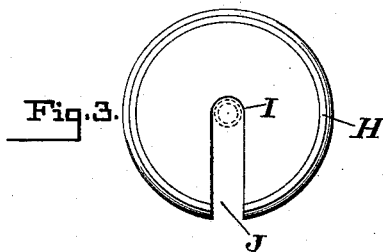
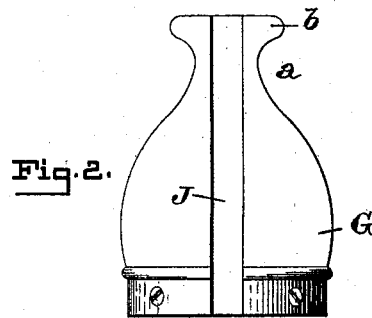
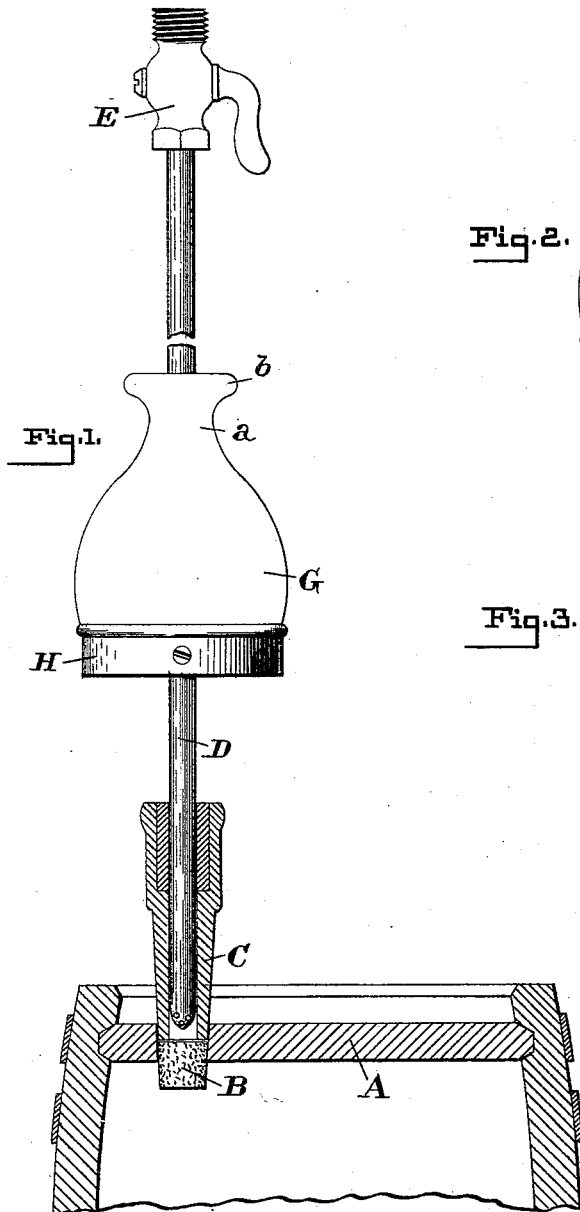


(No Model.)

J. KRATZ.
MALLET.

No. 492,608.

Patented Feb. 28, 1893.



WITNESSES:—

A. O. Babendreier

J. Parker Davis

INVENTOR:—

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Atty

UNITED STATES PATENT OFFICE.

JOHN KRATZ, OF BALTIMORE, MARYLAND.

MALLET.

SPECIFICATION forming part of Letters Patent No. 492,608, dated February 28, 1893.

Application filed June 7, 1892. Serial No. 435,826. (No model.)

To all whom it may concern:

Be it known that I, JOHN KRATZ, a citizen of the United States, residing at Baltimore city, in the State of Maryland, have invented certain new and useful Improvements in Mal-
5 lets, of which the following is a specification.

