

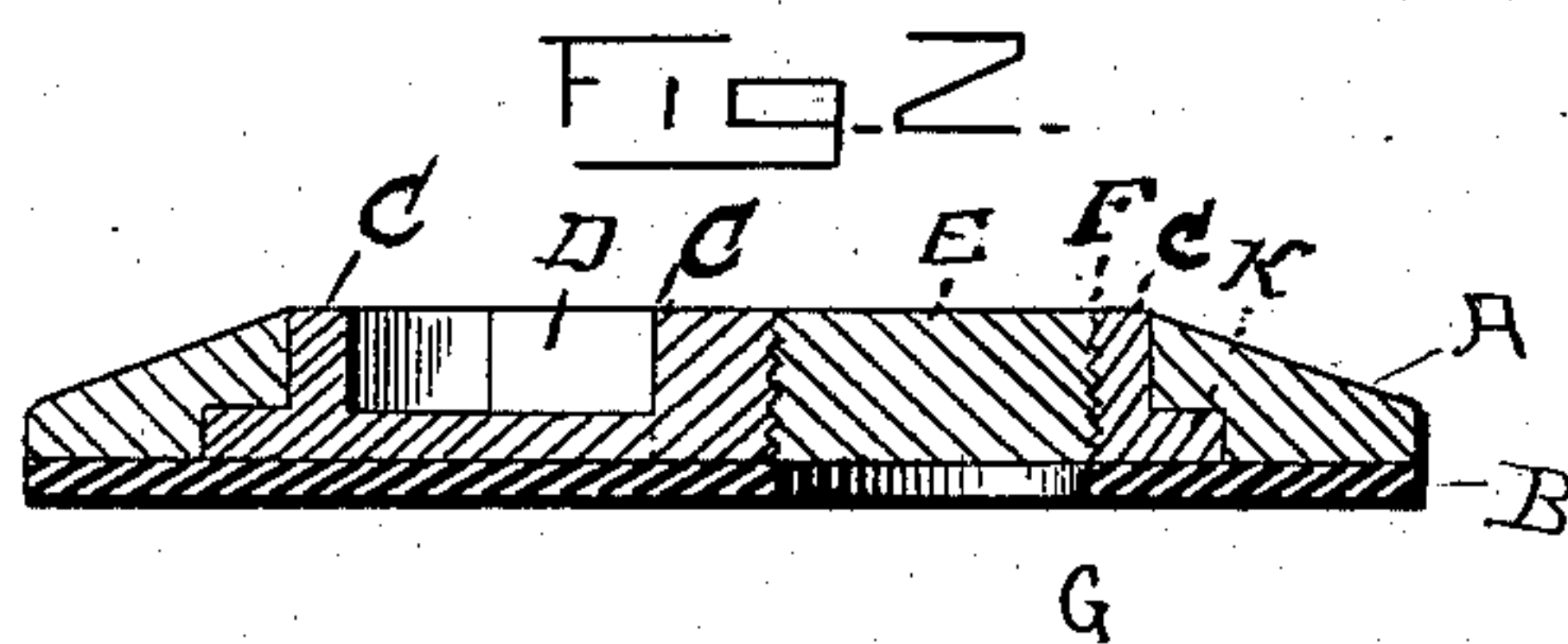
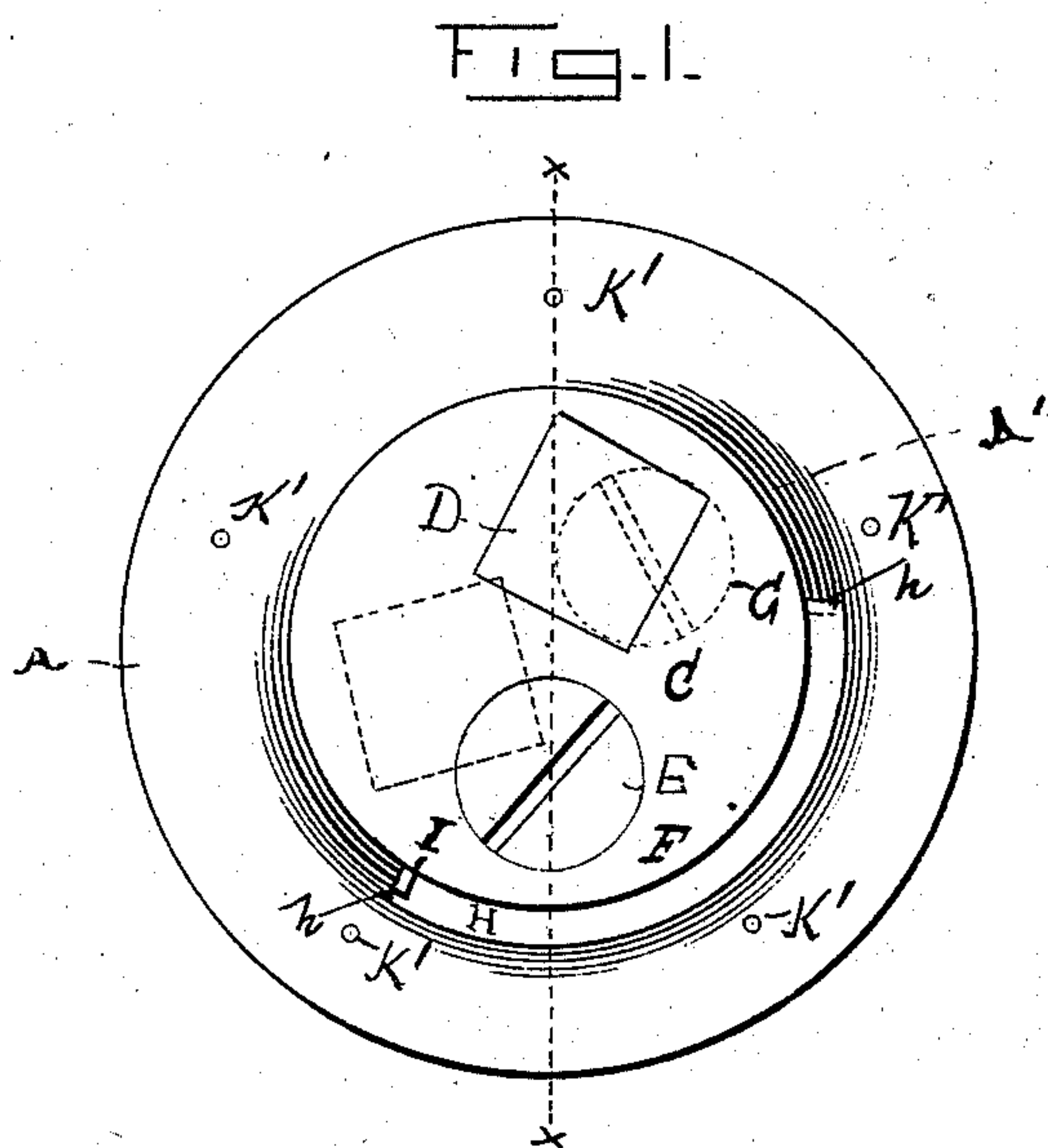
(No Model.)

