

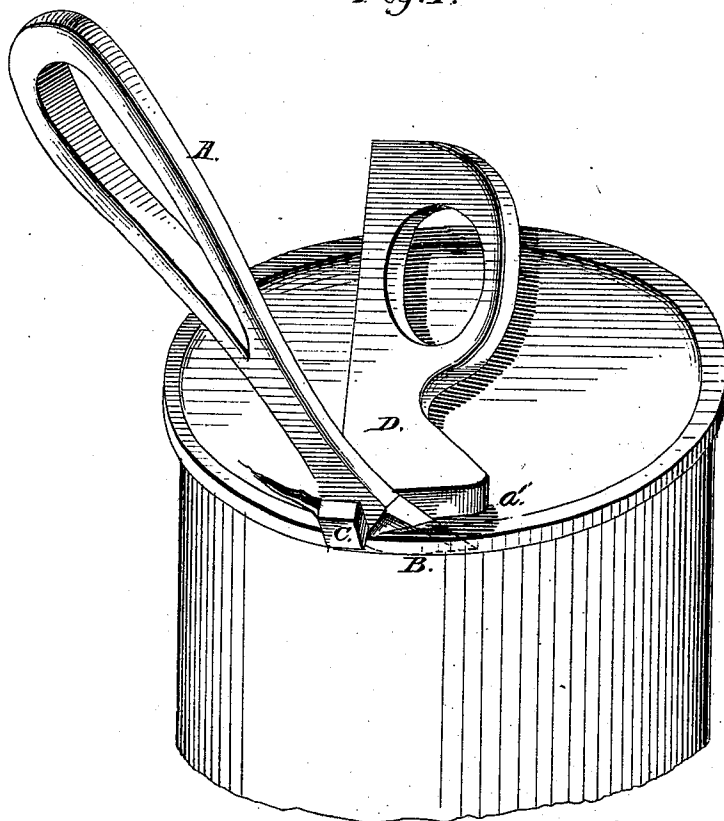
E. M. BURCHARD.

CAN-OPENER.

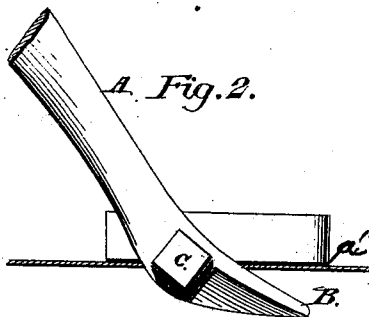
No. 173,110.

Patented Feb. 8, 1876.

Fig. 1.



A. Fig. 2.



Witnesses:
W. G. Chaffee
D. P. Fowl

Inventor.

E. M. Burchard

UNITED STATES PATENT OFFICE.

EDWARDS M. BURCHARD, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN CAN-OPENERS.

Specification forming part of Letters Patent No. **173,110**, dated February 8, 1876; application filed January 17, 1876.

To all whom it may concern :

Be it known that I, EDWARDS M. BURCHARD, of Washington, District of Columbia, have invented a new and useful Improvement in Can-Openers, of which the following is a specification:

My invention consists of a two-handled implement designed to open tin cans of all shapes and sizes, as will be more fully hereinafter explained.

Referring to the accompanying drawing, Figure 1 is a perspective view of my improved can-opener, and Fig. 2 is a side view.

Similar letters of reference indicate corresponding parts.

A represents a handle, which may be made of either wood or metal, and which is terminated at its end by the metal blade B. This blade B is formed with a sharp edge, peculiarly adapted to the cutting of tin or other sheet metal. D is a second handle, to which the handle A is attached by a screw or other pivot bolt, C, as shown. This handle D is formed with an edge, *a'*, against which the knife B works, giving thereby a clean shear-cut to the metal of the can.

The operation of my improved implement is as follows: The handle A is grasped by the right hand, and its terminal blade B forced into the can. The handle D is then extended upon the surface of the can, in a line at right angles to the plane of the handle A, as shown in Fig. 1. The left hand is now placed upon the handle D to steady the same upon the can, the handle A brought down, and the

blade B forced up against the edge *a'* and through the metal. This operation is repeated, the handle D being gradually moved around the top of the can until it is opened to the desired extent.

This implement is simple in construction, and can be used to open all varieties of cans. By its use the severed portion of the metal is not forced into the can, thereby displacing the contents. A more firm bearing is had upon the top of the can, and the strength of the two hands is most advantageously employed, that of the one in holding the metal and blade in their proper relative positions, and that of the other in making the cut.

I am aware of the patent to A. V. M. Sprague, No. 153,391, July 21, 1874; but the device described in said patent is not my invention, and I therefore disclaim it.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The handle D, formed with the cutting-edge *a'*, in combination with the handle *a*, terminating in the knife B, formed substantially as shown, the said handle *a* turning upon the pivot C, projecting from the end of the handle D, and operating in a plane at right angles to the axis of said handle, substantially as herein described and shown.

E. M. BURCHARD.

Witnesses:

W. E. TEW,
GEO. C. WHITE.