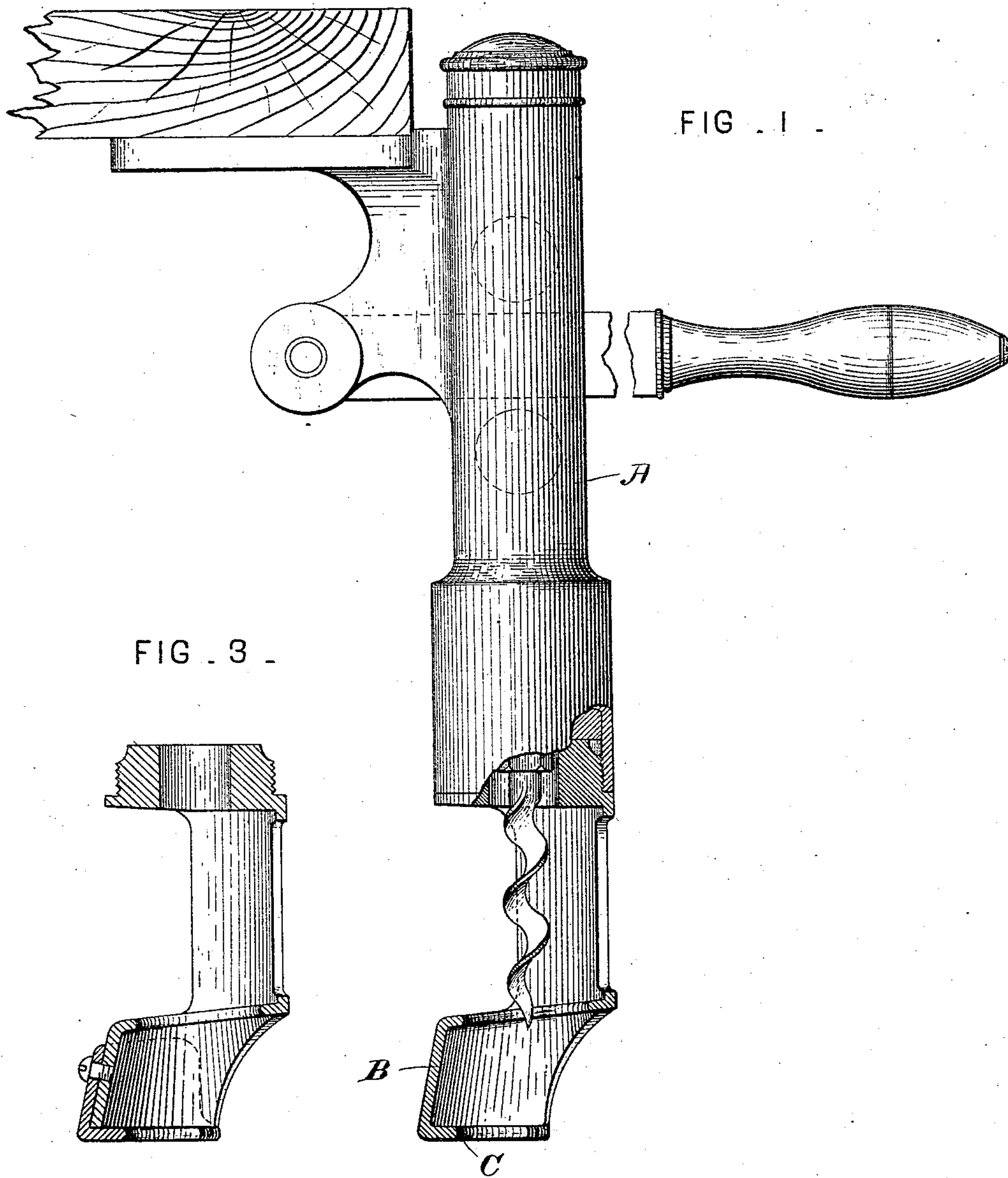


(No Model.)