This invention relates to an improved mal-
let for driving bungs into beer-kegs, and the
object is to expedite the operation of intro-
10 ducing the drawing-off tube. By the old
method a bung with a cork closing its bore
was driven in the bung-hole forcing the stop-
per before it into the keg, and then the tube
through which the beer is drawn off, run
15 through the bung pushing the cork therein
before it into the keg. The objections to this
method are that in driving in the bung with
an ordinary hammer or mallet, it will fre-
quently be struck on the side which will cause
20 it to go in crooked, and make a bad joint with
the keg; also a cork is necessary to prevent
the escape of the beer through the bung be-
fore the drawing-off tube is inserted. I over-
come these objections by the use of a spe-
25 cially constructed mallet whereby the bung
may be driven in while the drawing-off tube
is fitted through it.

The invention is illustrated in the accom-
panying drawings, in which,—

30 Figure 1 shows a section view of the end or
head of a beer-keg, a stopper in the bung-hole
thereof, the bung (in section), the drawing-off
tube fitting the bore of same, and my improved
mallet,—these parts being in the positions
35 they occupy as the bung is commenced to be
driven in by said mallet. Fig. 2 shows a side
view of the mallet; and Fig. 3, a bottom view
of the same.

The letter, A, designates the head of a beer-
40 keg; B, a stopper which fills the bung-hole in
said head; C, a bung-bushing which is to take
the place of the said stopper and which has a
bore through it; D, a tube which fits said bore
and extends to the bottom of the keg to draw
45 off the beer; and, E, a suitable faucet on the
outer end of said drawing-off tube.

The usual method of inserting the drawing-
off tube has been to set the hollow bung, C,—
before the tube is fitted through it,—against
50 the stopper, B, and drive it in with a suitable
implement such as an ordinary hammer or
mallet, thereby pushing out the stopper be-

fore it into the keg. A cork is inserted in the
bore of the said bung to prevent the beer flow-
ing out before the tube is inserted. After the
bung has been driven tightly in, the drawing-
55 off tube, D, is run through the bung pushing
the cork out before it.

By my method I place the hollow bung, C,
with the drawing-off tube, D, fitting its bore, 60
against the stopper, B, and employ a mallet
having a special construction whereby the
bung may be driven in while the tube remains
in said bung. This mallet comprises a circu-
lar block, G, of wood or other suitable mate- 65
rial having a flat base and bound around the
outside by a metallic band, H, to prevent it
from splitting. The upper part of the block
is rounded off and tapered to a narrow neck,
a, above which is an enlarged head b. This 70
shape adapts the mallet to the hand so that
it may be grasped around the narrow neck
with the thumb and fore-finger, while the re-
mainder of the hand bears on the rounding
portion of the block. The enlarged head pre- 75
vents the mallet slipping from the grasp.

The mallet-block has a central longitudinal
bore, I, through it, and a radial slot, J, ex-
tends from said bore out of the block and the
full length of the latter. 80

A mallet having the construction above de-
scribed is fitted around the drawing-off tube,
the latter entering through the radial slot, J,
into the bore, I. Now the mallet may be re-
85 ciprocated on the said tube to drive in the
bung-bushing, and the tube forms a central
guide for said mallet, which insures that it
will always strike the bung squarely and drive
it in straight.

It will be seen that with my arrangement 90
the necessity of a cork in the bore of the bung
is obviated, as the bung and drawing-off tube
are inserted together, with the latter fitting
in the former.

My improved mallet is simple and strong 95
and may be very expeditiously employed.

The radial slot, J, merely facilitates the ap-
plication of the mallet to the tube, D, so that
the bore, I, may fit on the tube. The inven-
tion is not limited to a mallet having such a 100
slot, however, as any other means which will
enable the mallet with its central bore to be
put on the tube, is within the principle of my
invention.

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

1. A mallet comprising a block having a
5 bore through its center and a radial slot extending from said bore to the outside of said block and the length of the same.
2. A mallet device for driving bung-bushings into beer-kegs, having in combination a
10 bung-bushing; a drawing-off tube fitted to the

said bung-bushing; and a mallet having a central bore to receive the said tube and reciprocate thereon and strike the bung-bushing.

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

JOHN KRATZ.

Witnesses:

F. PARKER DAVIS,
JNO. T. MADDOX.