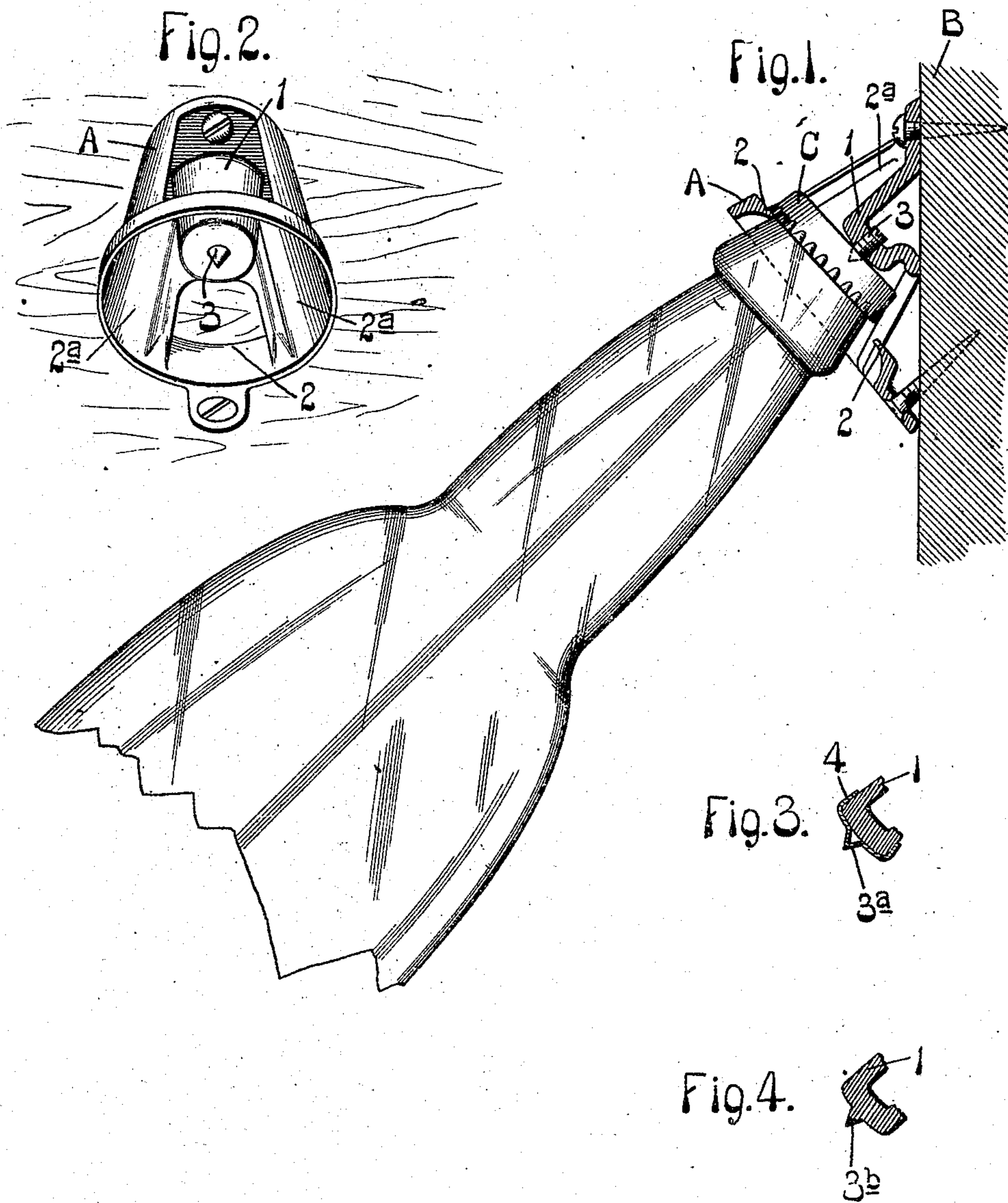


A. A. BUSCH.
BOTTLE OPENER.
APPLICATION FILED MAY 11, 1908.

900,480

Patented Oct. 6, 1908.



Witnesses
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UNITED STATES PATENT OFFICE.

