Sept. 30, 1941. A. M. PEROCCO 2,257,532

OPENING DEVICE

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Fig. 1.

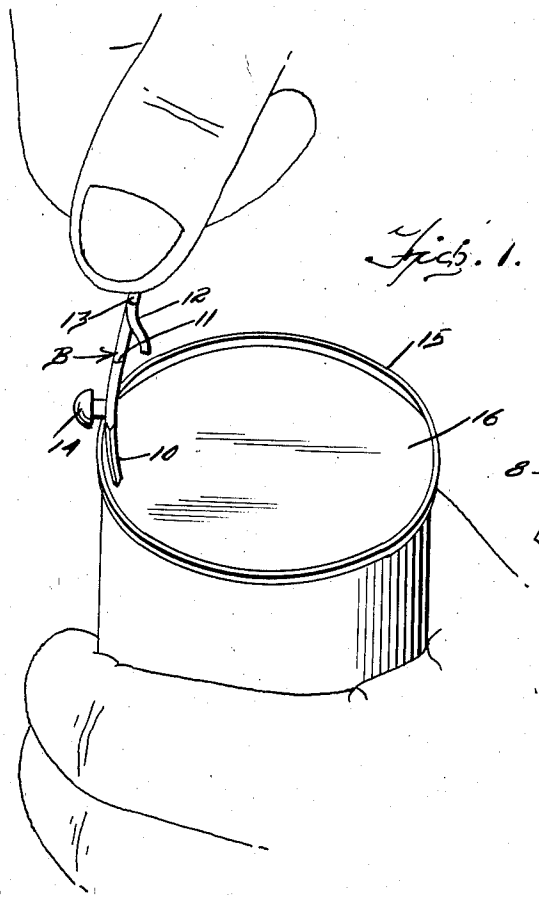


Fig. 5.

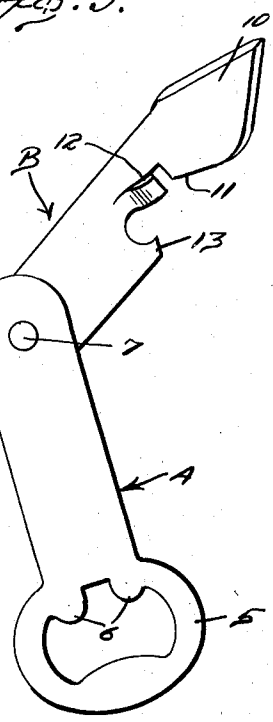
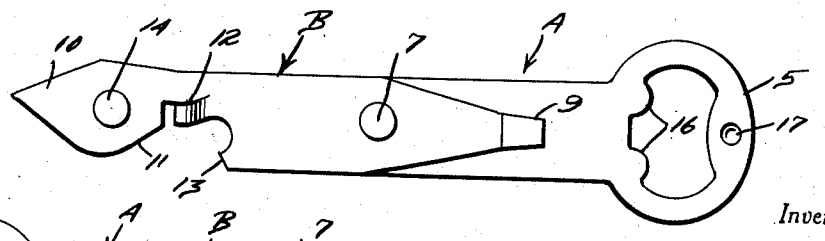


Fig. 4.



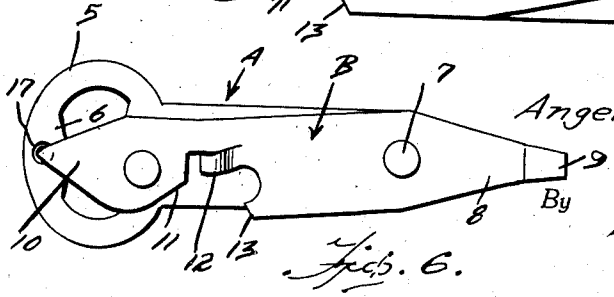


Fig. 6.

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Fig. 2.

