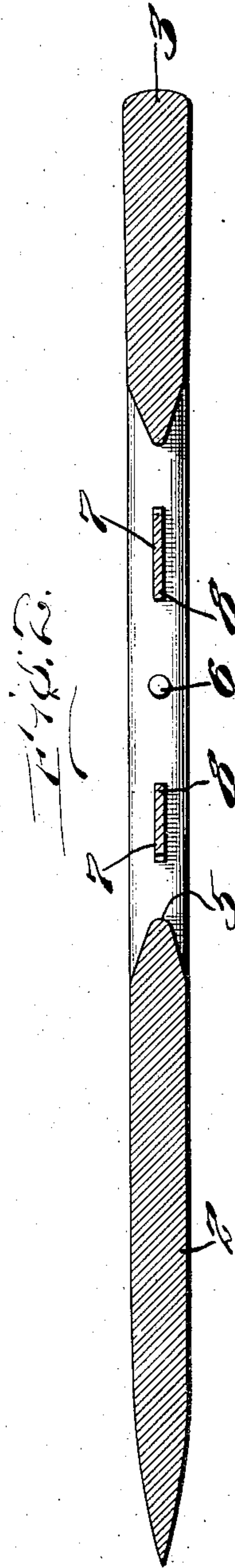
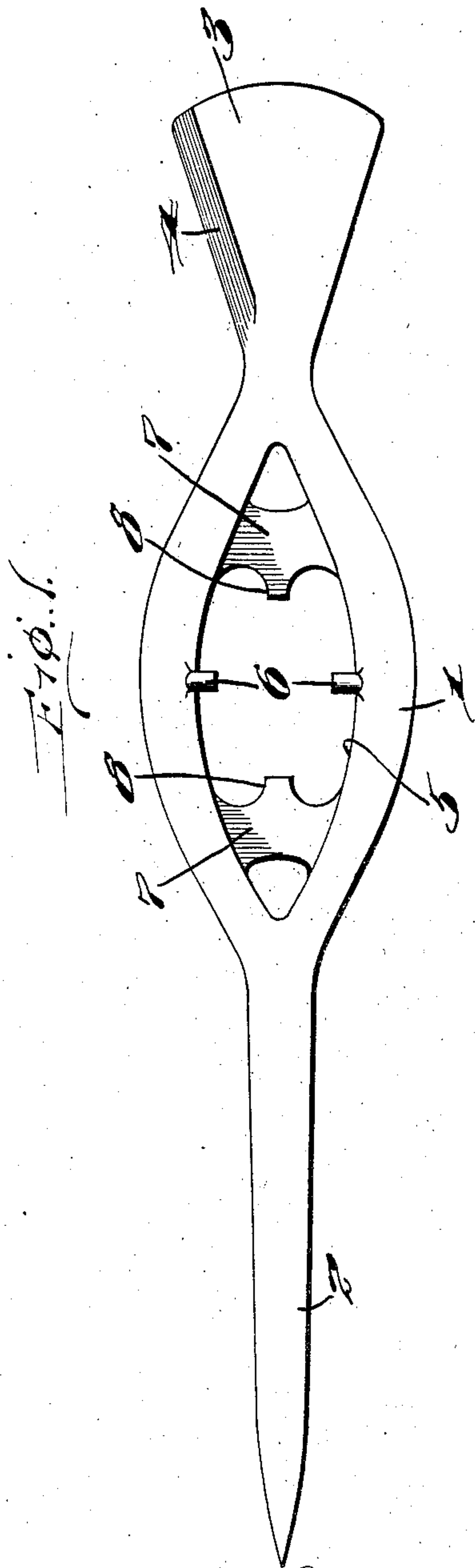


H. HUEBNER.
BOTTLE OPENER.

APPLICATION FILED SEPT. 26, 1910.

994,402.

Patented June 6, 1911.



Inventors

Witnesses

J. M. Fowler Jr.

Thos. Brennan

Harry Huebner,

By

Joshua R. T. Potts,

Attorneys

UNITED STATES PATENT OFFICE.

HARRY HUEBNER, OF PHILADELPHIA, PENNSYLVANIA.

BOTTLE-OPENER.

994,402.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed September 26, 1910. Serial No. 583,705.

To all whom it may concern:

Be it known that I, HARRY HUEBNER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Bottle-Openers, of which the following is a specification.

My invention relates to improvements in bottle openers, the object of the invention being to provide a simple, inexpensive device of this character, which is adapted to remove metal caps from bottles when a rocking action is applied to the opener; and the latter is in position on the cap.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings: Figure 1, is a plan view illustrating my improvements, and Fig. 2, is a view in longitudinal section through the center.

The tool consists of an integral piece of metal divided into three essential parts, namely, an intermediate enlarged handle portion 1, a sharpened prong or tooth 2 at one end, and an enlarged hammer portion 3 at its other end. The hammer portion 3 is fan shape having one of its longitudinal edges beveled constituting a sharp cutting edge as shown at 4, which is designed for scraping or shaving ice, the other portion of said end is designed as a hammer to break pieces of ice while holding the same in the hand. The end 2, which as above stated is sharpened, is designed for picking the ice, and a handle portion 1 not only constitutes a grip, but its internal structure constitutes a bottle cap remover as will now be explained.

The handle portion 1 is of elliptical form having an elliptical opening 5 therein, and opposed inwardly projecting lugs 6 are located centrally of the handle portion and are in alinement midway the ends of the longitudinal walls of said opening 5, said lugs being integral with the handle portion. Cross plates 7 are made integral with the handle, extend across the opening 5 at equal distances from the lugs 6, and are provided with inwardly projecting lips 8 as clearly shown.

In operating the device as a bottle cap remover, the lugs 6 are located on top of the cap, and one of the lips 8 disposed under the corrugated edge of the ordinary cap. With the lugs 6 acting as a fulcrum for the tool, a downward pressure on the one end of the tool will easily force the cap from the bottle neck. By providing both plates 7, the tool may be operated in either direction according to which end of the tool the operator grasps either to press one end of the tool, or to lift the other, as the case may be.

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

A device of the character described, comprising an intermediate handle or grip portion having a longitudinal opening therein, opposed lugs projecting inwardly from the center of said handle portion, and plates extending across said opening adjacent the ends of the opening and located equidistant from the lugs, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HARRY HUEBNER.

Witnesses:

R. H. KRENKEL,
CHAS. E. POTTS.