(No Model.)

A. KOPP.

BEER TAPPING IMPLEMENT.

No. 603,278. Patented May 3, 1898.

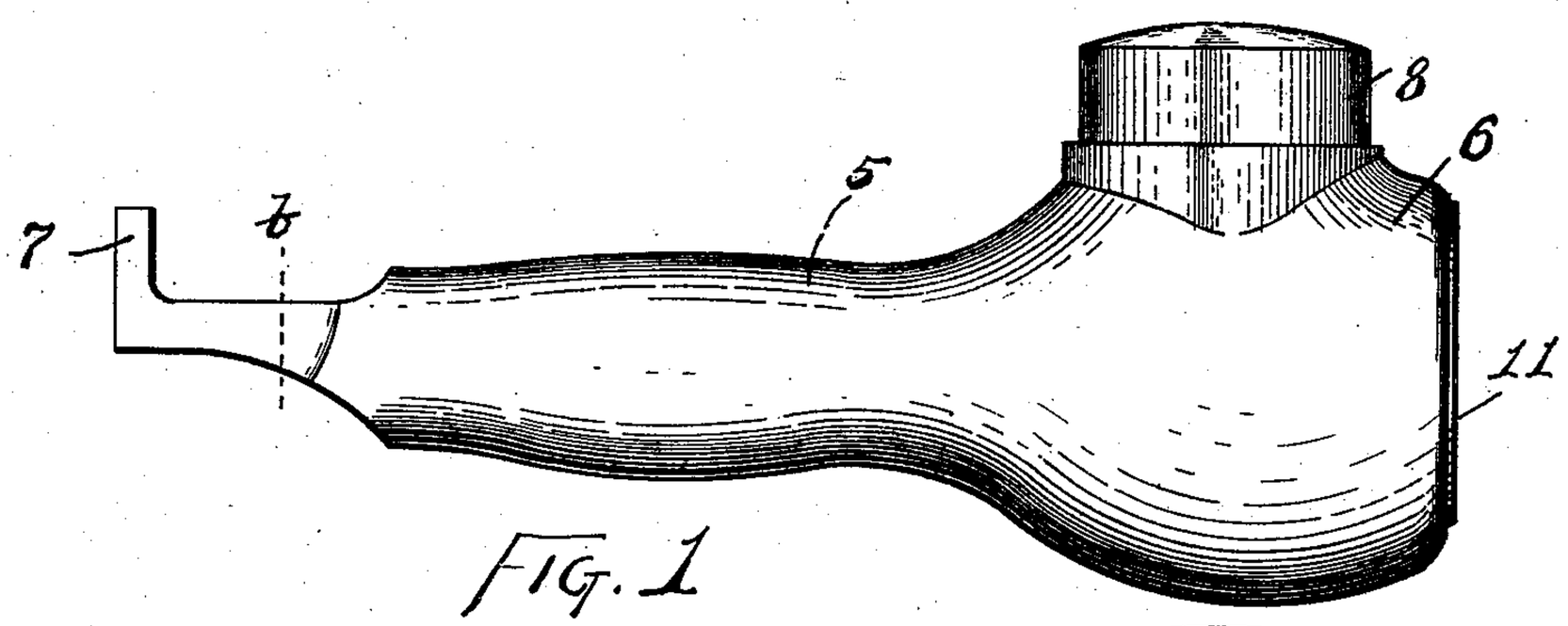

FIG. 1

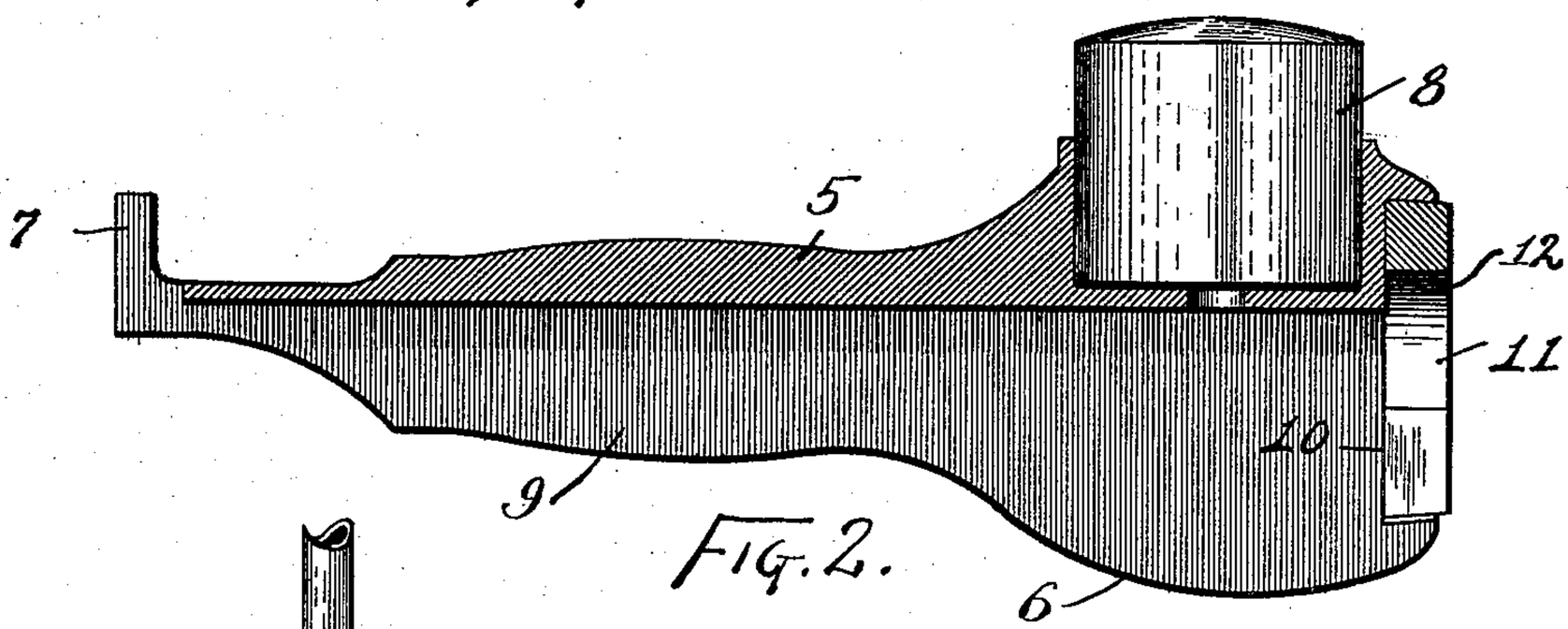

FIG. 2.

