

W. P. MAHONEY.

BEER TAP.

APPLICATION FILED MAR 14, 1908.

950,858.

Patented Mar. 1, 1910.

Fig. 1.

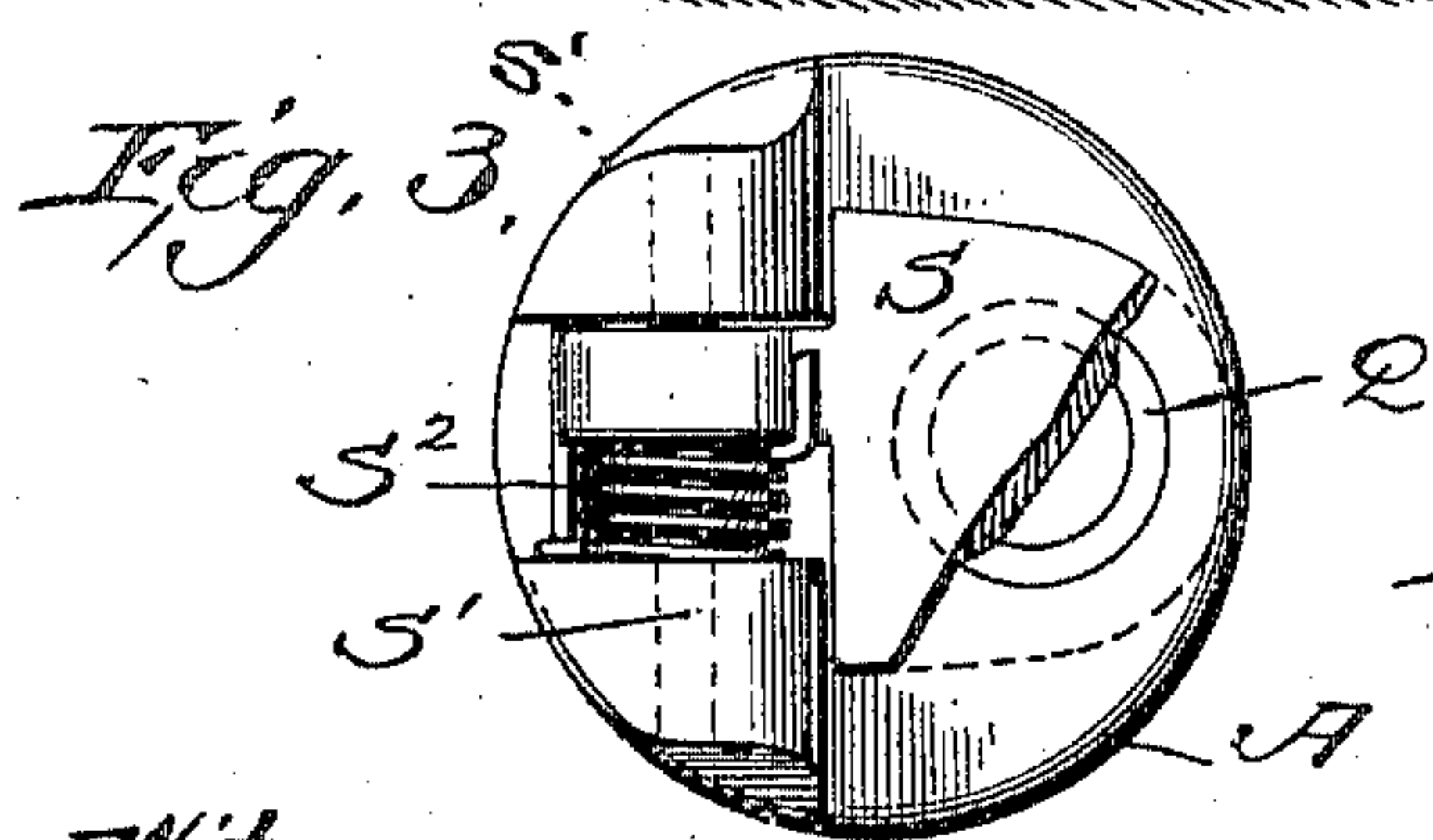
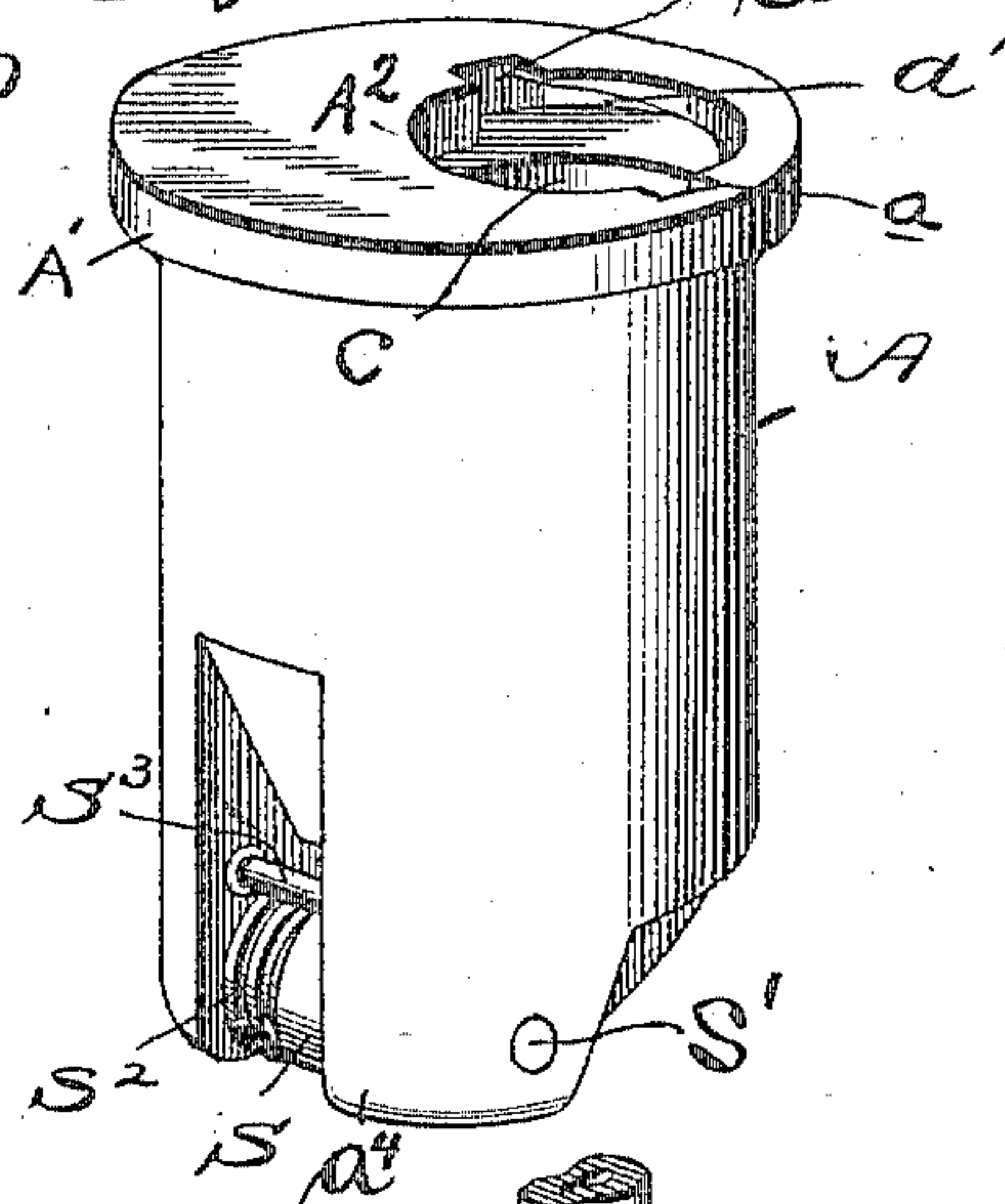