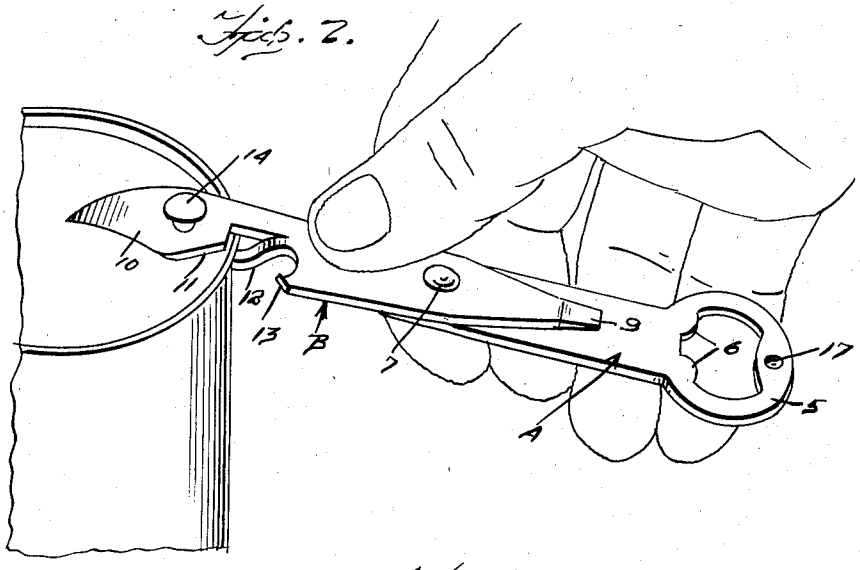
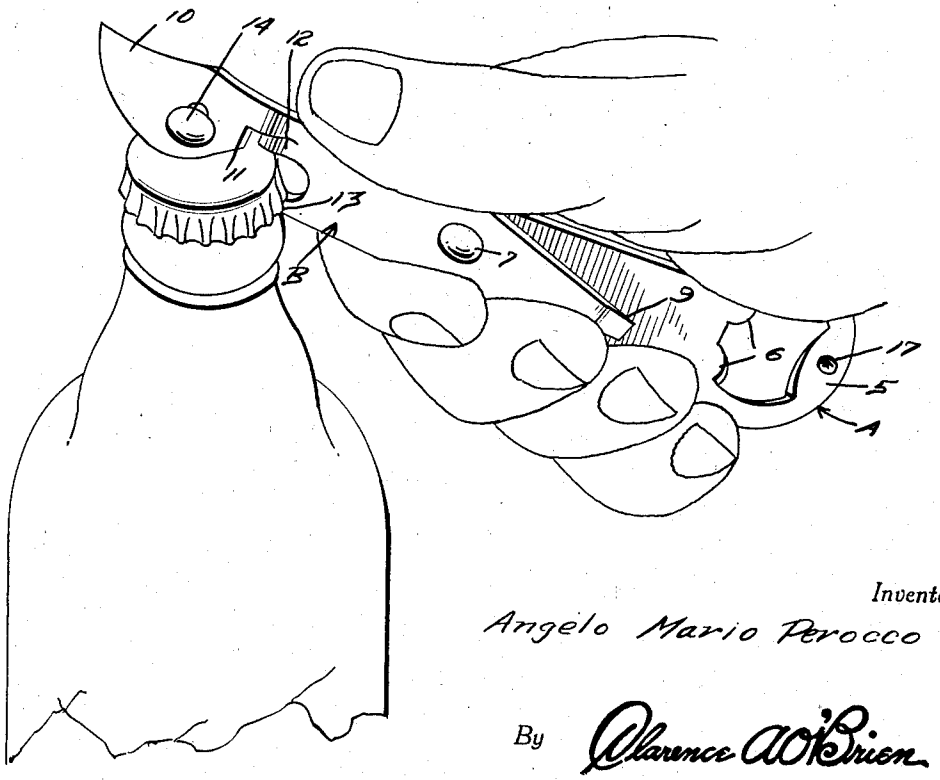


Fig. 3.



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UNITED STATES PATENT OFFICE

2,257,532

OPENING DEVICE

Angelo Mario Perocco, Santa Barbara, Calif.

Application January 31, 1941, Serial No. 376,901

4 Claims. (Cl. 30—3)

This invention appertains to new and useful improvements in opening devices such as are employed for opening bottles, jars and cans.