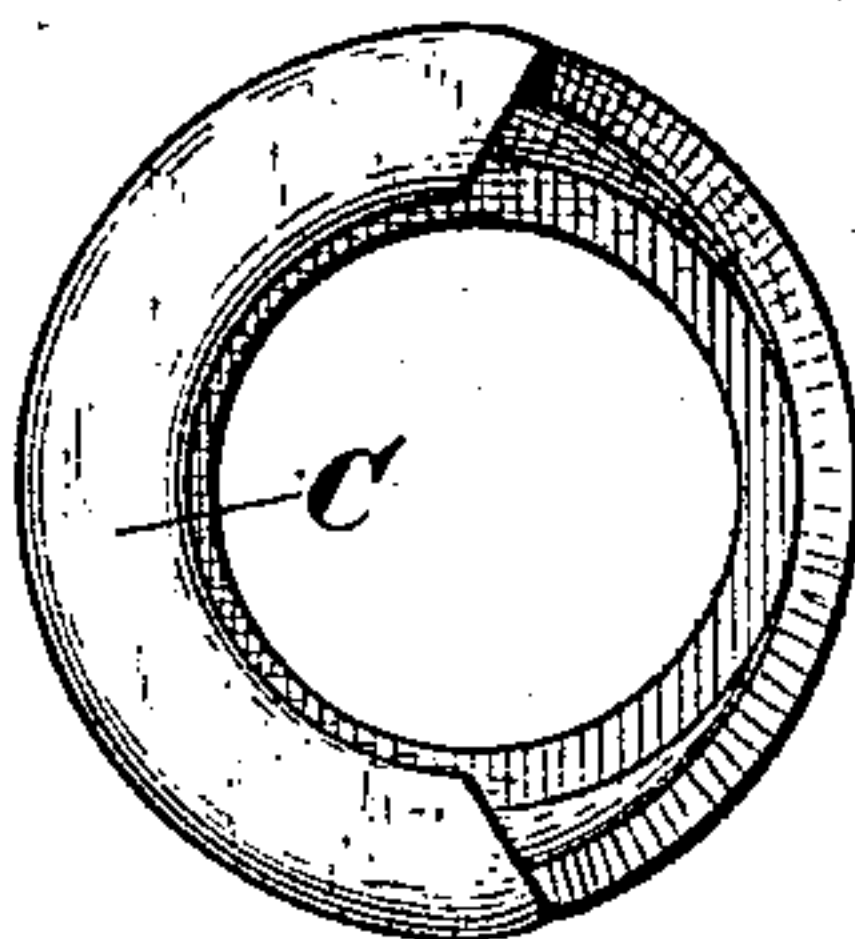
H. J. ENNIS.
CORKSCREW.

No. 454,725.

Patented June 23, 1891.



Attest:
Geo. T. Smallwood.
Jno. O'Connell



Inventor,
H. J. Ennis.

UNITED STATES PATENT OFFICE.

HENRY J. ENNIS, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR TO
ARTHUR B. WILLIAMS, OF SAME PLACE.

CORKSCREW.

SPECIFICATION forming part of Letters Patent No. 454,725, dated June 23, 1891.

Application filed January 26, 1891. Serial No. 379,126. (No model.)

To all whom it may concern:

Be it known that I, HENRY J. ENNIS, a citizen of the United States, residing at Washington city, in the District of Columbia, have
5 invented certain new and useful Improvements in Corkscrews; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention has relation to stationary cork-
15 screws, and more particularly to that class wherein a vertical motion of the screw-shaft engages the cork and withdraws it; and the novelty consists in a rigid retaining-flange located in the mouth of the machine and
20 adapted to hold the neck of the bottle as against the downward pressure caused by the insertion of the screw, thus dispensing with the manual pressure usually exerted in the act of inserting the screw in the cork, all of
25 which will be hereinafter more fully explained, and particularly pointed out in the claim.

In the drawings, Figure 1 is a side elevation of a corkscrew of the class described, the one taken in this instance being that shown and
30 described in Letters Patent No. 442,691, granted to me, to which reference may be had for a fuller description of the operation, and to which my improvement is here shown attached. Fig. 2 is a bottom view of the mouth
35 of the same, showing the bottle-retaining flange which forms the subject-matter of this invention; and Fig. 3 is a detail showing the retaining-flange as it may be applied to the pullers now in use.

40 A is the corkscrew proper, and is provided with the usual operating device for removing

the cork and discharging the same from the screw.

B is the mouth in which the neck of the bottle is inserted, and C is a semicircular
45 flange forming an extension and integral with the mouth B. It is obvious that if a bottle be inserted in the mouth B and the lever operated the jaws will engage the bulge on the neck of the bottle and hold it as against the
50 downward pressure exerted to insert the screw in the cork.

The construction of the operating mechanism of the corkscrew may be any of the approved constructions, and it will readily be
55 seen that the retaining-flange, which is the gist of this invention, can be applied to any or all of them.

In Figs. 1 and 2 I have shown the flange integral with the mouth of the machine. Nevertheless it may be made separately and
60 attached to those already constructed or now in use, as is clearly shown in Fig. 3.

Having thus fully described my invention, what I claim as new and useful, and desire to
65 secure by Letters Patent of the United States, is—

A corkscrew provided with a cylinder terminating in a truncated cone forming the
70 mouth thereof, which cone is provided with a rigid semicircular retaining-flange at its base to hold the bottle and prevent its downward movement while the screw is being inserted in the cork, as and for the purpose set
75 forth.

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

HENRY J. ENNIS.

Witnesses:

JOSEPH ROY,
JOHN P. ZONE.