

(No Model.)

J. HAGEBOECK, Jr.
HAND PROTECTOR FOR BOTTLES.

No. 536,928.

Patented Apr. 2, 1895.

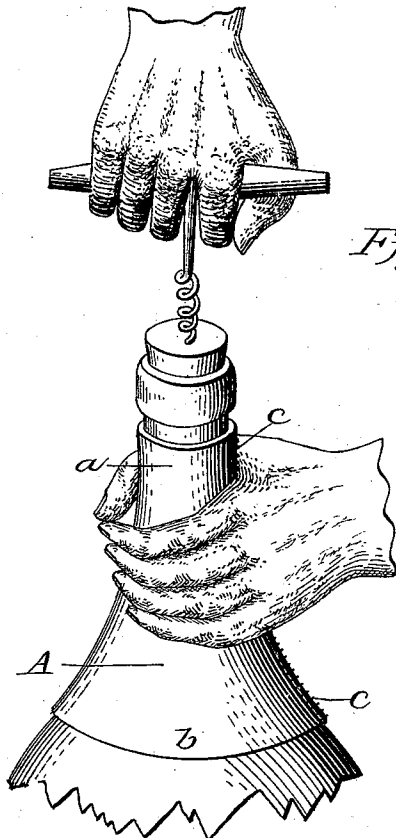


Fig. 1.

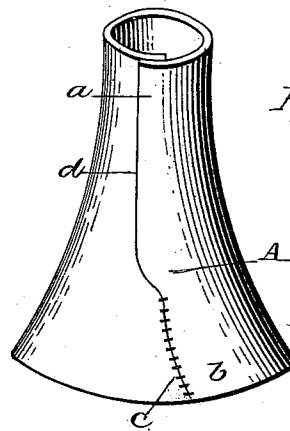


Fig. 2.

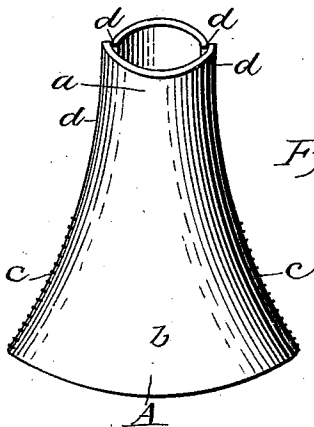


Fig. 3.

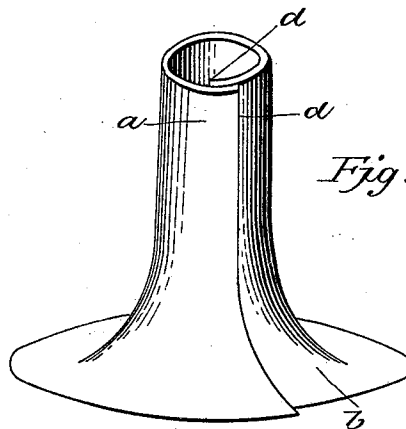


Fig. 4.

Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN HAGEBOECK, JR., OF DAVENPORT, IOWA.

HAND-PROTECTOR FOR BOTTLES.

SPECIFICATION forming part of Letters Patent No. 536,928, dated April 2, 1895.

Application filed July 23, 1894. Serial No. 518,376. (No model.)

To all whom it may concern:

Be it known that I, JOHN HAGEBOECK, Jr., a citizen of the United States, residing at Davenport, in the county of Scott and State of Iowa, have invented a new and Improved Hand-Protector for Bottles; and I do declare the following to be a full, clear, and exact description of the invention, 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, and to the letters of reference marked thereon, which form a part of this specification.

The present invention relates to a hand-protector or shield designed to be applied to a bottle from which a stopper is to be drawn, for the purpose of protecting the hand from injury in case the bottle should break in the attempt to extract the cork.

The accompanying drawings illustrate the invention. Figure 1, shows the hand-protector applied to a bottle, and illustrates the manner of use. Figs. 2, 3, and 4, are perspective views of modified forms of the hand-protector.

The hand protector is lettered A in the drawings, and consists as shown of a tubular or funnel-shaped sleeve preferably of stiff leather which fits upon a bottle around the neck and above the swelling body-portion thereof. It comprises the upper contracted collar-portion *a* which surrounds the bottle-neck, and the lower flaring portion *b* which spreads out above the body of the bottle.