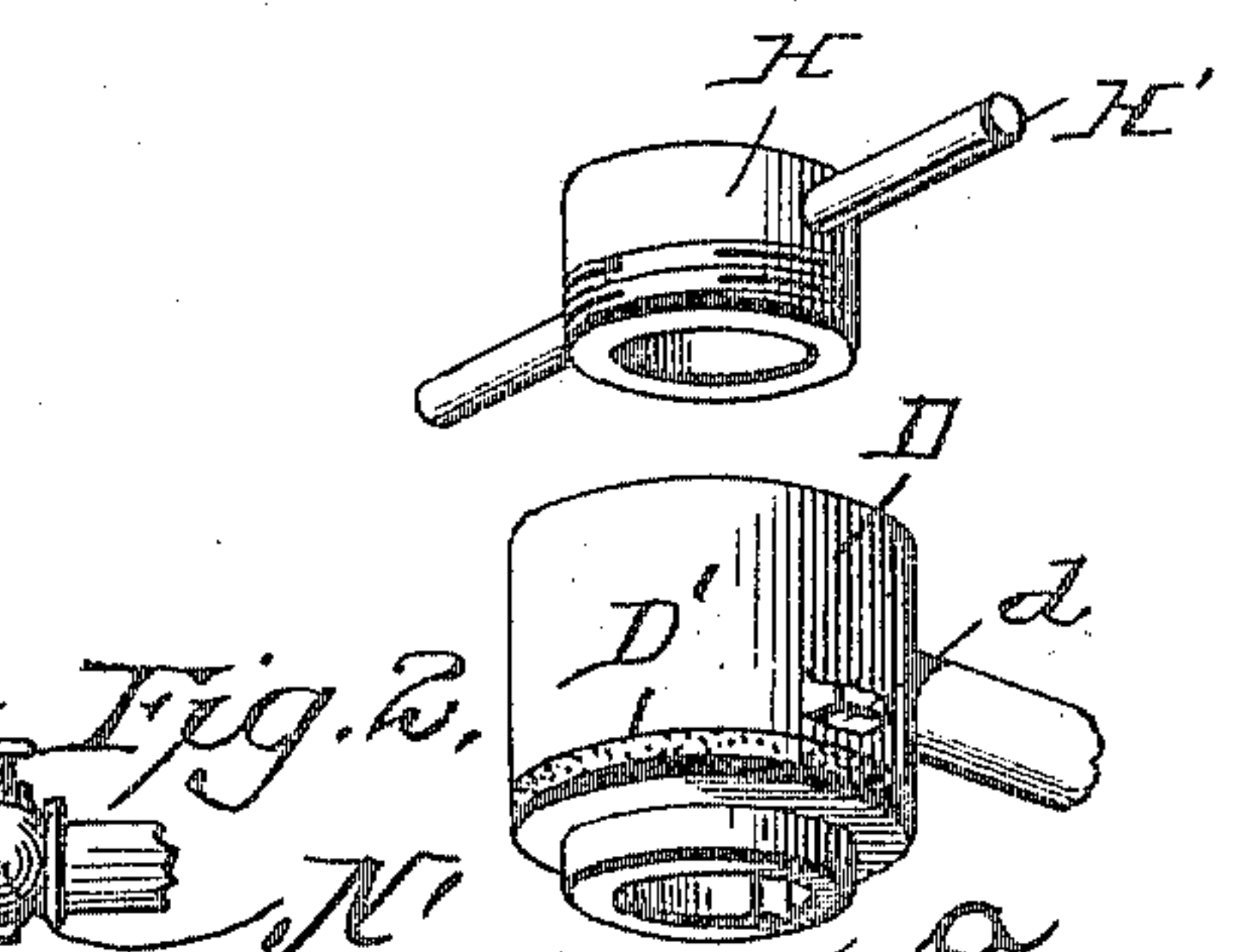
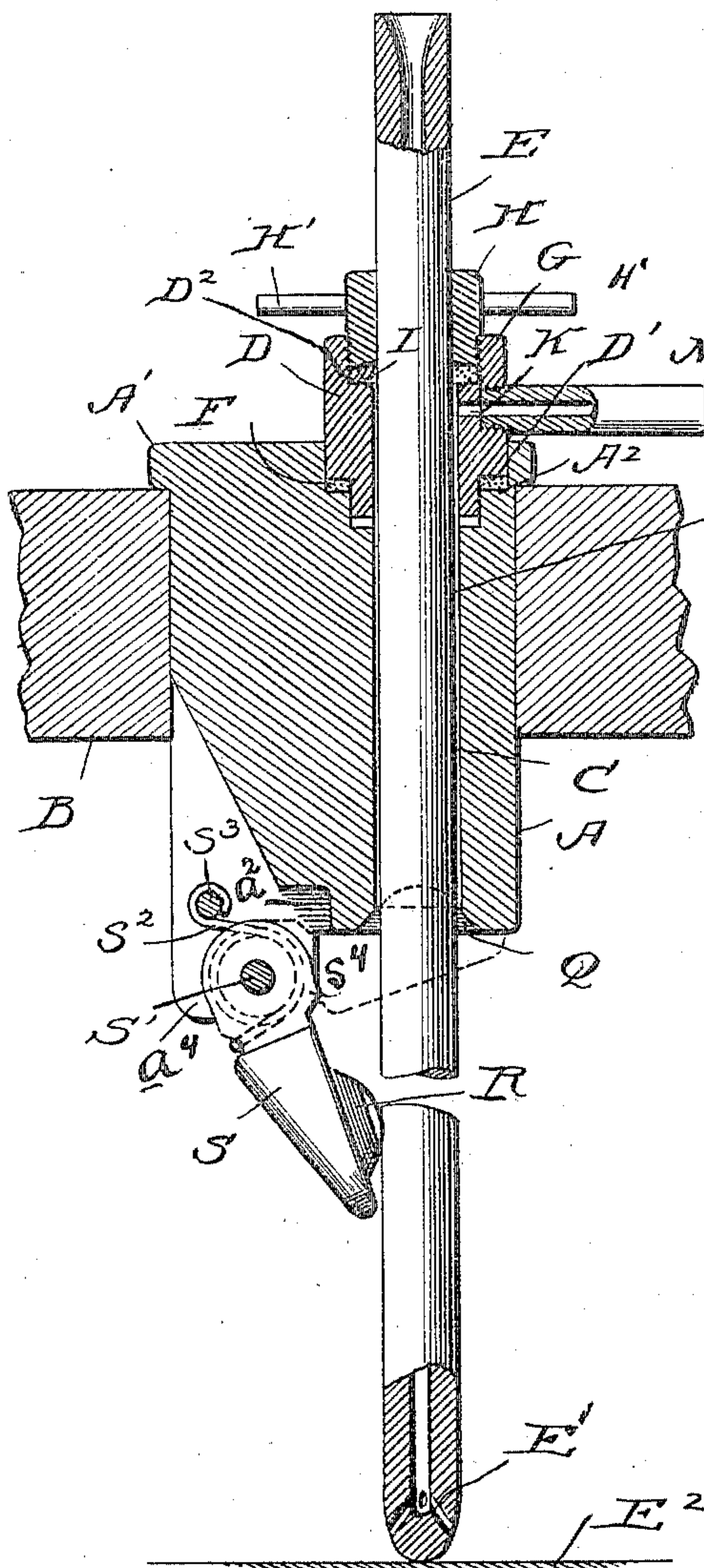
