Dec. 2, 1941. J. J. CESNICK 2,264,929

CAN OPENER

Filed May 28, 1940 2 Sheets-Sheet 1

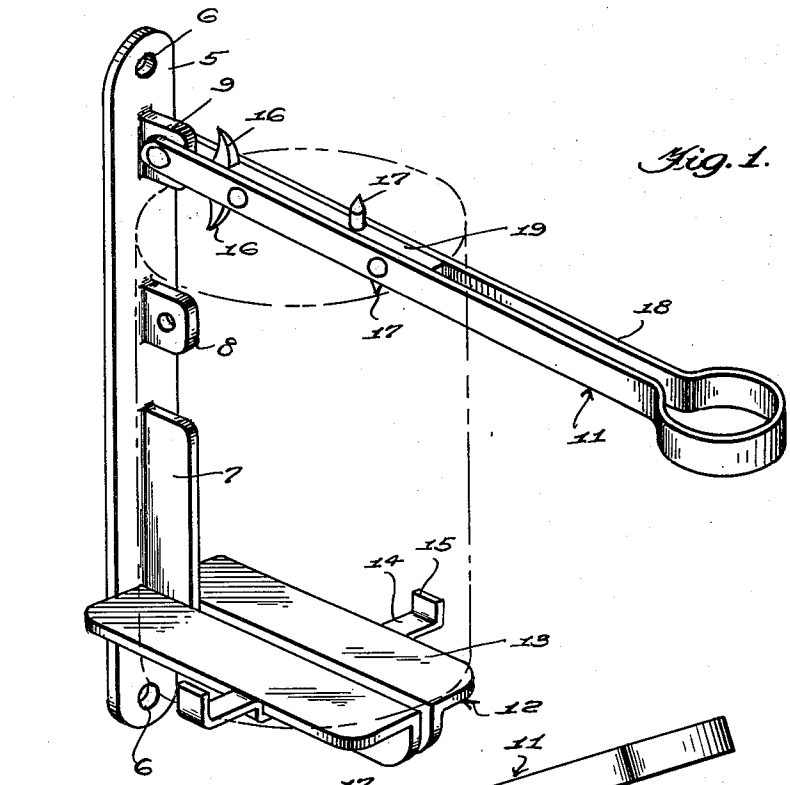


Fig. 1.

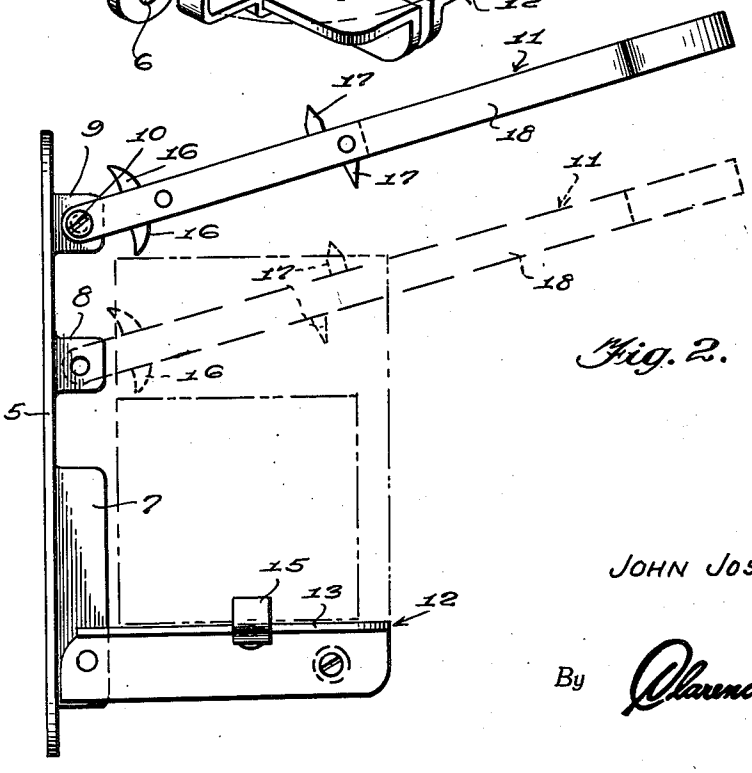


Fig. 2.

