

No. 839,930.

PATENTED JAN. 1, 1907.

W. H. HOMMEL.  
BOTTLE TAP.

APPLICATION FILED JAN. 16, 1906.

FIG. 1.

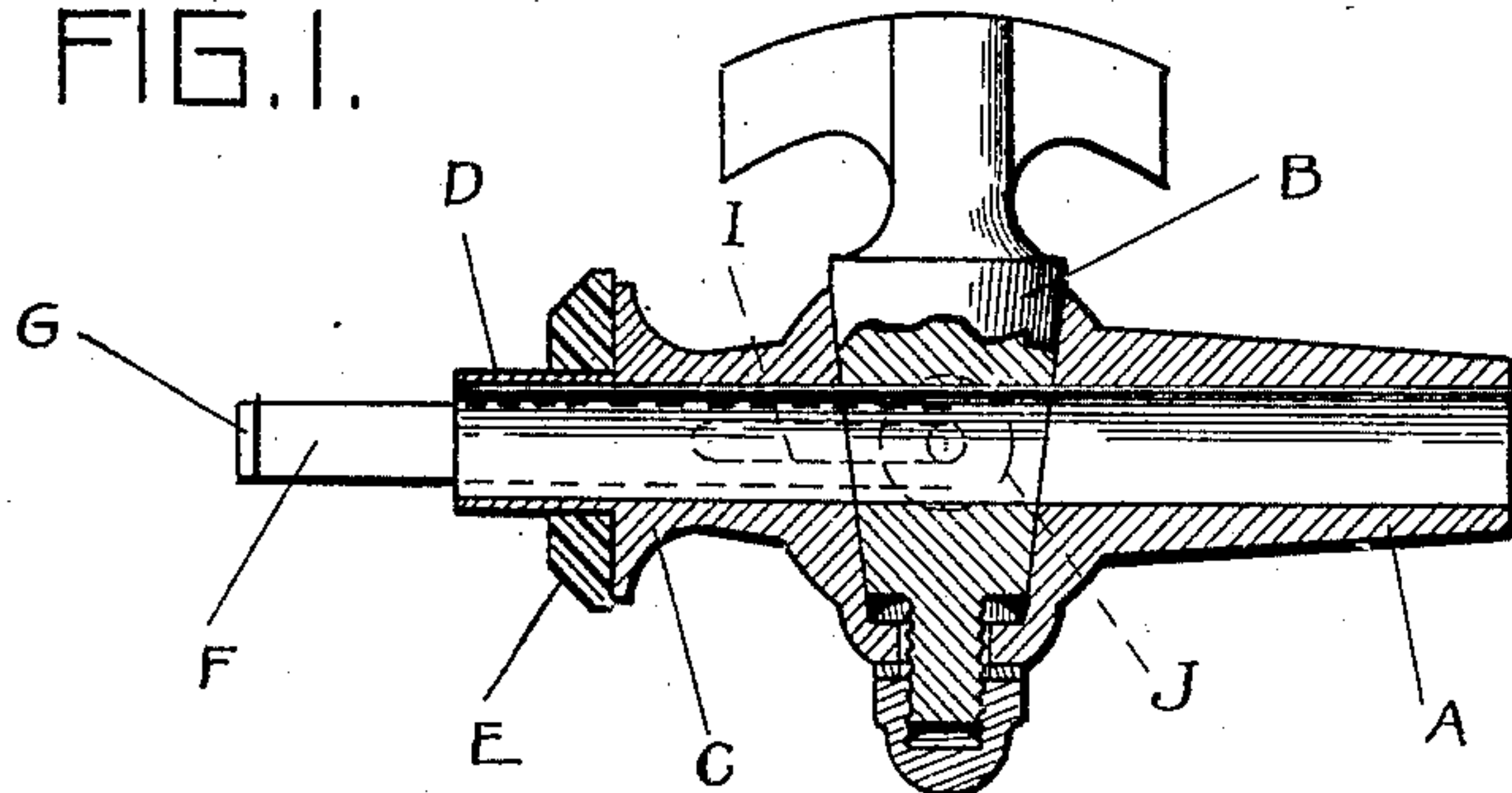


FIG. 2.