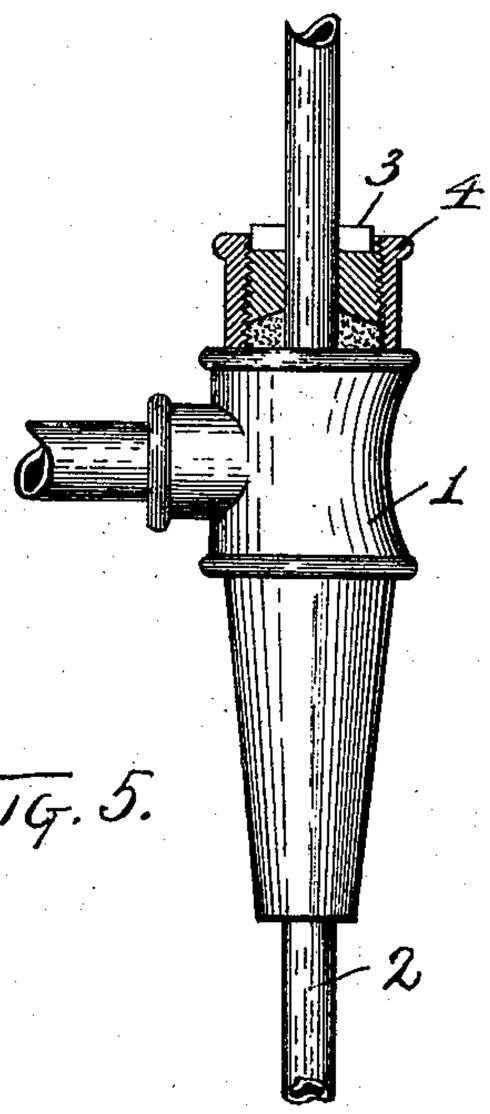

FIG. 5.

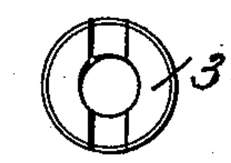

FIG. 6.

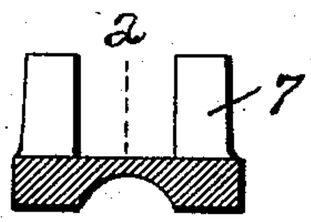

FIG. 4.

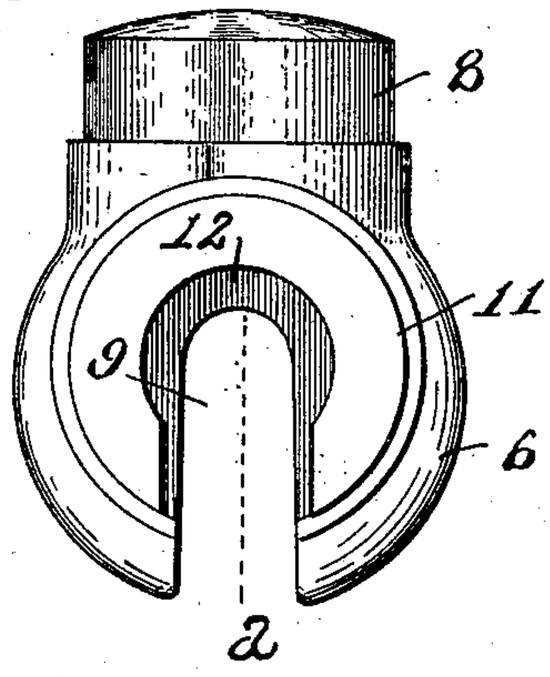

FIG. 3.