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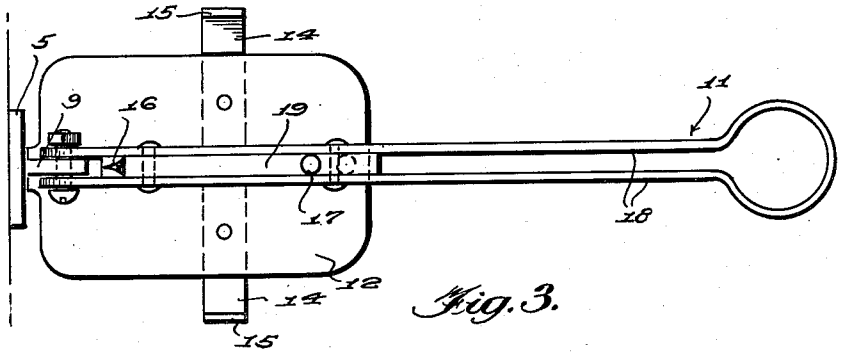


Fig. 3.

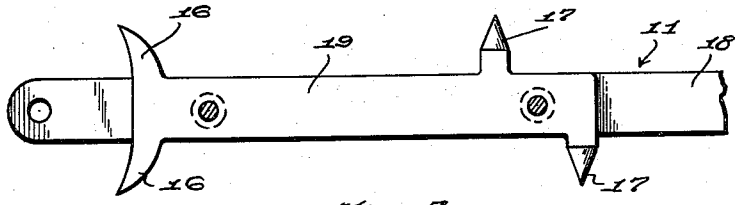


Fig. 4.

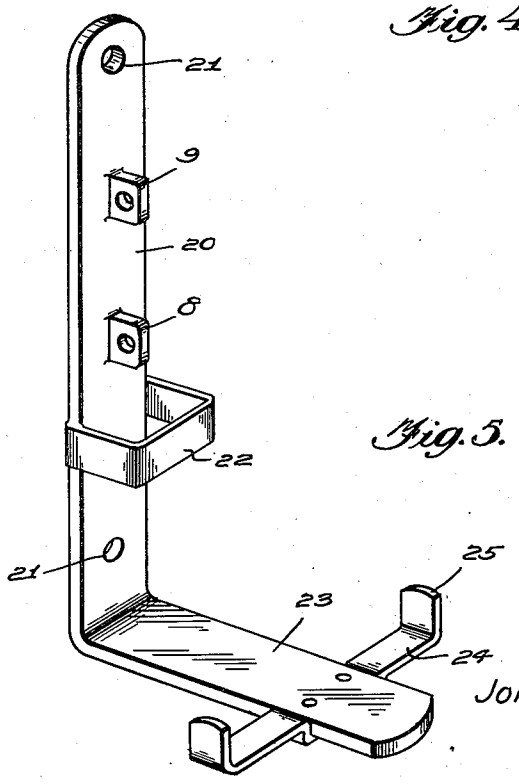


Fig. 5.

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2,264,929

UNITED STATES PATENT OFFICE

2,264,929

CAN OPENER

John Joseph Cesnick, Midland, Md.

Application May 28, 1940, Serial No. 337,715

1 Claim. (Cl. 30—10)

This invention relates to can openers, and has for the primary object the provision of a device of this character which is especially adapted for opening cans by puncturing a pair of openings therein in one operation, one of the openings being for pouring the contents and the other opening for venting the can to facilitate the pouring of the contents, the opening of the can as specified by the device may be carried out easily and quickly by a person with perfect safety and without danger of spilling the contents.

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

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view illustrating a can opener constructed in accordance with my invention.

Figure 2 is a side elevation illustrating the device, showing the different positions that the operating lever and the cutting elements carried thereby may be arranged for opening cans of different sizes.

