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T. KASKOURAS

2,455,496

CAN AND BOTTLE OPENER

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Fig. 1.

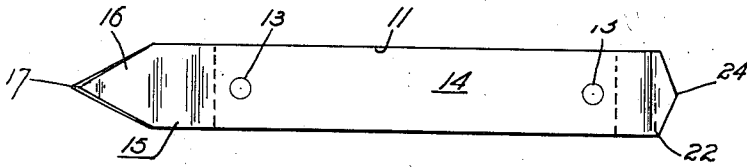


Fig. 3.



Fig. 2.

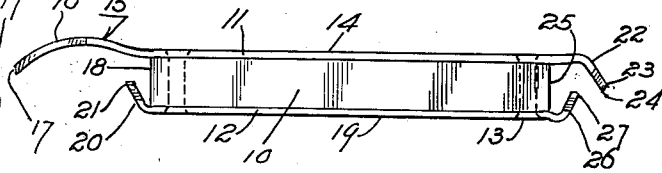


Fig. 4.

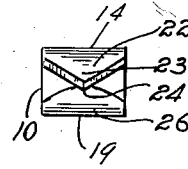


Fig. 5.

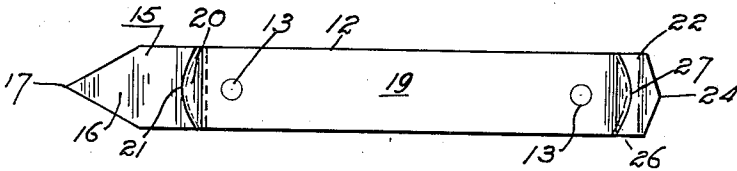


Fig. 6.

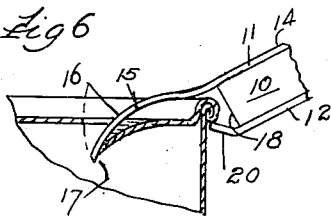


Fig. 8.

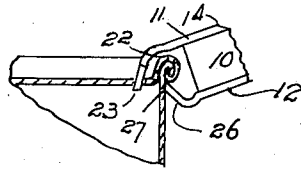


Fig. 7.

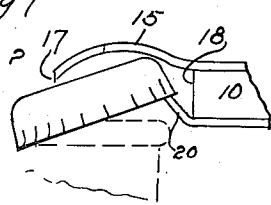
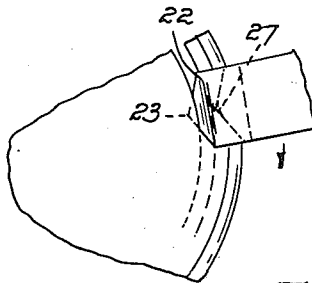


Fig. 9.



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UNITED STATES PATENT OFFICE

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CAN AND BOTTLE OPENER

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1 Claim. (Cl. 30—16)

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My invention relates to an opener adapted to open a can or remove a bottle top.

Among the objects of this invention is to provide a single tool adapted for use in cutting an opening in a can so that the contents may be poured therefrom, or cutting the entire top from a can so that the contents may be removed therefrom in their entirety, or removing a top by prying the same from a can or bottle. My device by its construction has unusual effectiveness in operation. My invention contemplates such other objects, advantages and capabilities as will later more fully appear and which are inherently possessed by my invention.

While I have shown in the accompanying drawings a preferred embodiment of my invention, yet I wish it understood that the same is susceptible of modification and change without departing from the spirit of my invention.

Referring to the drawings, Fig. 1 is a top plan view; Fig. 2 a side elevational view; Figs. 3 and 4 opposite end views; Fig. 5 a bottom plan view; Figs. 6 and 8 sectional views of points 17 and 23 penetrating a can, and Figs. 7 and 9 sectional and top plan views of the bottle cap remover in action.

The embodiment selected to illustrate my invention comprises a horizontal plastic body member 10, an upper horizontal metal member 11 attached to the upper surface of said body member, and a lower horizontal metal member 12 attached to the lower surface of said body member, said attaching to the body member being by rivets 13, or other suitable means.

The upper member 11 has a level middle portion 14 covering the upper surface of body member 10. Extending integrally beyond said level middle portion 14 at one end is a slightly upwardly curved portion 15, and extending integrally beyond said portion 15 is a slightly downwardly curved portion 16, with its opposite outer walls cut diagonally inwardly to form cutting edges and downwardly curved to meet at outer point 17.

Said portions 15 and 16 and point 17 extend beyond one end 18 of body member 10. Point 17 extends downwardly to a position which is in line horizontally with a point slightly above the center of body member 10.

The lower member 12 has a level central portion 19 covering the lower surface of body member 10. Extending integrally beyond said level central portion 19 is a short hook portion 20, which extends outwardly beyond end 18 of body member 10 and diagonally upwardly until its end 21 is on a line with substantially the center of

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body member 10. The opposite outer walls of hook portion 20 extend inwardly to a blunt end 21.

Portions 15 and 16 and point 17 of upper member 11 are positioned at the same end 18 of body member 10 as are hook portion 20 and its end 21 of lower member 12. In use, the end 21 of hook 20 is placed under the bead or rim of a can, end point 17 penetrates the can to form an opening therein. Hook 21 may also be used to pry off a bottle cap, with curved portions 15 and 16 acting as bearing surfaces.

Extending beyond the opposite end of middle portion 14 of upper member 11, is an integral short slightly upwardly curved portion 22 and integrally therebeyond a sharply downwardly curved portion 23 with its opposite outer walls cut diagonally inwardly to form cutting edges, and downwardly curved to meet at outer point 24.

Said portions 22 and 23 and point 24 extend beyond the other end 25 of body portion 10. Point 24 extends downwardly to a position which is in line horizontally with a point substantially below the center of body member 10.

Extending beyond the opposite end of central portion 19 of lower member 12 is a short integral hook portion 26 which extends outwardly, slightly downwardly and then diagonally upwardly until its end 27 is in line with a point slightly below the center of body member 10. The end 27 is a point at the outer end of the converging outer walls of hook portion 26.

Portions 22 and 23 and point 24 of upper member 11 are positioned at the same end 25 of body member 10 as are hook portion 26 and point 27 of lower member 12. In use, the end 27 of hook 26 is placed under the bead or rim of a can and point 24 penetrates the can at its outer portion just below the rim. Repeated cuttings of the can permit the top to be completely cut off, so that the contents may be removed in their entirety and without disturbing their form or shape.

It is to be noted that my plastic body member 10 is substantially greater in depth than any metal upper and lower members 11 and 12. This provides greater gripping area, increased leverage and sufficient weight for maximum operating efficiency.

Having thus described my invention, I claim:
A receptacle opener comprising a thick plastic body member, an upper metal member attached to said body member and extending therebeyond with downwardly extending cutting edges and penetrating points, and a lower metal member attached to said body member and extending

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therebeyond with upwardly extending hook portions.

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The following references are of record in the file of this patent:

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