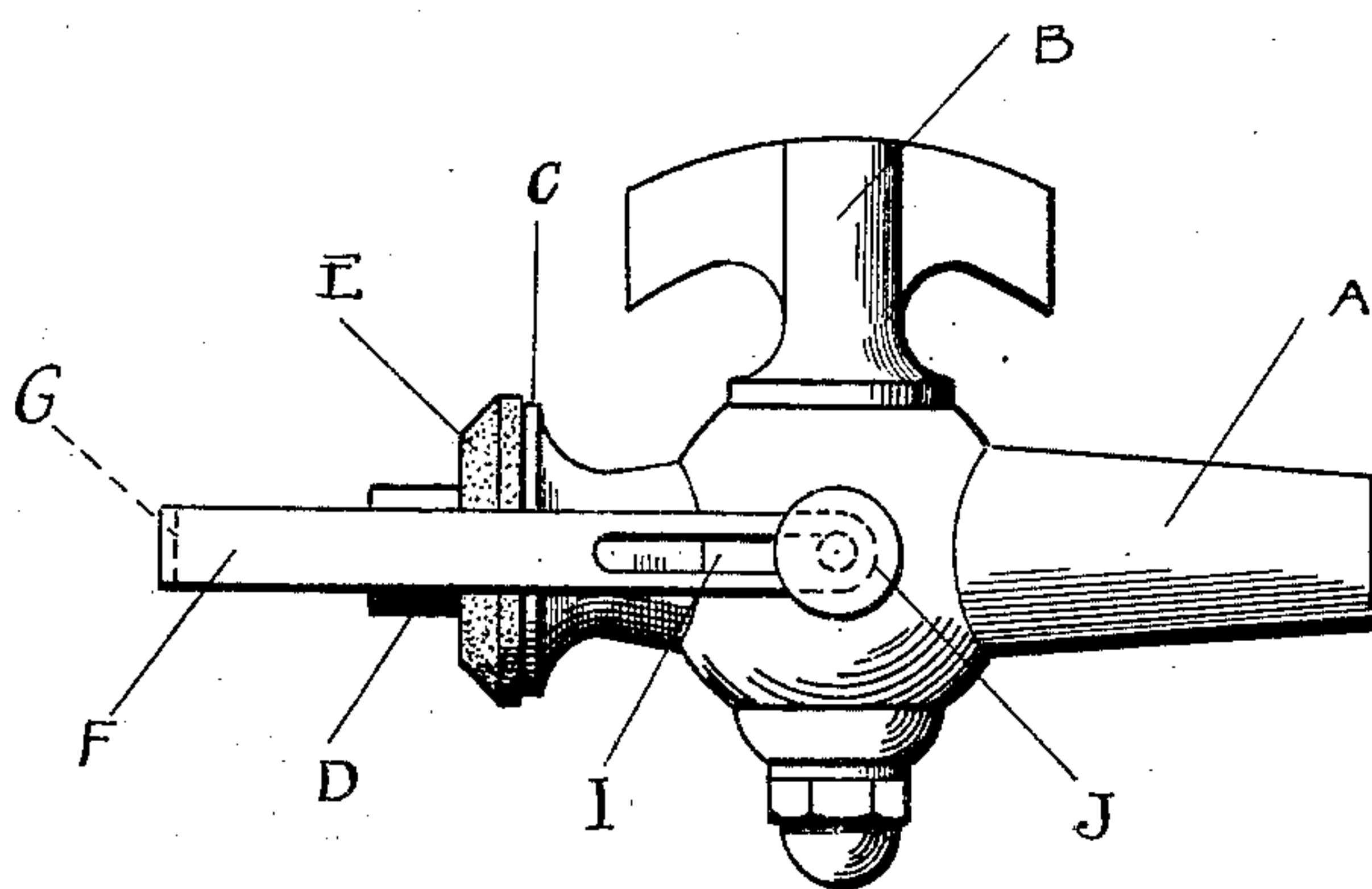
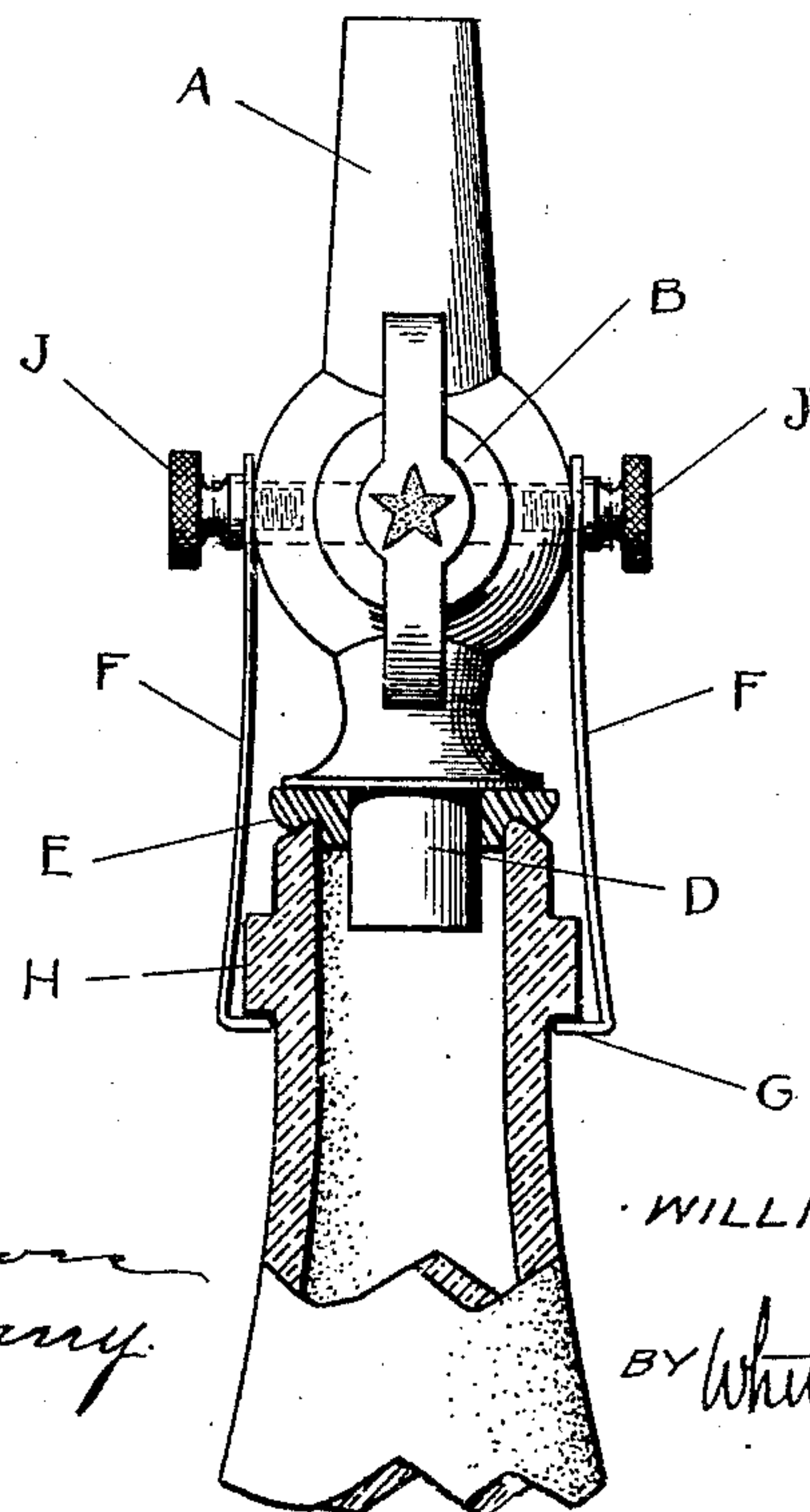


