No. 725,277. PATENTED APR. 14, 1903.

I. E. NEWELL.

BOTTLE OPENER.

APPLICATION FILED MAR. 31, 1902.

NO MODEL.

Fig. 1.

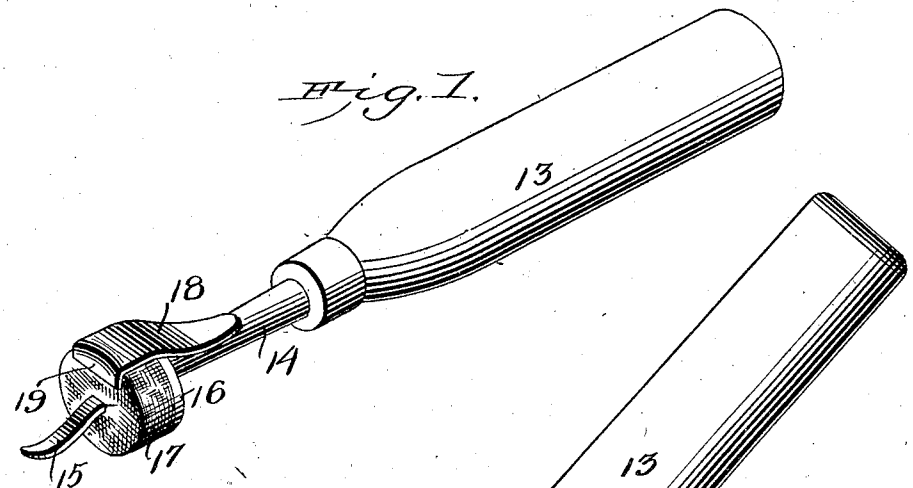


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

IRA E. NEWELL, OF MAYSVILLE, KENTUCKY.

BOTTLE-OPENER.

SPECIFICATION forming part of Letters Patent No. 725,277, dated April 14, 1903.

Application filed March 31, 1902. Serial No. 100,820. (No model.)

To all whom it may concern:

Be it known that I, IRA E. NEWELL, a citizen of the United States, residing at Maysville, in the county of Mason and State of Kentucky, have invented a new and useful Bottle-Opener, of which the following is a specification.

This invention relates to devices employed for removing the closures of bottles, more particularly to that class of closures in which a staple or loop is provided for the engagement of the removing implement; and the invention consists in certain novel features of construction, as hereinafter described and shown, and specifically pointed out in the claims.

In the drawings illustrative of the invention, Figure 1 is a perspective view of the implement detached. Fig. 2 is a sectional side view of the upper portion of a bottle and its closure with the improved closure-removing implement applied thereto.

The bottle is represented at 10, and the closure at 11, with the usual staple or loop 12. The removing implement consists of a handle 13, in the lower end of which is secured a bar 14, with the extremity 15 curved and adapted to engage the staple or loop 12, as shown in Fig. 2. Attached to the bar 14 intermediate of its length is a plate 16, and likewise attached to the bar next to the plate is a flexible pad of rubber or other suitable yieldable material 17, the pad adapted to engage the rim 10^a of the bottle 10 when the implement is applied, as shown in Fig. 2, and prevent abrasion of the neck of the bottle and the plate 16 serving to prevent displacement of the flexible pad 17 in the direction of the handle of the device.

The implement when in use acts as a lever upon the closure 11, and the pad serves as the fulcrum of the lever and by its yieldable texture prevents the pressure from abrading the fragile material of the bottle.

Attached to the bar 14 is a guard-plate 18, extended over the plate 16 and pad 17 and projecting in front of the upper part of the pad, as shown at 19, and serving the purpose of a thumb-rest to assist the operator in placing the implement in position and also in using it in removing the closure and also serving as a shield to the pad and to assist in retaining it in position.

This makes a very simple, cheap, and efficient implement, not easily disarranged or broken and not liable, therefore, to get out of order.

The implement may be made in any required size and may be modified in minor particulars without sacrificing any of its advantages or affecting the spirit or scope of the invention.

Having thus described my invention, what I claim is—

1. A bottle-opener comprising a lever having a curved lower extremity, a yieldable pad disposed upon said lever at a distance from the point thereof, and a thumb-guard attached to said lever, bearing against the upper edge of the yieldable pad and having a downturned portion engaging the outer side of the latter, substantially as set forth.

2. A bottle-opener comprising a lever having a handle and a curved lower extremity, a yieldable pad disposed upon said lever at a distance from the point thereof, means for preventing the expansion of the said pad in the direction of the lever-handle, and a thumb-guard attached to the lever, bearing against the upper edge of the yieldable pad and having a downturned portion engaging the outer side of the latter, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

IRA E. NEWELL.

Witnesses:
THOMAS M. WOOD,
JOHN L. WHITAKER.