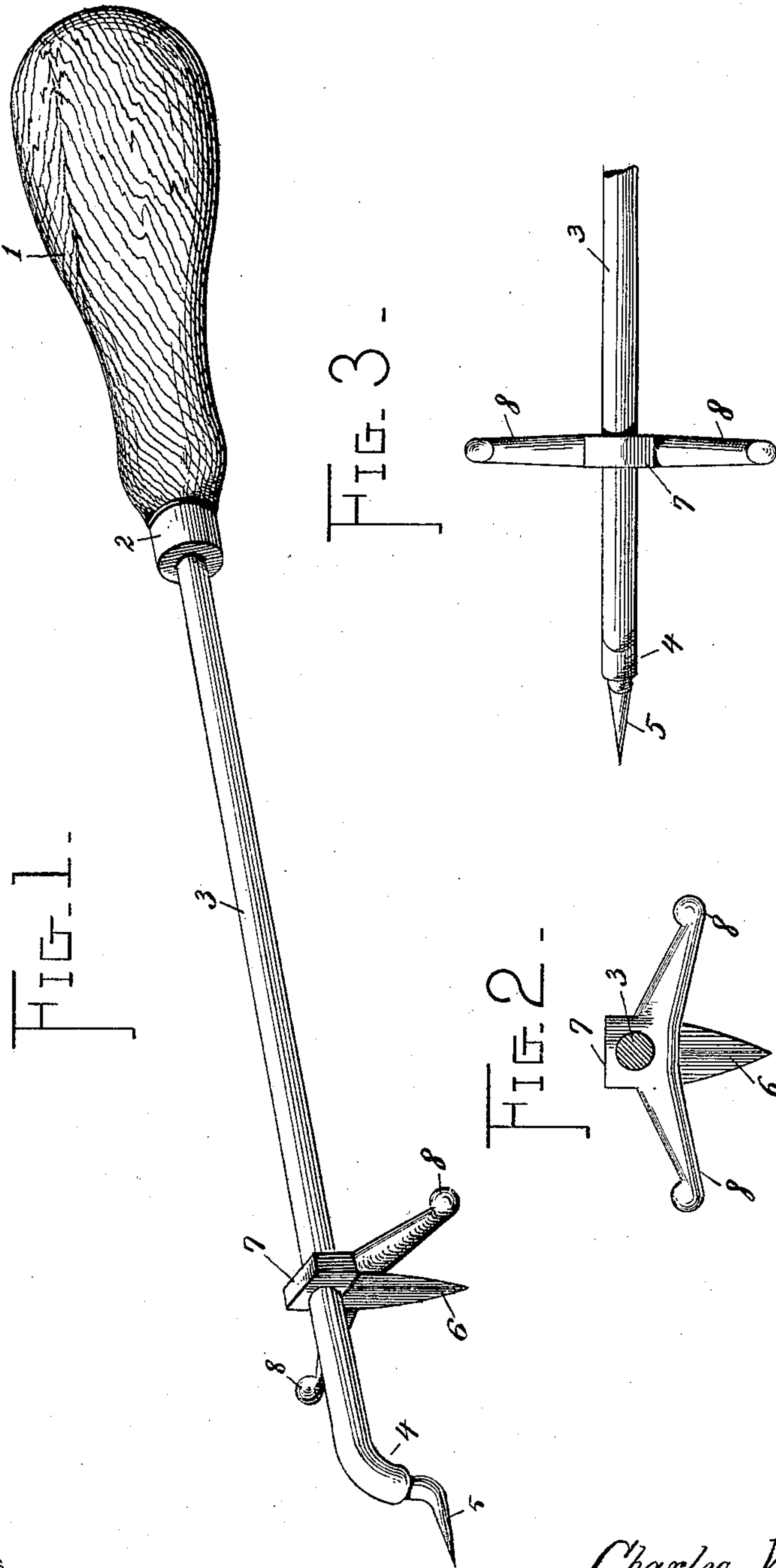


(No Model.)

C. W. GAREY.
CAN OPENER.

No. 594,469.

Patented Nov. 30, 1897.



Inventor

Charles W. Garey.

Witnesses

John P. Deufferwiel
J. B. Gardner

By his Attorneys.

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UNITED STATES PATENT OFFICE.

