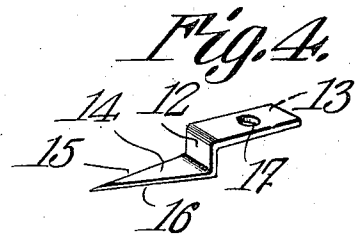
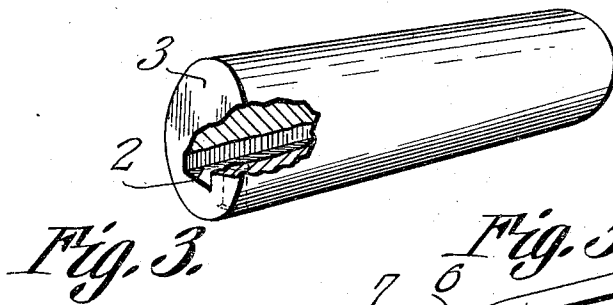
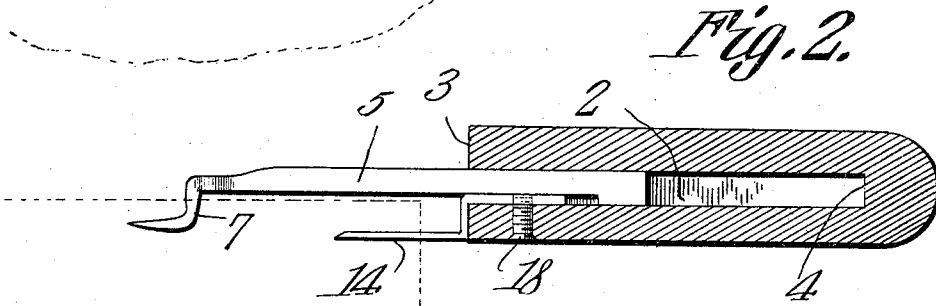
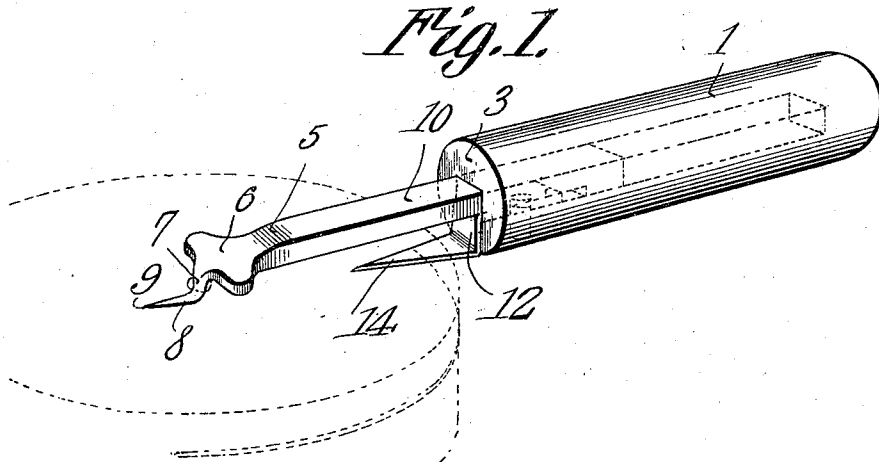


N. SIMMONS.
CAN OPENER.

APPLICATION FILED JULY 24, 1909.

966,711.

Patented Aug. 9, 1910.



Witnesses
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NOAH SIMMONS, OF NEOSHO, MISSOURI.

CAN-OPENER.

966,711.

Specification of Letters Patent.

Patented Aug. 9, 1910.

Application filed July 24, 1909. Serial No. 509,291.

To all whom it may concern:

Be it known that I, NOAH SIMMONS, a citizen of the United States, residing at Neosho, in the county of Newton and State of Missouri, have invented a new and useful Can-Opener, of which the following is a specification.

My invention relates to can-openers and has for an object to provide a device of this character which will remove the cover from a can by cutting around the side walls of the can adjacent the top edges thereof.

Another object is to provide a device of this character which will be adjustable to any size or shape of can.

