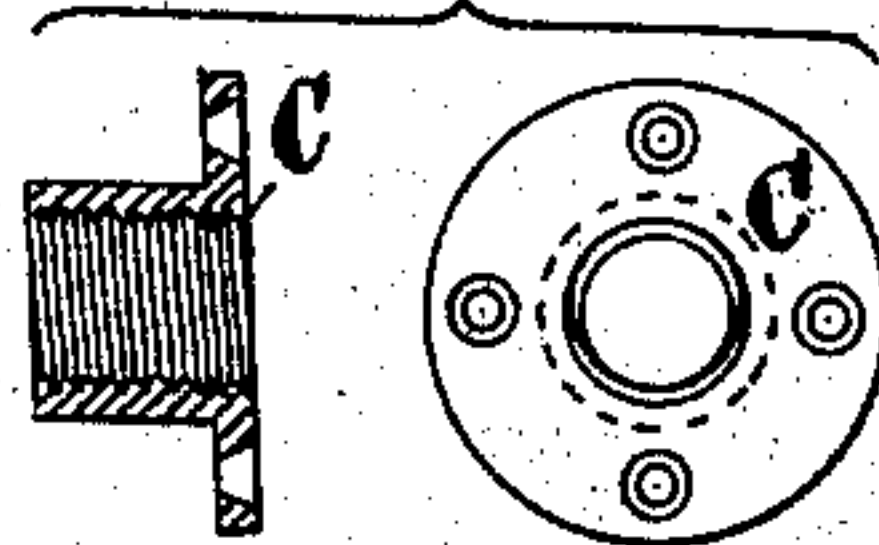


FIG. 5.

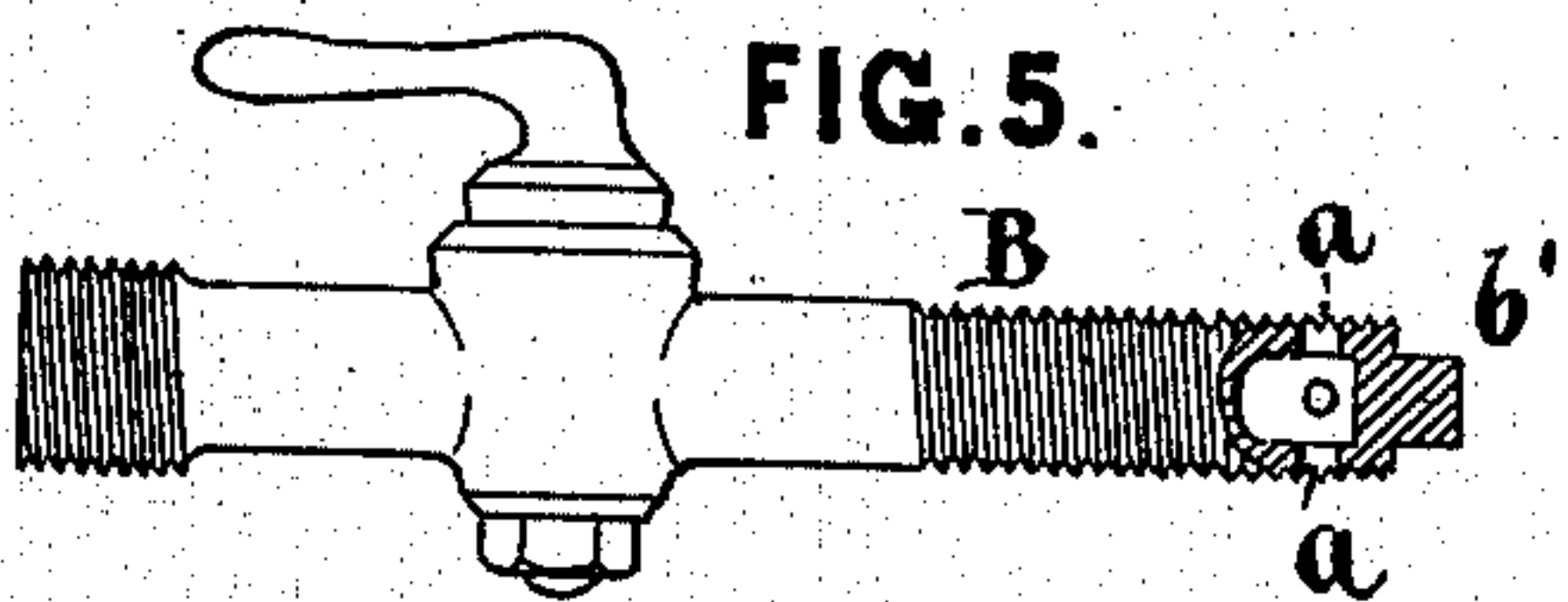


FIG. 6.

