

933,988.

FIG. 1.

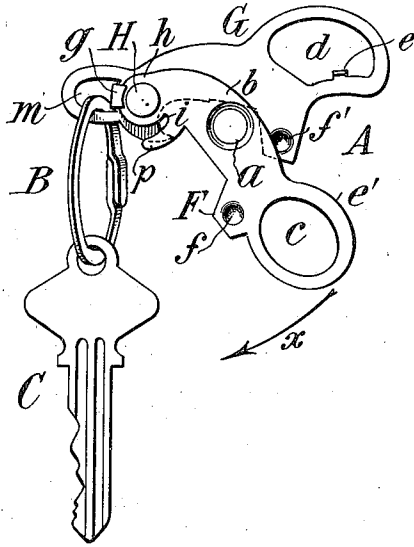


FIG. 4.



FIG. 3.

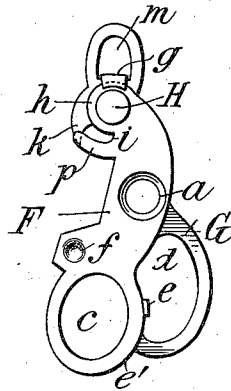
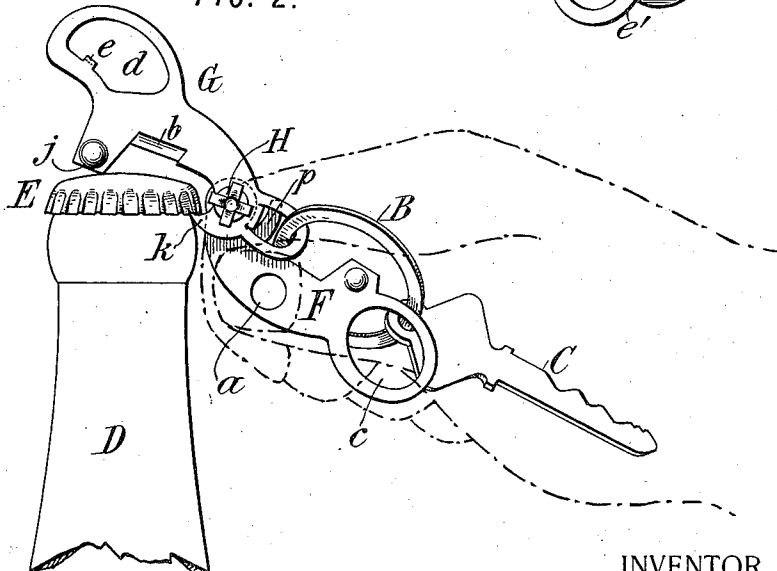


FIG. 2.



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UNITED STATES PATENT OFFICE.

ELLWOOD C. HUNT, OF POUGHKEEPSIE, NEW YORK.

BOTTLE-CAP LIFTER AND CIGAR-CUTTER.

933,988.

Specification of Letters Patent. Patented Sept. 14, 1909.

Application filed March 24, 1909. Serial No. 485,551.

To all whom it may concern:

Be it known that I, ELLWOOD C. HUNT, a resident of Poughkeepsie, in the county of Dutchess and State of New York, and a citizen of the United States, have invented certain Improvements in Bottle-Cap Lifters and Cigar-Cutters, of which the following is a specification.

This invention aims to provide a convenient implement for the pocket which combines with a cigar cutter a suitable and convenient opener for bottles closed with the ordinary corrugated caps or similar closures. The device is constructed as a scissors-like cigar cutter having on one of its jaws a prong for engaging the rim of the cap, and a seat for resting on the top of the cap to enable the requisite upward prying movement to be imparted for loosening and removing the cap. The device is preferably adapted to be hung upon a key-ring and to take little if any more space in the pocket than a key of the ordinary pin-tumbler type.

In the accompanying drawings: Figure 1 is an elevation of the device in position for use as a cigar cutter, and showing it in engagement with a key-ring and key. Fig. 2 is an elevation showing the device in position for use as a bottle opener. In this figure the device is shown viewed from the opposite side to Fig. 1. Fig. 3 is a view showing the device folded together for the pocket. Fig. 4 is a detail of a modified form of eye.

Referring to the drawings, A designates my improved pocket tool or implement, B a key-ring, C a key thereon, D a bottle, and E a bottle cap here shown as of the ordinary corrugated type.

The tool or device A is constructed of two blades or jaws of sheet metal lettered respectively F and G. They are pivotally united by a rivet H, so that they may move or swing upon one another in manner similar to that of a pair of scissors. In one of them, shown as the blade F, is formed an opening *a* for receiving the tip of the cigar to be cut, while the other blade is formed with a cutting edge *b* which by a relative swinging movement is carried across the opening *a* to cut off the tip of the cigar. In Fig. 1 the implement is shown in position for use as a cigar cutter. The opening *a* is countersunk on the side facing the observer in this view, so as to form a sharp edge on the opposite side next the knife edge *b*, so that the latter may coöperate with this sharpened edge to

make a clean shear cut. Cigar cutters of this type are in themselves well known. To facilitate manipulating the blades, they are formed with openings *c* and *d* respectively, like the blades of a pair of scissors, so as to admit the finger and thumb. One of the blades has a stop *e* formed by turning up an ear or projection so that it shall stand in the path of the other blade, striking it at the point *e'*, so as to serve as a stop when the blades are folded together for the pocket. They are shown thus folded in Fig. 3. To hold them together when thus folded the blades are formed with beads *f* and *f'* respectively, struck up or embossed in sheet metal, which in the folded position coincide and fit the one within the other. Being of rounded contour they are easily separated when it is desired to open out the blades for use.

