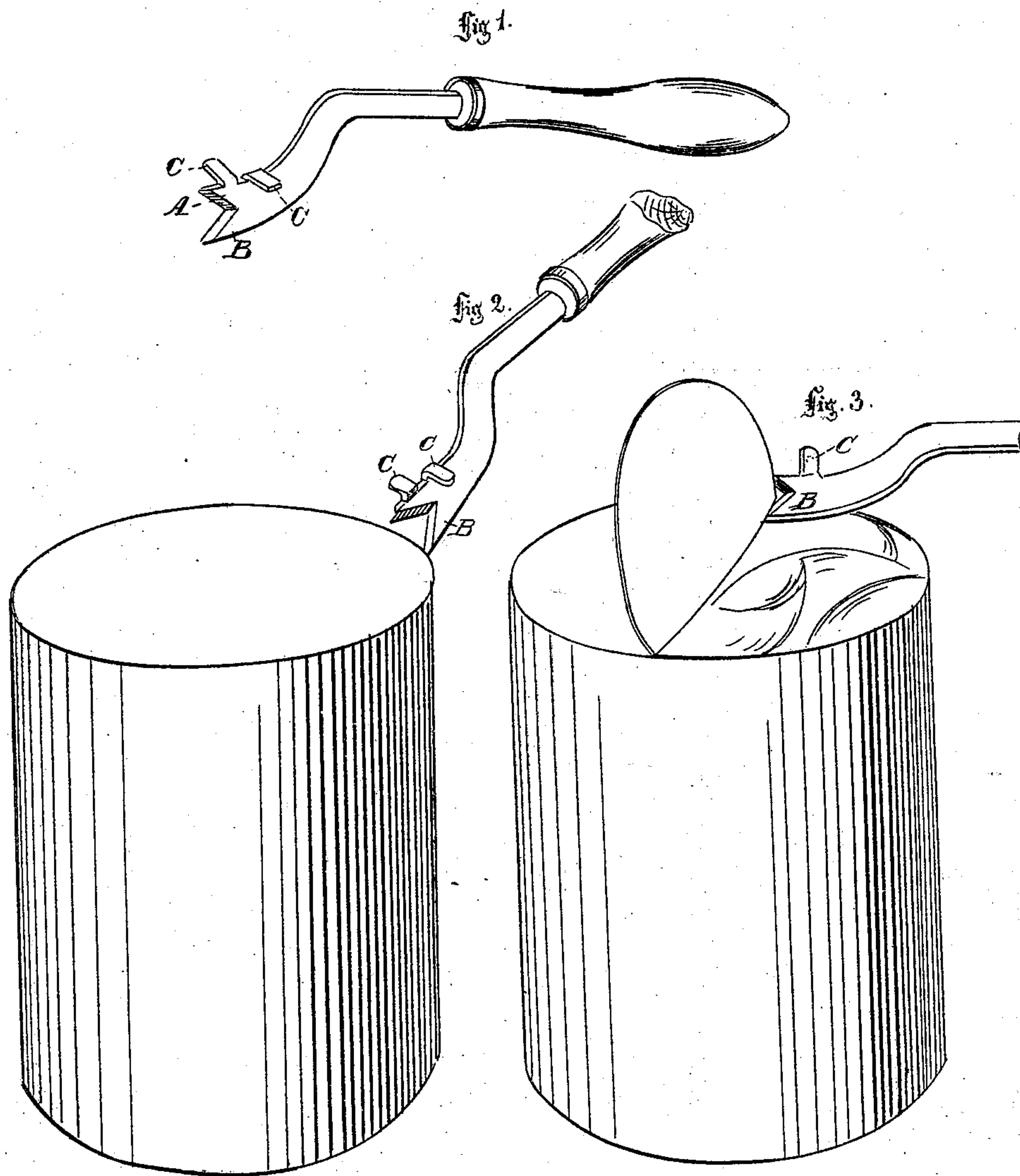


G. G. Joyce.
Can Openers.

No. 93541.

Patented Aug 10. 1869.



Witnesses:
William. Thomson
A. Howell

Inventor
George G. Joyce

United States Patent Office.

GEORGE G. JOYCE, OF BALTIMORE, MARYLAND.

Letters Patent No. 93,541, dated August 10, 1869.

IMPROVEMENT IN CAN-OPENERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, GEORGE G. JOYCE, of city and county of Baltimore, in the State of Maryland, have invented a certain new and useful Improvement in Instruments for Opening Fruit-Cans, Sardine-Boxes, or other things of a like nature; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a view of the can-opener, and

Figures 2 and 3 are views of its application to a fruit-can or sardine-box.

The object of this invention is to provide the ordinary form of can-opener with a guard or guide, which greatly facilitates its operation.

To enable others skilled in the art to make and use my invention, I will describe its construction and operation.

Figure 1, in the drawing, represents the can-opener, being constructed of tempered steel, and of the ordinary form, with two cutting-blades A and B, and to

which are attached the guides C C, on both sides, in order that they may be used by both the right or left hand.

The operation of the instrument is as follows:

The point of the cutting-blade B is inserted into the can or box to be opened, in the manner shown in fig. 2, and by turning it over to the right or left, as required, the instrument takes the position as shown in fig. 3, when the can or box may be opened without difficulty, the guides C C preventing the cutting-blades from cutting toward the centre, thus making a perfectly clean, regular cut.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

The guards or guides C C, when used in combination with the cutting-blades A B, substantially in the manner and for the purposes described.

GEORGE G. JOYCE.

Witnesses:

WILLIAM THOMSON,
A. S. HOUCK.