S. W. YATTAW.

BARREL TAP.

No. 315,370.

Patented Apr. 7, 1885.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SYDNEY W. YATTAW, OF MINEVILLE, NEW YORK.

BARREL-TAP.

SPECIFICATION forming part of Letters Patent No. 315,370, dated April 7, 1885.

Application filed November 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, SYDNEY W. YATTAW, a citizen of the United States, residing at Mineville, in the county of Essex and State of New York, have invented certain new and useful Improvements in Barrel-Taps, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in barrel-taps, and the object of which is to affix a tap securely and permanently upon a barrel, and so that when in transit, or when opened for the introduction of the beer pump or faucet, there will be no liability of the contents being lost or wasted; and I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of an improved barrel-tap, and Fig. 2 is a cross-section of the same on the line X X of Fig. 1.

Similar letters refer to similar parts throughout the several views.

The disk or circular band A, which is made of brass, iron, or any other suitable material, is provided with a circular opening, A', and having its outer upper part beveled. (Shown in Fig. 2.) The under side of the disk A is formed with a shoulder, K, to provide a seat for the center piece, C, which is correspondingly shouldered, as shown in the drawings. The upper side of the disk A, for about one-third its circumference, is provided with a recess, H, having a horizontal bottom, as shown in Fig. 1, the object of which will be herein after more fully described. The center piece, C, is provided with a screw-threaded opening, F, for the purpose of receiving a screw-plug E, or when E is detached therefrom to receive a beer pump or faucet. (Not here shown.) A square opening, D, is formed in said center piece, C, which is adapted to receive a wrench, by means of which the center piece, C, is rotated in the annulus or hollow disk A. As heretofore stated, the upper side of the disk A is recessed for a certain distance, the recess terminating in shoulders h, and to the periphery of the center piece, C, is secured a projecting lug, I, which extends over the recess of the disk A, and this limits the rotation of the center piece to the distance between the shoulders h of the recess H, so that

when plug E is to be removed from or replaced in the part C the said part will not be turned too far, as will be fully explained in the description of the apparatus.

On the under side of the tap is placed a packing, B, of leather, rubber, or any other suitable material, by which means the tap is held firmly and securely to the barrel in an air and water tight position. The packing B is provided with a circular opening, G, arranged to register with the opening F when turned in the proper direction.

The operation is as follows: The parts, being united, are placed over an opening in a barrel or cask, and secured by screws or other fastening means passed through holes K'. When it is desired to remove plug E from hole F without emitting liquid, the implement is placed in hole D and the part C turned until lug I meets shoulder h, as shown in full lines in Fig. 1. When thus placed, the opening F is covered by the solid portion of the washer B, and the plug E can be removed without any of the contents of the barrel escaping. When so removed, a faucet or pump can be inserted in lieu of it and the part C turned back to the position shown in dotted lines in Fig. 1, when holes F and G register, and the contents may be drawn off. When the faucet is to be removed and the plug reinserted, the operation above described is repeated and the faucet removed and plug replaced. When thus replaced, it is of course immaterial whether holes F and G register or not. The lug I will limit the rotation of part C, and at one end will cause holes F and G to exactly register.

When desired for transportation, a seal of wax may be applied to the parts to prevent the device from being tampered with.

I am aware that taps have been formed with exterior pivoted disks which may be turned to cause two holes to register and emit the contents of the barrel, and that a swinging pivoted valve has been used for the same purpose, and I do not claim such, but limit myself to the construction set forth in the following claims.

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

1. The combination of the tap A, formed

with the shoulder K, center piece, C, provided with openings F and D, and packing B, having the opening G, all arranged substantially as herein set forth.

- 5 2. The cap A, formed with the shoulder K, and the flat portion H, in combination with the center piece, C, provided with a plug-opening, F, a wrench-opening, D, and pro-

jecting lug I, and the packing B, having the opening G, substantially as described. 10

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

SYDNEY W. YATTAW.

Witnesses:

CHESTER B. McLAUGHLIN,
KINSLEY C. MORHOUS.