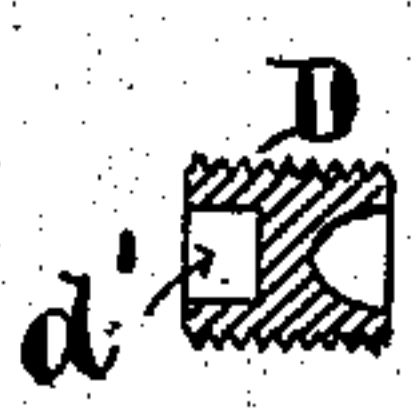


FIG. 7.

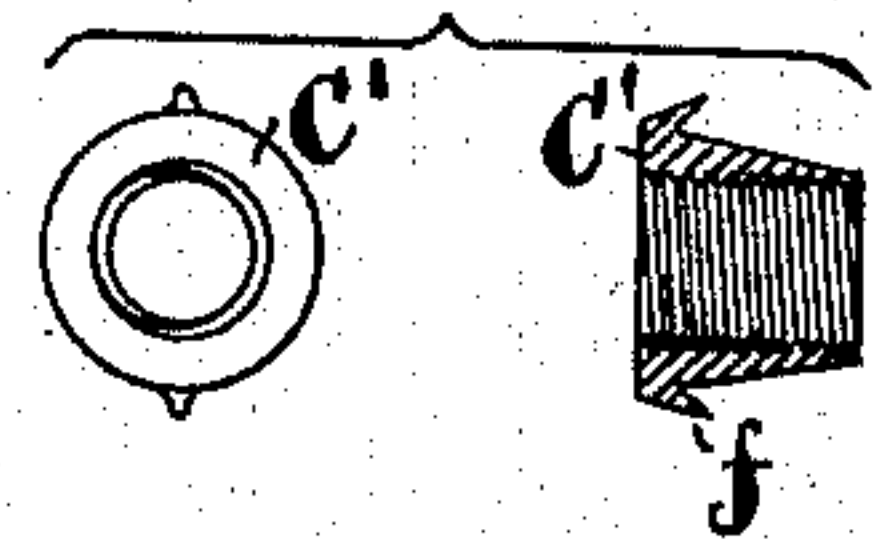


FIG. 8.

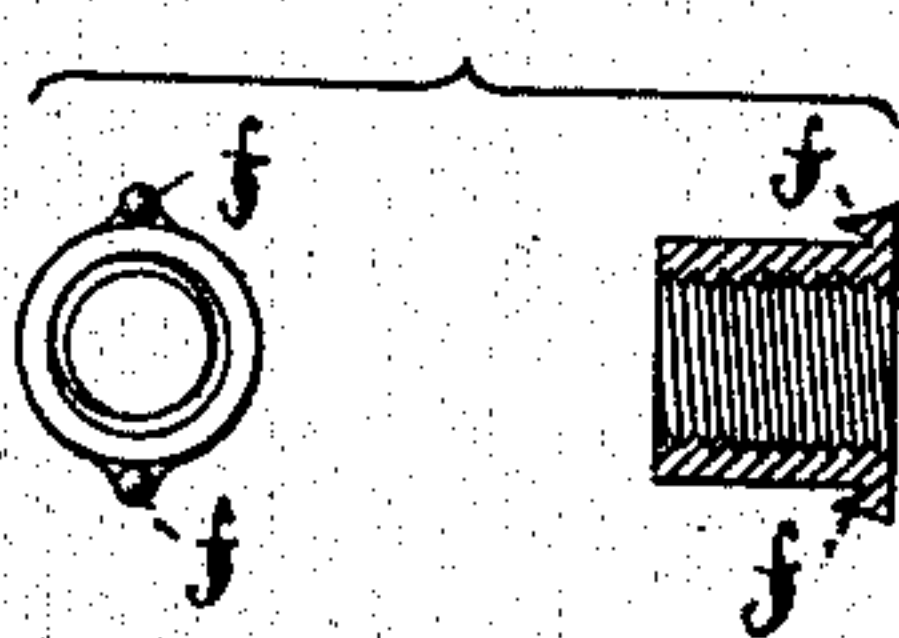
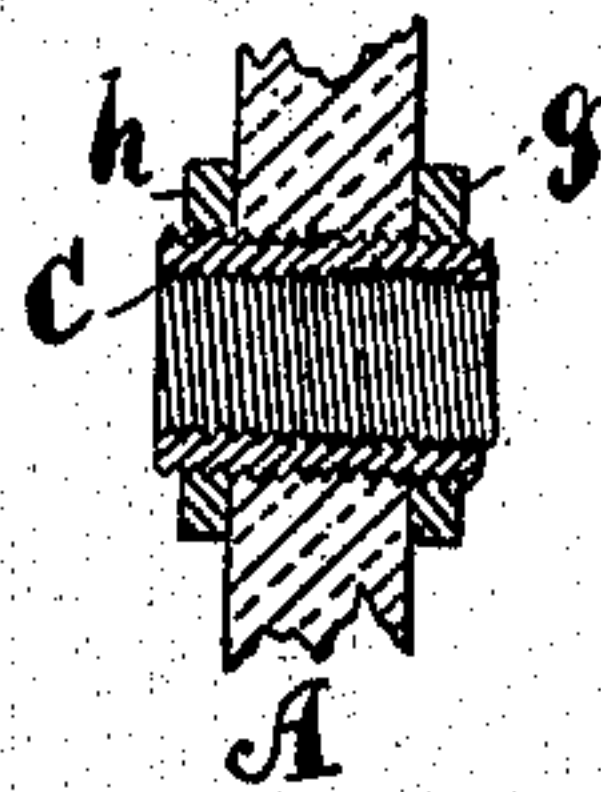