FIG. 3.



WITNESSES

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# UNITED STATES PATENT OFFICE.

WILLIAM HENRY HOMMEL, OF SANDUSKY, OHIO.

## BOTTLE-TAP.

No. 839,930.

Specification of Letters Patent.

Patented Jan. 1, 1907.

Application filed January 16, 1906. Serial No. 296,394.

*To all whom it may concern:*

Be it known that I, WILLIAM HENRY HOMMEL, a citizen of the United States of America, residing at Sandusky, in the county of Sandusky and State of Ohio, have invented certain new useful Improvements in Bottle-Taps, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The invention relates particularly to taps adapted for bottles or other necked vessels containing charged or naturally fermented liquids; and it consists in the construction of the tap and in means for holding and locking  
15 the same to the receptacle against the internal gaseous pressure.

The invention further consists in certain details of construction, as will be more fully hereinafter set forth and as shown in the  
20 drawings, in which—

Figure 1 is a vertical central section through the tap; Fig. 2, a side elevation thereof; and Fig. 3, a front elevation, partly in section, showing the tap as applied to the  
25 bottle.

The tap proper may be of any preferred form, in this instance consisting of the tubular casing A, provided with a plug-cock of ordinary construction B. One end of this  
30 tap is adapted to be fitted into the neck of the bottle and for this purpose is provided with a flange C, adapted to rest upon the neck, and with a reduced section D, extending within the neck, as indicated in Fig. 3.  
35 A washer of flexible material, as E, is interposed between the flange and the neck to produce a tight joint.

Upon the exterior of the casing, one on each side, are secured locking members F in  
40 the form, preferably, of spring-arms having hook-shaped free ends G, adapted to engage beneath the usual flange H on the bottle-neck. These arms are slotted, as at I, and secured to the casing by means of thumb-  
45 screws J, extending through the slots.

In practice the tap is applied to the bottle in the manner indicated in Fig. 3, the free ends of the arms engaged beneath the neck-flange and drawn outwardly until a tight connection is made between the casing and  
50 the bottle and then fastened securely in place by means of the set-screws.

It will be obvious from the description of the invention that the arms described form a lock effectively preventing the withdrawal  
55 of the tap after its insertion, and, further, that the locking or securing means may be so adjusted as to permit the tap to be fitted to any size or form of bottle.

What I claim is—

1. A tap for necked receptacles consisting of a valve-controlled tubular conduit adapted to be fitted to the neck, and locking means on the conduit for engaging the neck. 60

2. A tap for necked receptacles consisting of a valve-controlled tubular conduit adapted to be fitted within the receptacle-neck, and adjustable means for locking the conduit directly to the neck. 65

3. A bottle-tap comprising a valve-controlled tubular conduit, and locking-arms upon the conduit adapted to engage the flange of the bottle-neck. 70

4. In combination with a bottle having a neck-flange, a tubular conduit fitting within the bottle-neck, and spring-arms detachably engaging the neck-flange, and having adjustable connections with the conduit. 75

5. A tap for necked receptacles comprising a valve-controlled tubular casing and  
80 spring-arms engaging the neck and having a longitudinal sliding engagement with the casing.

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

WILLIAM HENRY HOMMEL.

Witnesses:

HENRY SCHOEPFLE,  
R. K. RAMSEY.