When the implement is to be used as a bottle opener, its blades are opened wide apart, as shown in Fig. 2. In this position stops upon the respective blades come into engagement so as to prevent any further relative movement, and thereby permit the blade F to be used as a handle for the blade G. These stops might be variously formed, being afforded in the construction shown by turning in an ear *g* from the metal of the blade G, so that this ear overlaps and partly embraces the pivotal portion *h* of the blade F, and when the latter is swung around on the blade G in the direction of the arrow *x* in Fig. 1, the portion *i* which terminates the circular pivotal boss *h*, abuts against the edge of the ear *g*, and arrests further movement. When the jaws are thus opened out, the jaw or blade G is placed over the bottle cap, being formed with a projection or foot *j*, which rests upon the top of the cap to form a fulcrum, while near the pivot this blade is formed with a spur or hook *k*, which is adapted to enter under the rim of the flange, or into one of the corrugations of the cap, so that by exerting an upward prying movement upon the blade F, which serves as a handle, the cap is pried upward and detached from the bottle neck. The prying strain is resisted by the abutting shoulders or stops *g*, *i*.

In order that the implement may conveniently be carried upon a key-ring, one of the blades is formed with an eye *m* (or *m'* Fig. 4) through which the key-ring is passed. This eye may be an opening coin-

ciding with that from which the ear *g* is struck up, as shown in Figs. 1-3, but this is not necessary. The eye is so located that when the blades are opened out as shown in Fig. 2, it is not crossed or intersected by the other blade, so as to interfere with the key-
 5 ring. In using the device as a bottle opener, the key-ring and any keys upon it are conveniently kept out of the way by holding
 10 them within the hand and close to the blade *F*, as shown in Fig. 2, where the hand of the user is indicated in dotted lines.

The hook or spur *k* is protected when the blades are folded together for the pocket by means of a projecting finger *p* on the blade
 15 *F*. This finger is so arranged that it also guards the spur when the device is in use as a cigar cutter, as shown in Fig. 1; but when the jaws are opened wide for use as
 20 a bottle cap lifter, the finger is swung entirely beyond this spur, so as to leave the latter exposed and free for use.

The pocket implement thus described is very simple in construction, folds together so
 25 compactly as to be conveniently carried on a key-ring, may be conveniently opened out and used as a cigar cutter, and by an additional instantaneous movement is converted into a convenient and suitable bottle opener.
 30 My invention is not limited to the precise details of construction shown and described, but may be varied considerably without departing from its essential features.

I am aware that various constructions of
 35 pocket implements have been devised as bottle cap lifters, and that other constructions have been devised as cigar cutters; but I am not aware that a cigar cutter of the scissors or swinging-blade type has ever been adapted
 40 for use also as a bottle cap opener, thus combining in one compact implement the functions of both tools.

I claim as my invention:

1. A pocket implement comprising two
 45 blades pivoted together, the one formed with an opening and the other with a cutting edge to constitute a cigar cutter, one of the blades formed with a bearing foot and with a spur to constitute a bottle cap lifter, and the

blades formed with reciprocal stops to limit
 their opening movement and communicate the thrust from one to the other when the implement is used for prying off a bottle cap.

2. A pocket implement comprising two
 blades pivoted together, the one formed with
 55 an opening and the other with a cutting edge to constitute a cigar cutter, one of the blades formed with a bearing foot and with a spur to constitute a bottle cap lifter, and the other blade formed with a guard finger adapted to
 60 overlap and shield said spur when the blades are arranged in other than the cap-lifting position.

3. A pocket implement comprising two
 blades pivoted together, formed with recip-
 65 rocal stops to limit their relative movements, and one of said blades formed with a projecting eye adapted to receive a key-ring and located beyond the intersection of the other blade during its movement between said
 70 stops.

4. A pocket implement comprising two
 blades pivoted together, one blade having an ear adjacent to the pivot, overlying and embracing the pivotal portion of the other
 75 blade, and the latter having a stop shoulder terminating such pivotal portion and adapted to abut against said ear to limit the relative swinging movement of the blades.

5. A pocket implement comprising two
 80 members pivoted together at their ends, one of said members having a bearing foot and a spur to constitute a bottle cap lifter, and said member having also a cutting blade, and the other of said members having an
 85 opening adapted to co-act with said cutting blade to form a cigar cutter, the last-named member being adapted to serve as a handle for the first named member when the implement is used as a bottle cap lifter.
 90

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

ELLWOOD C. HUNT.

Witnesses:

WILLIAM C. ALBRO,
 LENA KLAUSMAN.