FIG. 9.



Witnesses.  
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# UNITED STATES PATENT OFFICE.

PATRICK LARKIN, OF WALTHAM, MASSACHUSETTS, ASSIGNOR TO EDWARD S. AMROCK, OF SAME PLACE.

## TAP AND FAUCET.

SPECIFICATION forming part of Letters Patent No. 288,457, dated November 13, 1883.

Application filed December 16, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, PATRICK LARKIN, a citizen of the United States, residing at Waltham, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Taps and Faucets for Barrels; and I do 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 the letters and figures of reference marked thereon, which form a part of this specification.

The object of my invention is to provide a simple and efficient means for tapping a barrel of ale or other liquids without the necessity of driving in a bung or other stopper; and the invention consists in the employment of a bushing having an internal screw-thread, in which is fitted a screw-threaded plug of metal. On the outer end of the said plug is a square shank or stem, to which, when the barrel is to be tapped, is applied a wrench, forming a part of a faucet, by means of which the plug is unscrewed, and, passing out of the bushing, drops down in the barrel, the end of the faucet filling the space in the bushing and being all ready for use.

Referring to the accompanying drawings, Figure 1 represents a barrel with my invention applied. Fig. 2 is a view of the faucet, showing the wrench at one end. Fig. 3 is a screw-plug, and Fig. 4 shows a front view and section of the bushing. Figs. 5 to 9 are modifications of my invention.

A, Fig. 1, is a barrel, represented as standing on one end, and having at or near the lower end the faucet B. In the hole at this portion of the barrel is fitted a bushing, C, (see Fig. 4,) which is designed to be inserted on the inside or outside of the barrel, and secured by screws passing through a rim of the bushing. On the inner surface of the bushing C is a screw-thread, which passes entirely through the same. In the bushing C is fitted a screw-threaded plug, D, Fig. 3, having on its outer end a square shank or stem, *d*, as shown. This plug constitutes the stopper of the barrel, and is to be made of some metal or composition which would not act injuriously on the liquid in the barrel.

At the inner end of the faucet B is a recess,

*b*, and at the rear of said recess are openings or holes *a a* in the faucet, through which the liquid passes out from the barrel through the faucet. Instead of a recess in the end of the faucet, it may have a square shank, and the plug, instead of shank, may have a recess for receiving the shank of the faucet, as shown in Figs. 5 and 6.

When the barrel is to be tapped, the recessed end of the faucet is applied to the plug, and as the faucet is turned its screw-threaded portion enters the bushing and takes the place of the plug, which, as it is turned, passes entirely through the bushing and drops to the bottom of the barrel, as shown at D in Fig. 1. The faucet is thus secured in the barrel ready for use.

The bushing may be of various forms and variously applied. Fig. 7 shows a form of bushing, C', having beveled sides and points or spurs *f*, so as to be driven or forced in from the outside of the barrel and held in place by the said spurs. Fig. 8 shows the bushing of cylindrical shape, with points or spurs. In Fig. 9 the bushing is shown as having a screw-thread on the outer and inner surface, and is screwed into the barrel A and secured by nuts *g* and *h* on the inside and outside of the barrel, respectively.

A screw-plug and bushing are to be inserted in the head of the barrel, so as to admit of the application of a force-pump connection.

The screw-plug D, after being forced through the bushing and dropping into the barrel, can be removed through the bung-hole when the barrel is empty and used again as a stopper.

I do not claim a screw-plug displaced by a faucet; but

What I claim as my invention is—

In combination, the barrel A, the screw-threaded faucet B, provided with the recess *b*, closed at its inner end, the exit-passages *a a*, the bushing C', and screw-threaded plug D, all as shown and specified.

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

PATRICK <sup>his</sup> × LARKIN.  
mark.

Witnesses:

JOS. H. ADAMS,  
EDWARD S. AMROCK.