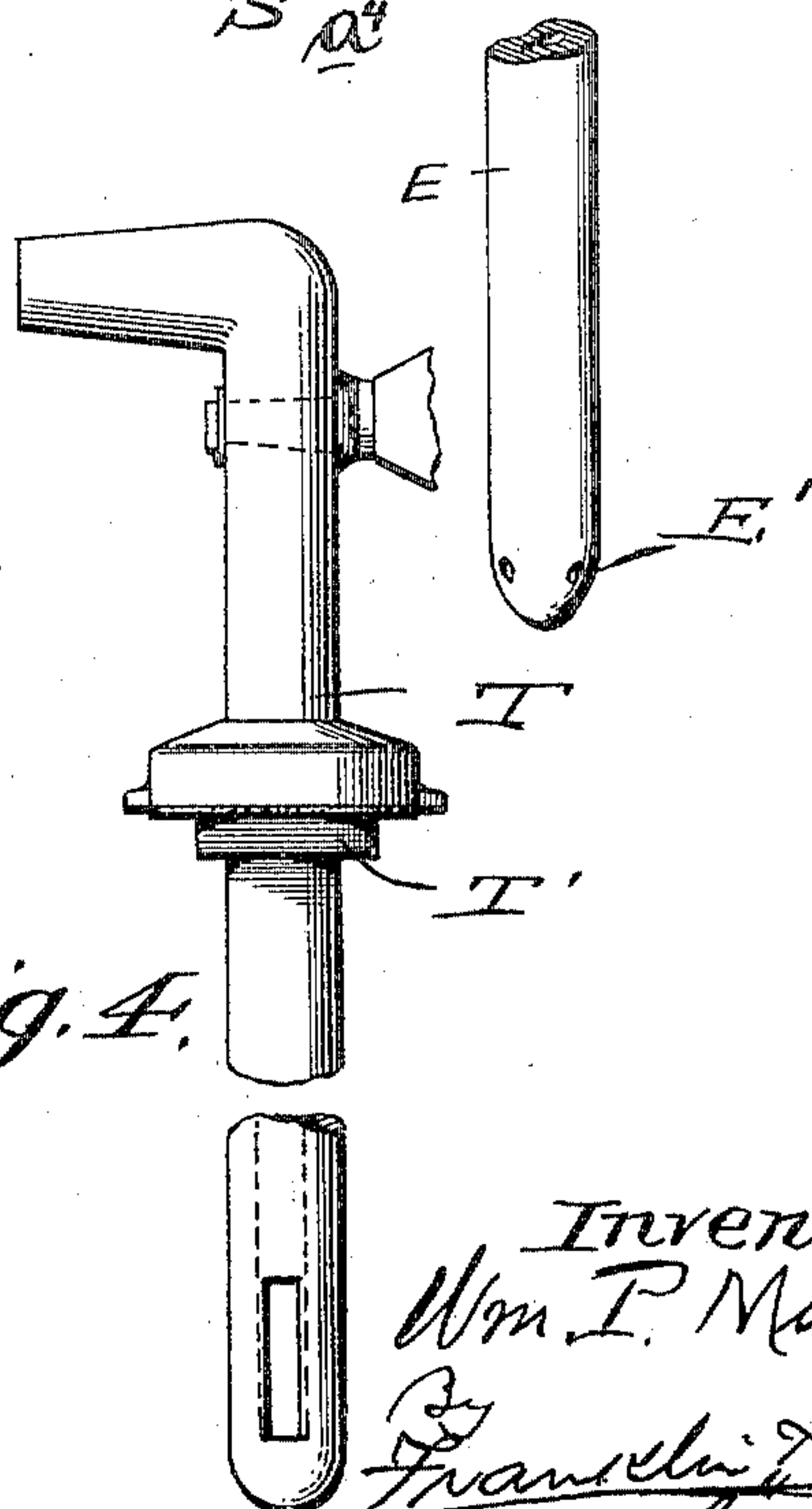