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UNITED STATES PATENT OFFICE.

AUGUST KOPP, OF HAMILTON, OHIO.

BEER-TAPPING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 603,278, dated May 3, 1898.

Application filed July 28, 1897. Serial No. 646,163. (No model.)

To all whom it may concern:

Be it known that I, AUGUST KOPP, of Hamilton, Butler county, Ohio, have invented certain new and useful Improvements in Beer-Tapping Implements, of which the following is a specification.

My invention relates to implements for use in tapping beer-kegs, and the same will be readily understood from the following description, taken in connection with the accompanying drawings, in which—

Figure 1 is a side elevation of an implement embodying my invention; Fig. 2, a vertical longitudinal section of the same in the plane of line *a* of Fig. 3; Fig. 3, an elevation of the right-hand end of the implement as it appears in Fig. 1; Fig. 4, a vertical transverse section in the plane of line *b* of Fig. 1; Fig. 5, a side elevation, part vertical section, of an exemplifying beer-tap, in connection with which my improved implement is of special utility; and Fig. 6, a plan of the gland 3 of the beer-tap.

In the drawings, 1 indicates the body of a beer-tap, having a taper-shank adapted to be driven into a proper hole in a beer-keg; 2, the slide-pipe thereof, which slides through a stuffing-box in the tap-body 1; 3, the gland of the stuffing-box screwed into the body and compressing the packing; 4, the rim of the stuffing-box surrounding the gland, which is screwed into it, the gland 3 having a cross-slot, by means of which it may be turned, as seen in Fig. 6, and the gland generally projecting somewhat beyond the rim 4.

In driving the beer-tap into the hole in the beer-keg the slide-pipe is in the way. The driving is to be done on rim 4, and as gland 3 often projects above the rim it would be liable to be struck and the striking of the gland would result in damaging the gland-threads. My improved implement provides for the ready driving and loosening of such beer-taps.

Referring further to the drawings, 5 indicates a handle adapted to fit the hand and formed of metal, preferably of cast-iron; 6, an enlargement at one end thereof to give that end of the handle additional weight and to provide certain sockets; 7, a pair of claws projecting transversely from the end of the handle opposite the enlargement, the claws being adapted to straddle sliding pipe 2 of the beer-tap and engage in the cross-slot of the gland; 8, a wooden plug inserted in a socket in the enlargement 7, its axis being at right angles to the axis of handle 5; 9, an open groove extending endwise entirely through the implement and having a size adapted to loosely engage slide-pipe 2; 10, a dovetailed circular recess formed in the enlarged end of the handle; 11, a ring of soft metal held in this dovetailed recess, the groove 9 of the handle extending also through this soft-metal block, and 12 a recess formed in the soft-metal block 11 and forming a counterbore enlargement of the upper portion of groove 9, recess 12 being of such size as to cap loosely over gland 3 of the beer-tap and permit the soft-metal block to take a fair bearing on rim 4 of the stuffing-box of the beer-tap.

Assume that the beer-tap is tightly in a beer-keg and that it is to be removed therefrom and placed in another beer-keg, the hole for the beer-tap in the second beer-keg being provided with a tight plug, as usual. Claw 7 of the implement is first to be applied to the gland and the gland is to be slackened, thus permitting the slide-pipe to be withdrawn sufficiently to enable the implement to be used in the new keg, as hereinafter explained. The body 1 is then to be struck sidewise with the implement, plug 8 acting as a mallet-face. This loosens the beer-tap and permits it to be withdrawn entirely from the old keg. The end of the shank of the beer-tap is now to be placed over the plug in the new keg and the handle is to be placed with its groove 9 around the slide-pipe, soft-metal block 11 resting on rim 4 of the beer-tap, recess 12 in the block keeping it free from the gland. The implement is now to be raised on the slide-pipe, the slide-pipe acting as a guide for it, and one or two sharp blows downward are to be given upon the beer-tap, thus driving the plug into the keg and driving the shank of the beer-tap tightly into the hole. The proper adjustment of the slide-pipe is now to be made, after which the gland is to again be properly tightened by means of the claw.

I claim as my invention—

1. In a beer-tapping implement, the combination, substantially as set forth, of a handle having an enlarged end formed with a dovetailed recess in its face, and a soft-metal block

dovetailed in said recess and having its face forming the end extremity of said handle, said handle and block being provided with an open longitudinal groove.

2. In a beer-tapping implement, the combination, substantially as set forth, of a longitudinally-grooved handle provided with an enlarged end containing a socket at right angles to the axis of the handle and a socket at the end of the handle, a soft-metal block firmly seated in said last-mentioned socket and grooved in prolongation of the groove in the handle, and a wooden plug firmly seated in the first-mentioned socket.

3. In a beer-tapping implement, the combination, substantially as set forth, of a longitudinally-grooved handle having at one end a pair of transverse claws and having at the other end a socket at right angles to the axis of the handle and a socket at the end of the handle, a soft-metal block firmly seated in the last-mentioned socket and grooved in prolongation of the groove in the handle, and a wooden plug firmly seated in the first-mentioned socket.

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