AUGUST A. BUSCH, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-THIRD TO OTTO S. BUSCH AND ONE-THIRD TO MORRIS FREUND, BOTH OF ST. LOUIS, MISSOURI.

BOTTLE-OPENER.

No. 900,480.

Specification of Letters Patent.

Patented Oct. 6, 1908.

Application filed May 11, 1908. Serial No. 432,175.

To all whom it may concern:

Be it known that I, AUGUST A. BUSCH, a citizen of the United States, residing at St. Louis, Missouri, have invented a certain new and useful Improvement in Bottle-Openers, of which the following is a full, clear, and exact description, 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, forming part of this specification, in which—

Figure 1 is a vertical sectional view through a bottle-opener constructed in accordance with my invention showing a bottle in operative position for removing the closure thereon; Fig. 2 is a front elevational view of said opener; Fig. 3 is a detail sectional view of a modified form of my invention; and Fig. 4 is a detail sectional view of still another form of my invention.

This invention relates to bottle-openers that are used for removing crown-seal closures from bottles, and particularly to that type of crown-seal openers which are permanently connected to a stationary support such, for example, as a wall or bar in a saloon.

The object of my invention is to provide an opener of the type referred to which is provided with means for indenting or perforating the metal caps of the crown-seal closures that it removes so that said caps cannot be used again.

I have herein shown my invention in connection with a bottle-opener of the construction described in United States Patent No. 885,028, to F. C. Emrick and J. K. Baer, dated April 21, 1908, and referring to the drawings which illustrate my invention, A designates an opener that is adapted to be permanently connected to a support B. Said opener comprises a post 1 against which the metal cap C of a crown-seal closure is pressed, as shown in Fig. 1, and segmental-shaped lips 2 which are adapted to project underneath the crimped flange of the cap C and pry it off the mouth of the bottle when the bottle is tilted upwardly or downwardly, as clearly described in the patent referred to, said lips being arranged between segmental side walls 2^a. The post 1, against which the cap C is pressed in the operation of removing the closure, is provided with an indenting or perforating member that forms an indentation or hole in the top wall of the cap C during the

operation of removing it so as to prevent the cap from being used again.

In the form of my invention illustrated in Figs. 1 and 2 the indenting or perforating member 3 consists of a sharp-pointed screw mounted in the post 1 and projecting beyond the end face of same. With a construction of this description the member 3 can be removed and sharpened when it becomes dull or it can be replaced by a new indenting or perforating member so that the opener proper can be used indefinitely. Another advantage of such a construction is that the indenting or perforating member 3 can be adjusted relatively to the post 1 so that it will project the proper distance beyond the end face of the post 1. And still another advantage is that the perforating member can be formed from hard material that will not dull quickly.

In Fig. 3 I have illustrated a slightly modified form of my invention in which the indenting or perforating member consists of a device 4 formed from pressed metal and secured to the post 1, said device being provided with a sharp point 3^a that forms a perforation in the cap C during the operation of removing same. Instead of forming the indenting or perforating member separate from the post 1 the end face of said post can be provided with an integral sharp-pointed projection 3^b that forms a perforation in the cap C when it is forced against the end face of said post.

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

1. A bottle-opener comprising a member provided with means for removing a closure cap from a bottle, and a removable device on said member for forming an indentation or perforation in the top face of said cap during the operation of removing same; substantially as described.

2. A bottle-opener consisting of a member provided with a post against which a bottle-closure is pressed, means cooperating with said post for removing the closure, and a removable device on said post for forming an indentation or perforation in the closure during the operation of removing same; substantially as described.

3. A bottle-opener consisting of a member provided with a post against which a bottle-

closure is pressed, means coöperating with said post for removing the closure, and a sharp-pointed device adjustably mounted in said post for forming a perforation in the closure during the operation of removing same; substantially as described.

4. A bottle-opener comprising a member that is adapted to be connected to a support, side walls on said member, inwardly extending lips arranged between said side walls, a post centrally arranged between said lips, and an indenting or perforating member car-

ried by said post for forming an indentation or perforation in the closure during the operation of removing same; substantially as described. 15

In testimony whereof I hereunto affix my signature in the presence of two witnesses, this eighth day of May 1908.

AUGUST A. BUSCH.

Witnesses:

ERNEST W. STAMM,
EDWARD HILGER.