Fig. 4.



Witnesses,
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Inventor,
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UNITED STATES PATENT OFFICE.

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BEER-TAP.

950,858.

Specification of Letters Patent.

Patented Mar. 1, 1910.

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To all whom it may concern:

Be it known that I, WILLIAM P. MAHONEY, a citizen of the United States, residing at Cheyenne, in the county of Laramie and State of Wyoming, have invented certain new and useful Improvements in Beer-Taps; 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 the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in beer taps and comprises various details of construction, combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claim.

My invention is illustrated in the accompanying drawings which, with the letters of reference marked thereon, form a part of this application and in which:—

Figure 1 is a sectional view through one end of the barrel, showing the application of the invention thereto, a spigot being adjusted in place within the socket member fitted to the end of the barrel. Fig. 2 is a detail perspective view showing the parts disassembled. Fig. 3 is a bottom plan view of the socket member fitted to the barrel head, a portion being broken away to show a valve seat, and Fig. 4 is a detail view showing a faucet for individual use which may be substituted for the tube shown in Fig. 1 of the drawings.

Reference now being had to the details of the drawings by letter, A designates a socket member which is preferably of cylindrical shape and fitted in an opening in one end B of a barrel. Said socket member has a flange A' at its outer end, which rests against the marginal edge of the opening in the barrel head and has an aperture C extending there-through, the upper portion of said aperture being enlarged to receive a bushing D adapted to receive a tube E. Said bushing has a shoulder D' adapted to seat upon a shoulder A² of said socket member and, preferably, a packing F is inserted between the shoulder of the bushing and the shoulder of the socket member upon which it rests.

Upon reference to Fig. 2 of the drawings, it will be noted that the bushing D has a

lug *d* projecting therefrom, there being one of said lugs positioned at locations diametrically opposite and adapted to enter the recesses *a* in the upper end of the socket member and the wall of the enlarged portion of the opening in said socket member has spiral threads *a'* under which the lugs *d* are adapted to engage to hold the bushing securely seated. The inner circumference of said bushing, near its upper end, is threaded as at G to receive a tightening shell H, having pins H' projecting therefrom. A packing I is interposed between the inner end of said shell and a shoulder D² formed upon the outer surface of bushing D, whereby a tight fitting joint may be effected between said shell and the tube E. Leading from a port K in said bushing is a tube N said tube being provided with a suitable valve N' communicating therewith.

It will be noted, upon reference to Fig. 1 of the drawings, that a space O intervenes between the circumference of the tube E and the wall of the opening C which extends through the socket member, and also a space intermediate the wall of the opening in the bushing and circumference of said tube sufficient to allow air to pass from the tube N through said space into the interior of the barrel for the purpose of venting the same. The inner end of the tube E is provided with openings E', through which the contents of the barrel pass into the central duct of the tube and then the inner end of said tube is designed to rest against the bottom E² of the barrel.

A valve S is hinged upon a pin S' carried by a longitudinally recessed projection *a*⁴ of the socket member A, and a spring S² serves to hold the valve seated. An offset *a*² leads from the recess in said projection *a*⁴ and in which offset a shoulder S⁴ upon the valve is adapted to enter as the valve closes. By the provision of the shoulder S⁴ engaging the offset *a*², in the plug, the valve will be securely held against a lateral play, causing the same to bear snugly against its seat. It will be noted that the lower end of the socket member has a countersunk portion Q about the passageway therein forming a valve seat which is preferably ground as is also the beveled surface R about the valve, thereby making a tight joint when the valve is seated.

In Fig. 4 of the drawings, I have shown a spigot T, which may be substituted for

the tube E, if desired, for the purpose of convenience for individual use in drawing the liquid from the barrel. In said view (Fig. 4), the threaded collar T' is designed
5 to engage the threads in the bushing in the same manner as shown in Fig. 1.

From the foregoing, it will be noted that, by the provision of an apparatus as shown and described, a simple and efficient means
10 is afforded whereby a barrel tap may be conveniently applied to a keg, the valve being automatically closed and prevented from leaking as the spigot or tube is withdrawn from the socket member, the tubes or spigots
15 of various kinds being interchangeable and readily and conveniently applied.

What I claim is:—

A beer tap comprising a flanged plug with a longitudinal passageway therethrough
20 with its lower end countersunk, a spigot passing through said opening, said plug hav-

ing a projection at its inner end which is longitudinally recessed with an offset leading laterally from said recess, a pin supported in the walls of said recess in said
25 projection, a valve pivotally mounted upon said pin and having a shoulder adjacent to its pivotal end, a spring designed to normally hold said valve seated in the lower countersunk end of the passageway in the
30 plug and said shoulder in said offset, and means for holding the spigot within the opening in the passageway of the plug with a space intervening between the circumference of the spigot and the wall of said passageway, as set forth.

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

WILLIAM P. MAHONEY.

Witnesses:

JOHN MAHONEY,
W. F. KOEGEL.