

E. J. SHAUT.
 DEVICE FOR REMOVING BOTTLE CAPS.
 APPLICATION FILED DEC. 27, 1912.

1,064,937.

Patented June 17, 1913.

Fig. 1.

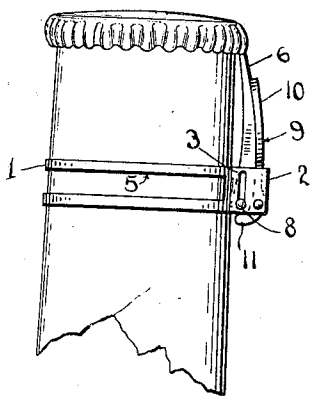


Fig. 2.

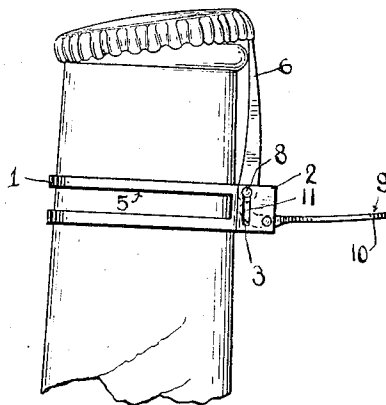
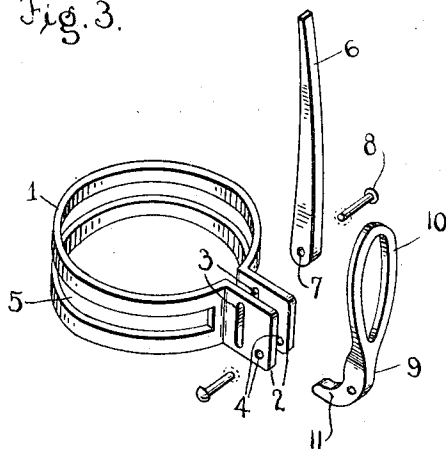


Fig. 3.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

EDWIN J. SHAUT, OF JACKSON, MICHIGAN.

DEVICE FOR REMOVING BOTTLE-CAPS.

1,064,937.

Specification of Letters Patent.

Patented June 17, 1913.

Application filed December 27, 1912. Serial No. 738,945.

To all whom it may concern:

Be it known that I, EDWIN J. SHAUT, a citizen of the United States, residing at Jackson, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Devices for Removing Bottle-Caps; 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.

This invention relates to improvements in devices for removing bottle caps.

One object of the invention is to provide a bottle cap remover adapted to be applied to and to remain in permanent engagement with the neck of a bottle in position to be engaged with the caps of the bottle, whereby said caps may be quickly removed.

Another object is to provide a bottle cap remover of this character which will be simple, strong, durable and inexpensive in construction, efficient and reliable in operation and which is small and will not interfere with the filling, packing or using of the bottle.

With these and other objects in view, the invention consists of certain novel features of construction, and the combination and arrangement of parts as will be more fully described and claimed.

In the accompanying drawings: Figure 1 is a side view of the neck of a bottle showing my improved cap removing device in place thereon and in normal or inoperative position; Fig. 2 is a similar view showing the manner in which the parts are operated for removing the cap of the bottle; Fig. 3 is a detail perspective view of the device showing the parts thereof separated.

My improved bottle opener comprises an attaching and supporting band or ring 1 the ends of which are bent outwardly to form parallel bearing lugs 2 in which are formed aligned vertically disposed slots 3 and aligned bolt or rivet holes 4. If desired, the band or ring 3 may be slotted or recessed longitudinally as shown at 5 thereby saving metal and reducing the weight of the device.

Slidably mounted between the inner portions of the lugs 2 is a cap engaging finger 6 having in its inner end a bolt or rivet hole 7 which registers with the slots 3 on the lugs

2 and through which and having a sliding engagement with the slots 3 is a finger attaching bolt or rivet 8, whereby the finger 6 is slidably secured to the ring or band 1.

Pivoted at its angle between the outer ends of the lugs 2 is an L-shaped lever 9 comprising a flat apertured handle 10 and a short inturned arm 11 standing below the inner arm of the finger 6, said end being rounded or curved as shown. When in normal position the lever 10 folds up along the outer side of the finger 6 as clearly shown in Fig. 1 of the drawings and when said lever is operated or the handle end thereof swung outwardly and downwardly will engage the rounded end of the finger 6 thereby forcing or projecting the latter upwardly which operation will cause the upper end of the finger to engage and unseat or force the cap from the upper end of the bottle neck as clearly indicated in Fig. 2 of the drawings.

My improved cap removing device is formed of any suitable non-corrosive metal and, as hereinbefore stated, is designed to remain permanently on the neck of the bottle and may be repeatedly used for removing the successive caps which are placed on the bottle when the latter is refilled. By permanently attaching the device to the bottle the same is always at hand and in place when needed and takes the place of the usual form of separate cap removing device which is frequently misplaced and cannot be found when needed.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as claimed.

Having thus particularly described my invention, what I claim is:

The herein described bottle cap remover comprising a band adapted to encircle the neck of a bottle and having outturned lugs formed with aligned slots and rivet holes, a bolt passing through the slots, a finger having one end standing between the lugs

and pivotally mounted on the bolt and its
other end adapted to engage the bottle cap,
an L-shaped lever having its short arm nor-
mally underlying the pivoted end of the
5 finger, and a rivet through its angle and the
rivet-holes of said lugs, the whole operating
substantially as described.

In testimony whereof I have hereunto set
my hand in presence of two subscribing wit-
nesses.

EDWIN J. SHAUT.

Witnesses:

JOHN C. FOX,
MARGARET CLARKE.