The principal object of the invention is to provide a can opener which is constructed in such a manner that it can be folded and carried in a person's pocket without chance of personal injury.

An important object of the present invention is to provide a device of simple construction and which is so constructed as to afford means whereby can tops can be cut or lifted and bottle caps of various types removed.

Other objects and advantages of the invention will become apparent to the reader of the following specification.

In the drawings:

Figure 1 represents a fragmentary perspective view showing the device in use cutting the top of a can.

Figure 2 is a fragmentary perspective view showing the device in use punching the top of a can.

Figure 3 is a fragmentary perspective view showing the device in use, lifting a crown type bottle cap.

Figure 4 is a top plan view of the device in extended position.

Figure 5 is a plan view of the device in cocked position.

Figure 6 is a plan view of the device in folded position.

Referring to the drawings wherein like numerals designate like parts, it can be seen that the device is made up of a pair of sections generally referred to by reference characters A and B. Both of these members are of elongated construction, the member A having an enlarged substantially transversely extending ovate-shaped head 5 of open construction and into which extends a pair of closely spaced wing members 6. This open head 5 and wing member 6 serve as a bottle cap remover.

Numeral 7 denotes a pin connecting the remaining end of the member A to an inner portion of the member B, leaving a reduced extension 8 at one end of the member B which can bear against the intermediate portion of the member A to brace the members when in extended position as shown in Figure 4. Furthermore, the terminal portion 9 of the extension 8 can be used as a screw driver.

The remaining end of the member B terminates in a two-way tapered blade 10 sharpened on both edges and this end portion of the member B is preferably curved as shown in Figure 1, to follow the curvature of the average can to be opened by cutting.

A cut-away portion 11 is provided on one side of the member B, this cut extending inwardly and longitudinally to define a lug 12 which is bent outwardly from the plane of the member B and this can be used as shown in Figure 2 for lifting inserted can tops and as a fulcrum when the point of the blade is being used to punch an opening in a can top as shown in Figure 2. One edge portion of the member B at the cut-away portion 11 is further formed with a cut-out portion to define a hook 13 which can be used as a bottle cap remover as disclosed in Figure 3.

To facilitate use of the device as a can top cutter, a headed stud 14 is provided at one side of the blade 10 and this rides the raised rim 15 of a can 16 as substantially shown in Figure 1 as the blade 10 is being used to cut open the top.

As is clearly shown in Figure 6, the head 5 is formed with a depression 17 for receiving the point of the blade 10, when the members are folded together.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:

1. An opening device of the character described comprising a pair of elongated members pivotally connected together, one of said members being pivoted to the other at a point inwardly from one end of the latter to define an extension adapted to bear against the intermediate portion of the other member, and opening means at the remaining end of one of the members, said opening means consisting of a tapered blade having both edges sharpened and a stud projecting laterally from the blade.

2. An opening device of the character described comprising a pair of elongated members pivotally connected together, one of said members being pivoted to the other at a point inwardly from one end of the latter to define an extension adapted to bear against the intermediate portion of the other member, and opening means at the remaining end of one of the members, said opening means consisting of a tapered blade having both edges sharpened and a stud projecting laterally

from the blade, said last-mentioned member having a cut-out portion defining a can lid lifting lug.

3. An opening device of the character described comprising a pair of elongated members pivotally connected together, one of said members being pivoted to the other at a point inwardly from one end of the latter to define an extension adapted to bear against the intermediate portion of the other member, and opening means at the remaining end of one of the members, said opening means consisting of a tapered blade having both edges sharpened and a stud projecting laterally from the blade, said last-mentioned member having a cut-out portion defining a can lid lifting lug, and a bottle cap removing hook.

4. An opening device of the character described comprising a pair of elongated members pivotally connected together, one of said members being pivoted to the other at a point inwardly from one end of the latter to define an extension adapted to bear against the intermediate portion of the other member, and opening means at the remaining end of one of the members, the remaining end of the other member being provided with an annular head having bottle cap engaging wing members projecting thereinto.

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