The collar portion *a* of the device is designed to be grasped by one hand, while the cork of the bottle is being drawn by the other hand (Fig. 1), or is being drawn by a stationary cork-screw such as is frequently employed; and the device cannot possibly slip from the bottle while the stopper is being drawn because the collar *a* is of much less diameter than the body of the bottle and pulling upon the cork will only tend to strain the collar more tightly upon the bottle-neck. In case the neck of the bottle should break the hand will not be injured because it is not in contact with the glass at all but simply grasps the collar of the protector A.

The lower flaring portion *b* of the protector conforms to the shape of the bottle below the neck and is thus extended laterally between

the body of the bottle and the hand which grasps the collar. This lateral extension of the lower portion of the protector A, besides adapting the device to the shape of the bottle, also constitutes a shield between the hand and the body of the bottle; and in originally applying the device to a bottle its flaring mouth enables it to be more readily directed into position thereupon.

In the form shown in Fig. 1, the device is formed of a single piece of leather properly rolled and shaped and having its meeting edges sewed together from top to bottom at the seam lettered *c*.

Fig. 2, shows the meeting edges of the leather seamed only a portion of the way from the bottom, leaving the edges *d* unjoined for some distance from the top. This construction permits the diameter of the collar to be adjusted so that when grasped by the hand it will fit closely about the bottle-neck, whatever the size of the bottle-neck may be. Fig. 3 shows a similar adjustable collar, the protector being formed in this instance of two pieces partially seamed together, at *c c*, but unjoined at and near the top leaving free edges *d d* as in Fig. 2.

Fig. 4, shows a modification in which the lower portion *b* of the protector, instead of gradually flaring and conforming to the shape of the bottle, is extended horizontally below the collar portion *a*, thus forming a broader shield or support between the hand and the body of the bottle.

The several different forms of the device illustrated in the drawings are intended to make clear that the general idea involved in the present invention may be appropriated in a variety of specific embodiments; any and all of which are included within the scope of the invention.

The material of which the protector is made is not of primary importance. Preferably it has a certain amount of elasticity or flexibility, so that when the collar of the protector is grasped the bottle can be firmly held and lifted thereby. Stiff leather has been suggested as a suitable material, but the device can well be made, for example, from thin sheet-metal, such as tin or zinc.

The hand protector may be used with any bottle with which its employment may be de-

sirable. It is especially designed for bottles containing beer, cider, champagne, &c., or mineral waters. In opening such bottles it frequently happens that the neck of the bottle breaks, due to the force exerted in endeavoring to draw the stopper, and in such case the hand which holds the bottle is very liable to be cut and injured by the broken glass.

- 10 With the use of the hand-protector herein described, the hand is shielded from all injury in case of the accidental breaking of the bottle. The bottle can also be held more comfortably by the use of the hand-protector, 15 since there is less strain upon the palm of the hand than when the bottle is grasped by the naked hand.

I claim as my invention—

- 20 1. In combination with a bottle, a removable hand-protector placed upon the neck thereof for use during the operation of drawing the cork, said hand-protector having a tubular collar which loosely encircles the neck of the bottle and is adapted to be 25 grasped by the hand, and having a diameter less than the diameter of the body of the bottle so as to hold the bottle back when the cork is pulled upon, substantially as set forth.

- 30 2. In combination with a bottle, a hand-protector placed upon the neck thereof for use during the operation of drawing the cork,

said hand-protector having a tubular collar of flexible material loosely surrounding and covering the bottle-neck and contractible in diameter so that when grasped by the hand 35 it will adjust itself to closely embrace the neck of the bottle, substantially as set forth.

3. In combination with a bottle, a hand-protector placed removably upon the neck thereof for use during the operation of drawing the cork, said hand-protector comprising 40 a tubular upper portion which surrounds and covers the neck of the bottle, and a spreading lower portion which extends laterally to constitute a shield between said collar and 45 the body of the bottle, substantially as set forth.

4. A hand-protector for bottles, to be used during the operation of drawing the cork, comprising the collar *a* which will fit loosely 50 around the neck of a bottle, and the flaring mouth-portion *b* at one end of said collar serving both as a guide in applying the device and as a spreading shield for the upper end of the bottle-body, substantially as set 55 forth.

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

JOHN HAGEBOECK, JR.

Witnesses:

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