A. MARCHAND.

CAN OPENER.

APPLICATION FILED APR. 13, 1911.

1,012,880. Patented Dec. 26, 1911.

Fig. 1.

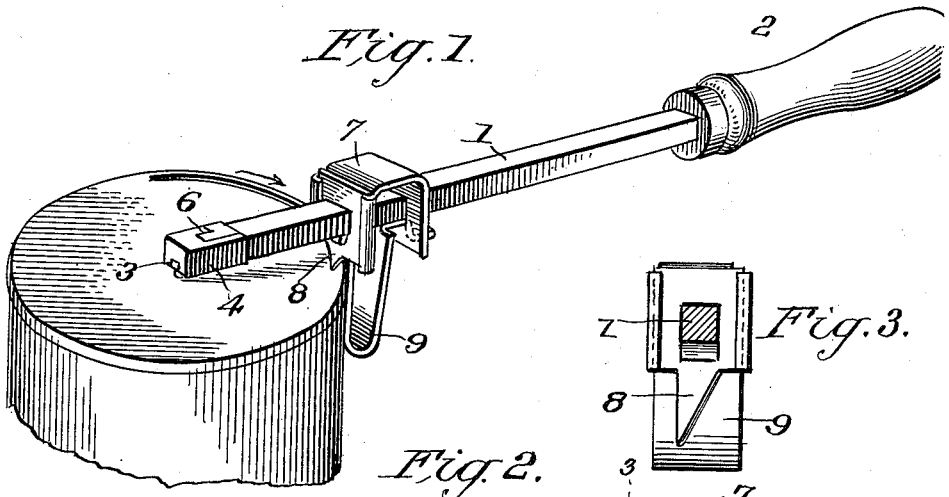


Fig. 3.

Fig. 2.

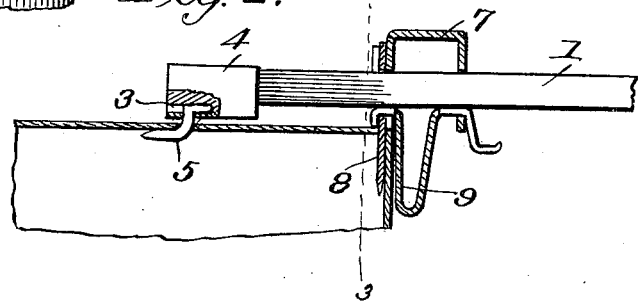
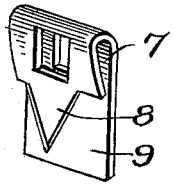


Fig. 4.



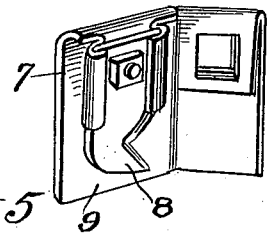
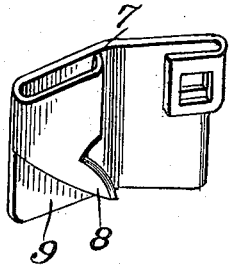


Fig. 5

Fig. 6.



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CAN-OPENER.

1,012,880. Specification of Letters Patent. **Patented Dec. 26, 1911.**

Application filed April 13, 1911. Serial No. 620,948.

To all whom it may concern:

Be it known that I, ALEXIS MARCHAND, a citizen of the United States, residing at Bridgeport, in the county of Douglas and State of Washington, have invented certain new and useful Improvements in Can-Openers, of which the following is a specification.

This invention has relation to can openers, and has for its object to provide an opener of simple structure which is adapted to cut a section of the top of the can and leave the edges of the can rolled inwardly at uniform width.

In structure the opener is simple and the parts so arranged that the can cutting and opening operation may be effected at the expenditure of but slight effort.

For a full understanding of the invention reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of the can opener; Fig. 2 is a side elevation of parts of the same with parts in section; Fig. 3 is a transverse sectional view of the same; Fig. 4 is a perspective view of a modified form of cutter; Figs. 5 and 6 are perspective views of other modified forms of cutters.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

The can opener consists of a bar 1 having at one end a handle 2. At its other end the bar is provided with a slot 3, and a sleeve 4 surrounds the slot and is provided with a point 5 the inner end portion of which is received within the slot 3. The point 5 is Z-shaped in side elevation and its pointed extremity is disposed approximately parallel with the long dimension of the bar 1. The sleeve 4 is formed from sheet metal the end portion of the strip of which is provided with recesses and tongues 6 which interlock at one side of the bar 1, as illustrated in the drawing, and serve as means for holding the end portions of the strip together to form the said sleeve 4. A frame 7 is slidably mounted upon the bar 1 and carries a cutter 8. Immediately behind the cutter 8 the frame 7 is provided with a stop 9 which is spaced from the said cutter and which is adapted to move along the outer surface of the can when the can opener is in operation and the cutter 8 is projected through the top of the can.

In operation the point 5 is projected through the center of the top of the can and the cutter 8 is projected through the edge portion of the top. The operator then uses the handle 2 as a lever whereby the bar 1 is swung about the point 5 as a pivot and the cutter 8 is carried around the edge portion of the can. During this movement the stop 9 moves along the outer surface of the side of the can and as the cutter 8 makes the incision in the top the edge portion of the can is rolled down, and the incision is at uniform distance from the side of the can throughout.

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

1. A can opener comprising a solid bar having at one end and at one side a slot, a handle mounted at the other end of the bar, a point having an end received within the slot, a sleeve mounted upon the bar and holding the point in the slot, and a cutter slidably mounted upon the bar between the handle and the sleeve and by which its sliding movement on the bar is limited.

2. A can opener comprising a solid bar having at one end and in one side a slot, a handle mounted at the other end of the bar, a point having an end received within the slot, a sleeve consisting of a strip of metal having at its ends recesses and tongues which interlock, said sleeve being mounted upon the bar and holding the point in the slot, and a cutter slidably mounted upon the bar between the handle and the sleeve and by which its sliding movement on the bar is limited.

3. A can opener comprising a non-circular solid bar having at one end and in one side a slot, a handle mounted at the other

end of the bar, a point having an end received within the slot, a sleeve mounted upon the bar and holding the point in the slot, a cutter frame having parallel side portions provided with registering openings which snugly and slidably receive the non-circular bar, and a cutter carried by the frame, said handle and sleeve adapted to limit the sliding movement of the cutter frame upon the bar.

In testimony whereof, I affix my signature in presence of two witnesses.

ALEXIS MARCHAND. [L. S.]

Witnesses:
B. F. SIX,
J. W. BOUSKA.