A further object is to provide a device of this character which will have an extensible pivot arm having an expanded shank portion constituting a thumb-rest for the thumb of the operator's hand to bear against when applying pressure to the pivot arm.

With these and other objects in view which will appear as the nature of the invention is better understood, my invention embraces the structure illustrated in the accompanying drawing, described in the following specification and set forth in the appended claim.

In the accompanying drawing,—Figure 1 is a perspective view of a can-opener constructed in accordance with my invention. Fig. 2 is a longitudinal section of the same. Fig. 3 is a perspective detail view of the handle of the can-opener. Fig. 4 is a detail view of the cutting member. Fig. 5 is a detail view of the extensible pivot arm.

In a more detailed description of my invention in which like characters of reference designate similar parts in the views shown, 1 designates the handle of a can-opener having an oblong rabbet 2 formed longitudinally therein. The rabbet extends from the front flat face 3 of the handle in a rearward direction and terminates in a flat rear wall 4 adjacent the end of the handle.

Slidingly fitted in the hollow handle is a pivot arm 5 substantially rectangular in cross section and having at its outer end an expanded head 6 provided with a keeper 7 projecting downwardly in a plane at right angles to the plane of the pivot arm and terminating in a finger 8 extending forwardly in a plane parallel with the side of the handle. The finger 8 is adapted to engage the under surface of a can-cover and prevent the accidental disengagement of the

keeper therefrom. The finger 8 terminates in a sharp pointed end 9 adapted to penetrate a can cover at approximately its center and form an opening sufficient to permit the keeper to be engaged in operative position.

The shank of the pivot arm is expanded to provide a thumb rest 10 against which the thumb may be placed when operating the device and which provides a comfortable support or grip to facilitate the easy and effective manipulation of the device.

The inner end of the extensible pivot arm terminates in a stop shoulder 11 for engagement with the inner end of the cutting member 12, whereby to limit the outward movement of the arm and prevent the same from being accidentally disengaged from the hollow handle.

The cutter blade 12 is secured at one end in the rabbet of the handle, the secured end 13 being preferably thickened to provide a stop or shoulder for contact with the stop shoulder of the extensible pivot arm. The cutter blade is offset downwardly intermediate the ends to position the outer end 14 of the cutter blade in a plane with one side of the handle and parallel with the shank of the pivot arm. The outer portion 14 of the cutter blade is substantially triangular in facial contour and is provided with oppositely arranged cutting edges 15 and 16 so that the cutter may be used by either a right or left handed person.

Formed within the thickened end of the cutter blade is a screw threaded opening 17 to engage the threaded end of a screw 18 carried by one of the handle sections. The screw 18 is adapted to engage the threaded opening of the cutting member without projecting from the opening so as to impede the movement of the sliding extension arm.

It is evident that a can-opener of this kind may be adjusted to operative position on a can of any size as the extension arm may be slid forward in the hollow handle into engagement with the center of a can so that the cutting edge of the cutter blade may be positioned on the lateral side walls of the can adjacent the top edge thereof, and the device securely held in this position by the finger of the keeper carried by the pivot arm.

In operation, the keeper of the pivot arm is driven into the can-cover at approximately the center, and the cutting edge of the cutter blade revolved about the upper portion

of the side walls of the can, a circular cut being formed, which will effectively sever the top from the can.

From the foregoing description taken in connection with the accompanying drawing, it is thought that the construction and operation of my invention will be easily understood without a more extended explanation, it being understood that various changes in the form, proportion, and minor details of construction may be made without sacrificing any of the advantages or departing from the spirit of the invention.

What is claimed is;—

15 A can opener consisting of a hollow handle, a flat cutting blade bearing against the end of the handle and having its upper end

turned into the bore of the handle and secured upon the bottom of said bore, and a pivot arm slidably mounted in the bore of the handle over the blade and fitting closely against the top and sides of the bore, the lower side of the arm resting on the inturned end of the blade and provided at its inner end with a depending shoulder adapted to engage the said inturned end of the blade. 20 25

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

NOAH SIMMONS.

Witnesses:

I. H. CALLIER,
DELMER E. HARNES.