Figure 3 is a top plan view illustrating the device.

Figure 4 is a fragmentary side elevation, partly in section, illustrating a portion of the operating lever and the can opening elements carried thereby.

Figure 5 is a perspective view illustrating a modification of this invention.

Referring in detail to the drawings, the numeral 5 indicates a vertically arranged supporting plate having openings 6 adjacent the ends thereof to receive screws or like fasteners for securing the plate on a support. Formed on one face of the supporting plate 5 and arranged in vertical alignment are spaced ears 7, 8 and 9. The ears 8 and 9 are apertured to receive a removable pivot 10 used for connecting an operating lever 11 to either of said ears for pivotal movement.

The ear 7 has secured thereto a horizontally arranged rest 12 preferably constructed of a pair of angle iron plates 13 arranged in close relation and secured on the ear 7. Extending laterally from the sides of the rest are restraining arms 14 having upstanding ends 15 for the purpose of preventing a can from slipping off of the rest 12 during the use of the device. As will be seen from Figures 1 and 2 when the can is arranged on the rest 12 the ear 7 will act as a spacer to properly position the can for action thereon by cutting or puncturing elements 16 and 17. The elements 16 and 17 are arranged in pairs with the elements of each pair extending from opposite sides of the lever. The lever is bent from a single piece of stock, as clearly shown in Figure 1, to form parallel portions 18 between which is riveted or otherwise secured a plate 19 on which the puncturing elements 16 and 17 are formed or secured. The puncturing elements 17 are arranged slightly out of alignment with each other. In other words, one of the elements 17 is located closer to the puncturing element 16 than the other puncturing element 17 for the purpose of permitting the device to act on cans of different sizes.

In operation, depending on what size can is to be opened, the lever 11 is mounted either on the ear 9 or ear 8 for pivotal movement, as shown in Figure 2. The lever is swung downwardly so that the puncturing elements disposed lowermost will enter the can and form in the top thereof spaced openings, one of which will provide a pouring opening while the other opening acts to vent the can. The puncturing elements 16 are each in the form of a tapering tooth while the puncturing elements 17 each are in the form of a pointed spike. Consequently, the puncturing elements 16 and 17 will form different shaped openings in the can. The opening formed by the puncturing element 16 will be of an elongated shape so as to permit the contents to readily flow therethrough while the opening formed by the element 17 will be substantially circular sufficient in size to permit atmospheric air to enter the can for venting purposes.

Referring to the modified form of this invention, as shown in Figure 5, the attaching plate is indicated by the character 20 and has an opening 21 adjacent its upper end to receive a fastener for securing the supporting plate on a support. The supporting plate has formed thereon the ears 8 and 9 to which the operating lever 11 may be pivoted. A substantially U-shaped member 22 is formed on the supporting plate below the ear 8 to act as an abutment or stop to be engaged by the can when positioned on a horizontal portion or rest 23 to properly place the can for action thereon by the puncturing elements. The rest 23 forms an integral part of the supporting plate 20 and is arranged at right angles thereto. A member 24 having an offset portion receives the rest 23 and projects beyond opposite edges with upturned ends 25. The member 24 and its up-

turned ends act to retain a can on the rest 23.

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of the invention as claimed.

Having thus described my invention, what I claim is:

In a can opener, a vertically arranged supporting plate, a lever pivoted on said plate, a can opening means carried by said lever, a vertically arranged elongated ear located below said lever and having one vertical edge thereof integral with the front face of said plate positioning the ear at right angles to the plate to act as a can stop for limiting the positioning of the can beyond the path of movement of said means in the direction of the supporting plate, closely related angle iron members secured on opposite sides of said ear and extending horizontally from the supporting plate to provide a rest for the can, and retaining arms secured to said members and extending from opposite sides of the rest and including upturned ends, said arms coacting with the rest in supporting the can on the upturned ends preventing shifting of the can transversely of the rest.

JOHN JOSEPH CESNICK.