

No. 627,292.

Patented June 20, 1899.

C. T. BRANT.
JAR OR CAN OPENER.

(Application filed Oct. 5, 1898.)

(No Model.)

Fig. 1.

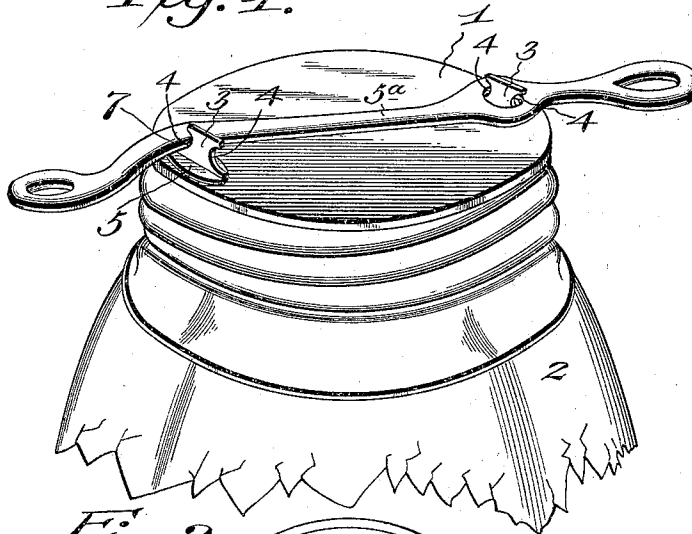


Fig. 2.

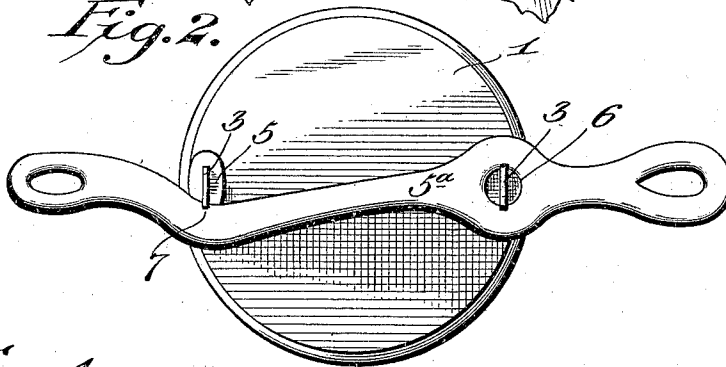
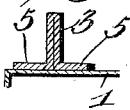
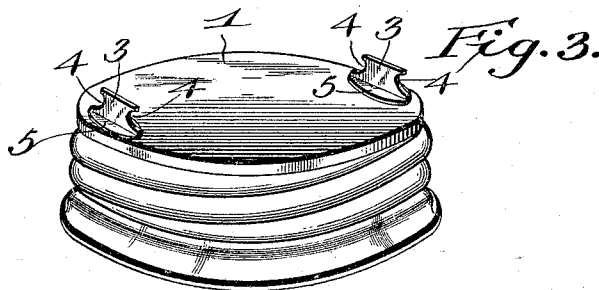


Fig. 4.



Witnesses
A. Roy Thompson
J. H. Riley

Clark T. Brant, Inventor.
By his Attorneys,

Cashnow & Co.

UNITED STATES PATENT OFFICE.

CLARK T. BRANT, OF CHARITON, IOWA.

JAR OR CAN OPENER.

SPECIFICATION forming part of Letters Patent No. 627,292, dated June 20, 1899.

Application filed October 5, 1898. Serial No. 692,704. (No model.)

To all whom it may concern:

Be it known that I, CLARK T. BRANT, a citizen of the United States, residing at Chariton, in the county of Lucas and State of Iowa, have invented a new and useful Jar or Can Opener, of which the following is a specification.

The invention relates to improvements in jar or can openers.

The object of the present invention is to improve the construction of jar or can openers and to provide a simple, inexpensive, and efficient device adapted to be readily applied to screw-caps of various receptacles and capable of enabling the same to be readily screwed on or off the receptacle.

The invention consists in the construction and novel combination and arrangement of parts, as hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a jar or can opener constructed in accordance with this invention, the lever being in engagement with the lugs or flanges of the screw-cap. Fig. 2 is a plan view of the same, the position of the lever being reversed. Fig. 3 is a detail perspective view of the screw-cap. Fig. 4 is a transverse sectional view of one of the lugs or flanges.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a screw-cap engaging a jar 2 in the usual manner and provided at opposite sides of its upper face with vertical lugs or flanges 3, arranged parallel with each other and provided at their ends with curved notches 4, adapted to be engaged by a lever 5, whereby the cap is unscrewed from the jar. Each lug or flange is preferably constructed of a single piece of sheet metal doubled to provide a thickened flange or lug and having the ends bent at a right angle to form attachment-flanges 5, which form an elliptical base, as clearly shown in Fig. 3 of the accompanying drawings; but the form of the attachment-flanges, which are soldered or otherwise secured to the cap, may be changed, as will be readily understood.

The recesses or notches 4 have rounded edges, and the edges of the lever fit the same,

and the said lever is provided near one end with an opening 6 to receive one of the lugs, and it has an offset or bend 7 near its other end for engaging one side of the other lug, the offset or bend being provided for arranging the adjacent end of the lever approximately diametrically opposite the other end of the same and to permit both ends of the lever to be opposite the center of the cap. The lever is enlarged adjacent to the opening 6, and its ends are also slightly enlarged and provided with openings. The engagement of the lever with the lugs or flanges of the screw-cap enables the latter to be readily removed and replaced. In unscrewing the cap the lever is arranged as shown in Fig. 1 of the accompanying drawings, and when it is desired to screw the cap on the jar the lever is reversed and arranged in the position shown in Fig. 2. The opening is adapted to be engaged with either of the lugs or flanges, so that the lever can be quickly applied to the cap.

The invention has the following advantages: The device for removing screw-caps from jars, cans, and other receptacles is exceedingly simple and inexpensive in construction. It possesses strength and durability, and it may be quickly engaged with a screw-cap. The lever is also adapted to be readily reversed to arrange it for screwing a cap on or off a receptacle.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What is claimed is—

1. In a device of the class described, the combination with a screw-cap provided with lugs or flanges, located at diametrically opposite points of a reversible lever provided near one end with an opening to receive and interlock with one of the lugs or flanges, and having a bend or offset near its other end for interlocking with the other lug or flange and for arranging the adjacent end of the lever substantially diametrically opposite the other end, substantially as and for the purpose described.

2. In a device of the class described, the combination with a screw-cap having oppositely-disposed lugs or flanges having recesses

or notches in their ends, of a lever provided
near one end with an opening to receive one
of the lugs or flanges and interlocking with
the recesses thereof, said lever being bent or
5 offset near its other end to engage the other
lug or flange and interlocked with one of
the recesses or notches thereof, substantially
as and for the purpose described.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in 10
the presence of two witnesses.

CLARK T. BRANT.

Witnesses:

F. R. CROCKER,
A. D. GRAY.