

No. 687,214.

Patented Nov. 26, 1901.

S. W. ENTREKIN.
BOTTLE OPENER.

(Application filed Feb. 12, 1901.)

(No Model.)

Fig. 1.

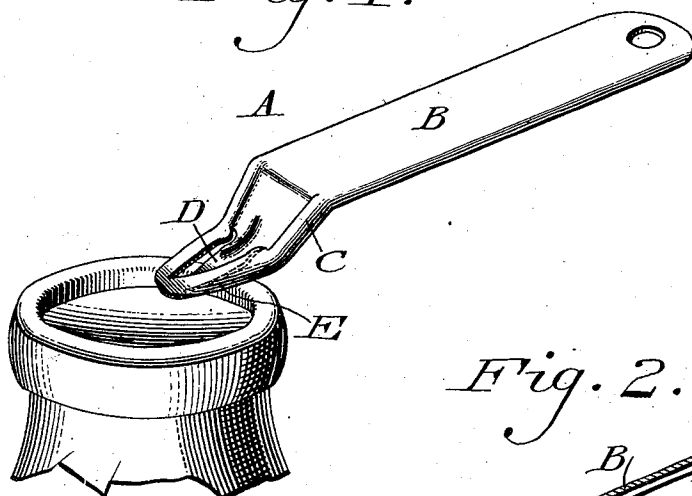


Fig. 2.

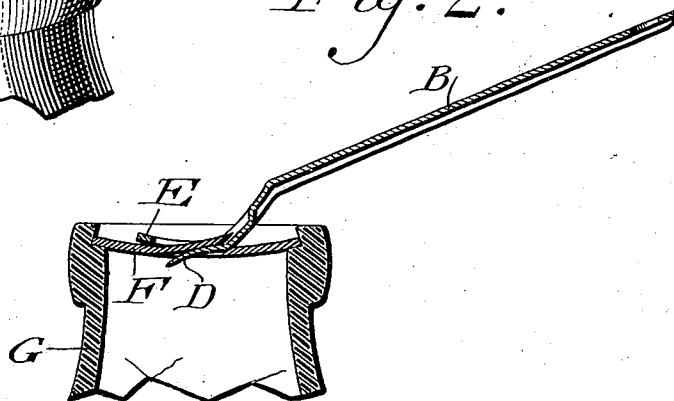


Fig. 3.

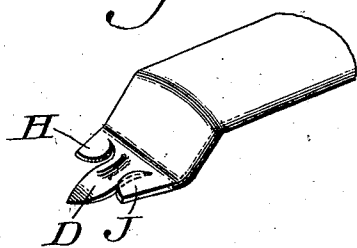


Fig. 4.

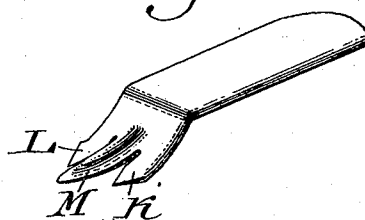


Fig. 5.



Witnesses

P. J. Hagler.
Henry C. Kennedy.

Inventor

Samuel W. Entekin
By *Edwin H. Vanhook*

Attorneys

UNITED STATES PATENT OFFICE.

SAMUEL WINFIELD ENTREKIN, OF PHILADELPHIA, PENNSYLVANIA.

BOTTLE-OPENER.

SPECIFICATION forming part of Letters Patent No. 687,214, dated November 26, 1901.

Application filed February 12, 1901. Serial No. 46,972. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL WINFIELD ENTREKIN, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Bottle-Openers, of which the following is a specification.

My invention relates to an improvement in bottle-openers; and it consists of a blade or tongue and a guard therefor.

Figure 1 represents a perspective view of the bottle-opener and a portion of a bottle to which the same is applied. Fig. 2 represents a sectional view showing the opener in position. Figs. 3, 4, and 5 represent perspective views of the bottle-openers, showing slight changes in the form thereof.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a bottle-opener, consisting of a blade or tongue D, and a guard E, situated above the blade or tongue, which is adapted to prevent the blade from improperly entering the cap or stopple F of the bottle G, said blade or tongue being integral with or secured to a shank B, which latter is provided with the downwardly-projecting portion C.

In Fig. 3 I have shown the blade D and the guard formed of two parts H and J, and in Fig. 4 I have shown the blade formed of two parts K and L and the guard M situated between the two, and in Fig. 5 I have shown a blade N with a guard P directly above the same.

The operation is as follows: The blade or tongue D is forced into the cap F at an angle until the guard E prevents the further insertion of the same, and by pressing downward on the handle B the face of the tongue, which is in substantially the same plane as the guard, engages with the cap F without further cutting of the same, and the cap F is removed from the bottle, the operation of the different constructions being the same. It will be noticed that by this construction the tongue or blade enters the cap at an angle, and as the said cap is usually formed of fibrous material the

same can be replaced in the bottle and will form a perfect seal after the opener is removed, since the parts of the cut will overlap, and even should the cap become wet it will tend to close the opening still more. It will also be noticed that the cap can be removed without splashing the material contained in the bottle and that the guard E will strike the sides of the bottle before the knife, since the said guard projects beyond the blade or knife, and thus prevents the latter from coming in contact with the bottle and becoming dull.

I am aware that can-openers have been made with guards and a tongue having a cutting edge which, however, extends toward the guard, so that the edge will cut when properly operated; but this in contradistinction to my invention, wherein the tongue is forced into the cap, and then when the handle is moved the surface or face toward the guard engages with said cap to remove the same.

It will be evident that various changes may be made in the construction that will come within the scope of my invention, and I do not, therefore, desire to be limited in every instance to the exact construction as herein shown and described.

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

1. In a bottle-opener, a shank, a tongue projecting therefrom and a guard projecting from said shank above said tongue and deflected in the opposite direction, which latter has a cutting edge and a substantially flat face for engagement with the cap of a bottle.

2. In a bottle-opener, a shank, a downwardly-projecting portion, a guard extending therefrom, and an oppositely-deflected tongue extending from said portion and having a substantially flat face deflected from the plane of the guard.

SAMUEL WINFIELD ENTREKIN.

Witnesses:

JOHN A. WIEDERSHEIM,
C. D. McVAY.