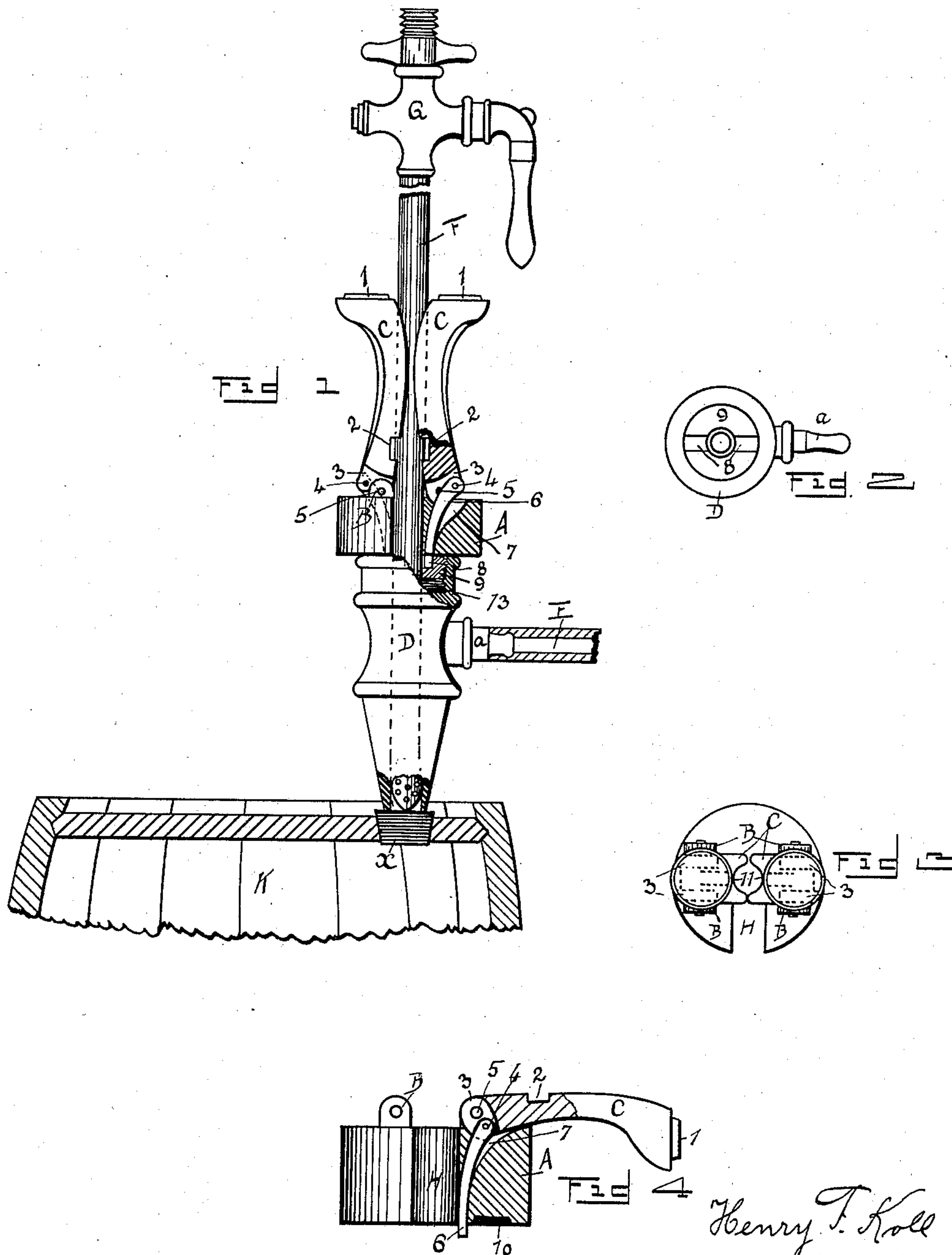


(No Model.)

H. F. KOLL.
COMBINATION TOOL.

No. 596,519.

Patented Jan. 4, 1898.



WITNESSES:

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COMBINATION-TOOL.

SPECIFICATION forming part of Letters Patent No. 596,519, dated January 4, 1898.

Application filed June 21, 1897. Serial No. 641,686. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. KOLL, residing at South Omaha, in the county of Douglas and State of Nebraska, have invented certain useful Improvements in Combination-Tools; and I do hereby declare that the following is 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, which form a part of this specification.

This invention has relation to an improvement in combination-tools, and comprises more particularly a bung-starter, as will be described more fully hereinafter.

In the accompanying drawings, Figure 1 shows an elevation, partly in section, with portions broken away, of a combination-tool embodying my invention used as a bung-starter. Fig. 2 shows a top view of an ordinary metallic bung. Fig. 3 shows a top view of my combination-tool, while Fig. 4 shows a side elevation thereof with parts broken away.

In dispensing beer, ale, and other like beverages the practice is at the present time to use a metal bung, through which is made to pass a supply-pipe, and in connection with which bung there is a hose connection, the hose connection being secured in forming part of a force-pump, by means of which carbonic-acid gas or air is forced into the barrel to permit the expelling of the beer or other liquid.

Now it is quite difficult to drive the metal bung D accurately, as there is but little room to use the same in that the settle supply-pipe has to pass through, and as these barrels are usually tapped within the ice box or chamber there is usually but little room to swing a mallet or hammer, so that the removal of the barrel-bung proper is quite a cumbersome and inconvenient task.