CHARLES W. GAREY, OF BERLIN, PENNSYLVANIA.

CAN-OPENER.

SPECIFICATION forming part of Letters Patent No. 594,469, dated November 30, 1897.

Application filed March 26, 1897. Serial No. 629,416. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. GAREY, a citizen of the United States, residing at Berlin, in the county of Somerset and State of Pennsylvania, have invented certain new and useful Improvements in Can-Openers, of which the following is a specification.

This invention relates to certain improvements in can-openers, and has for its object to provide a device of this character of a simple and inexpensive nature and of a strong and durable construction which is especially adapted for use in opening cans in a more convenient manner than is possible by means of other similar devices heretofore employed.

The invention consists in certain novel features of the construction, combination, and arrangement of the various parts of the improved can-opener, whereby certain important advantages are obtained and the device is made simpler, cheaper, and otherwise better adapted and more convenient for use, all as will be hereinafter fully set forth.

The novel features of the invention will be carefully defined in the claim.

In order that my invention may be the better understood, I have shown in the accompanying drawings a can-opener constructed in accordance therewith, in which drawings—

Figure 1 is a perspective view showing the improved can-opener. Fig. 2 is a transverse section taken through the can-opener and showing the form and arrangement of the cutter and guide-arms thereof. Fig. 3 is a plan view of the can-opener, showing the arrangement of the guide-arms of the cutter.

As shown in the views, the improved can-opener is formed with a handle 1, of wood or other material, having a ferrule 2, wherein is secured a shank 3, formed of a metal rod or bar of rounded or circular cross-section, having at its extremity a downwardly-bent portion 4, from which extends a rounded spur or prong 5 in line with the axis of the bar or rod 3, but in a plane below the same, said spur or prong 5 being adapted to be forced through the can to be opened at the central part of the head thereof, so as to form a fulcrum whereon the shank 3 of the can-opener swings.

The can-opener is provided with a cutter 6, of V shape, having its opposite edges beveled to form cutting edges and its point project-

ing down at right angles to the shank, and said cutter 6 is carried on a block 7, formed integrally with the shank 3 of the can-opener at a suitable distance from the prong or support 5, said block 7 being arranged to project, as clearly shown in Fig. 2, above the upper surface of the bar or rod of which the shank 3 is formed, so as to produce at its upper end a squared head, as clearly shown in Fig. 3, said head being adapted to be struck with a hammer or other device in order to force the blade 6 through the can in case said can should be of a thickness to require it.

In order to guide the cutter 6 as the shank is swung upon its fulcrum at the center of the can, I provide the block 7 with oppositely-arranged arms 8, projecting beyond opposite sides of said block and having their extremities arranged to project slightly down below the under side of the same, as shown in the drawings, the extremities of said arms 8 being, as seen in Fig. 3, made rounded upon their under sides, so as to permit them to be readily moved over the surface of the can to be opened.

In operation the prong or spur 5 at the extremity of the shank 3 is forced through the central part of the can-head, after which the point of the cutter 6 is pressed through the can-head, or, if the head be of unusual thickness, the squared upper end of the block 7 will be struck with a hammer or other article, so as to force said cutter through the can-head, after which the shank will be swung pivotally upon its prong or spur 5 as a fulcrum, so as to cause the cutting edge of the cutter to pass through the can-head and shear a circular opening in the same, as will be readily understood.

From the above description it will be seen that my improved can-opener is of an extremely simple and inexpensive nature and is especially adapted for the purposes for which it is designed, and it will also be understood that the invention is capable of some modification without material departure from its principles and spirit, and for this reason I do not wish to be understood as limiting myself to the precise form and arrangement of the parts herein shown.

Having thus described the invention, what I claim is—

A can-opener substantially such as shown and described comprising the block 7 having a central hammer-head and the horizontally-inclined arms which extend in opposite directions from said block and terminate in rounded ends, the lower edge of the block and its arms presenting an arched surface to provide for the clearance of the block when riding upon a can, a rod or shank attached to said block and having an elbow 4 and the entrance-prong 5, and a cutter-blade 6 attached to the

block and depending below the rounded terminals of the guide-arms, as and for the purposes described.

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

CHARLES W. GAREY.

Witnesses:

HENRY GAREY,
H. C. RIEHL.