To provide a tool that shall be especially adapted to place and drive the metal bung into an ordinary barrel and which shall further possess additional advantages is the aim and object of my invention.

In the accompanying drawings the letter K represents an ordinary barrel provided with the usual stopper α , closing the aperture into

which the ordinary metallic bung of the usual construction D is to be driven. As has been stated, the bung is not well adapted to be inserted with a mallet, as in that instance the metallic bung has to be provided with a stopper at the lower end to close the same, and after the bung is driven the supply-pipe F is inserted through the bung and through the stop-cock forming part of the pipe F the beer is led to the dispensing-faucet. The nozzle α is provided with an elastic tubing E and leads to the gas-tank or air-pump, as may be desired.

Now to insure a prompt insertion of the bung D as well as a snug fit of the pipe F a packing-ring 13 is used, which is held down by means of a nut 8, so that practically a water and air tight joint is insured between the bung D and pipe F. In using a hammer or other device this arrangement is likely to be disturbed if the pipe has been removed and it is quite difficult to adjust the same. With my apparatus, however, the pipe F can be snugly adjusted within the bung when the bung is placed in position, and by means of the pivoted handholds C C my bung-starter may be carried upward and dropped in the manner of a pile-driving head to carry the stopper through the barrel end and force the bung into proper position.

My combination-tool comprises, essentially, a slotted weighted base B, of any suitable size or material, which is provided with the U-shaped slot H, the slot being arranged to nicely accommodate the pipe F, and above is provided with four ears B B and two opposite openings 7 7, as will be noticed in Figs. 1 and 4. Below, in order to provide a sort of buffer for the head A, a channel is cast about the bottom of the head A, into which lead is cast, as is shown at 10 in Fig. 1. Secured to each set of ears B B are the handholds C, which below are provided with the ears 3 3, which ears are adapted to receive, first, the pins 5, by means of which they are connected to the ears B B, and, secondly, by means of the pins 4, through which the tongues 6 are secured to these handholds, as is shown in Fig. 4.

The ears B B come upon the outside of the ears 3 3, which are in pairs, as may be seen

in dotted lines in Fig. 3, and between these ears 3 3 are positioned the tongues 6 6. These tongues are secured at points nearly opposite the position of the pins 5, as will be noticed in Fig. 1, so that when the handholds are in an upright position, as is shown in Fig. 1, the tongues 6 are within the head, being carried upward by the connected ears 3, or when these handholds C are permitted to fall outward in a horizontal position to rest upon the head A the tongues 6 are carried downward to project beyond the head, as is shown in Fig. 4, where one of the handholds is shown as in its normal position. These handholds, a top view of which is shown in Fig. 1, have a central opening, as is shown at 11, so as to nicely accommodate and surround the pipe F, so that in carrying the tool upward, in dropping the same the tool will not be carried from the pipe F, but will be guided thereon, so that it can be used in the form of a drop-hammer to drive a metallic bung into the valve-head, which can be quickly and readily done without displacement of the bung and within a very limited space, as the operator can exert the force of his arm in addition to the weight of the head, which is made of metal and of a suitable weight.

Now after the bung is in position should the washer 13 require tightening it is simply necessary to let the arm C C fall outward, so that the tongues 6 6 project into the slot 8, as is shown in Fig. 2 of the washer 9, when this washer can be screwed downward or upward to tighten or loosen the washer 13, so that in this capacity the tool acts as a wrench. Reversed these handholds also form a very suitable mallet in that they upon the top are provided, referring now to Fig. 1, with the wood extensions 1 1, which act as a head to receive the impact of this tool when used as a mallet or hammer in its inverted position.

In referring to the handholds C C it will be further noticed that a square removed portion or recess 2 2 is shown, which is adapted to accommodate an ordinary square-headed nut, so that in case a nut needs tightening this tool can be readily used.

The device is simple, can be readily oper-

ated, and is what is called a "mold-finished" article.

Having thus described my said invention, what I claim as new, and desire to secure by United States Letters Patent, is—

1. The combination with a slotted weighted head of two handholds pivotally secured thereto, as and for the purpose set forth.

2. The combination with a slotted weighted head of two handholds pivoted thereto, said handholds extending in like directions and being adapted to come into juxtaposition, each of said handholds being recessed to accommodate a tube, as and for the purpose set forth.

3. The combination with a slotted weighted head, of two pivoted handholds extending from opposite sides of said slot and in like directions and tongues pivoted to said handholds and working through said head, so positioned that when in an upright position, said tongues lie within the head but when permitted to fall outward, they project beyond said head, as and for the purpose set forth.

4. The combination with a weighted slotted head of two pivoted handholds extending from said head, guide-openings within said head, tongues extending from said handholds working within said head, said handholds being permitted a movement approximately in an arc of ninety degrees, said instrumentalities being so arranged that when said handholds are in one extreme position, said tongues are held within the head and when in the remaining extreme position, said tongues project beyond said head.

5. The combination with the slotted head, A, provided with the supporting-ears, B, B, the handholds, C, C, secured thereto, the openings, 7, 7, and the tongues, 6, 6, secured to said handholds and working within said openings, 7, as and for the purpose set forth.

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

HENRY F. KOLL.

Witnesses:

EUGENE PICKARD,
HENRY MARTIN.