To all whom it may concern:

Be it known that I, Joseph Lager, a citizen of the United States, residing at Youngstown, in the county of Mahoning and State of Ohio, have invented certain new and useful improvements in Condensed-Milk Can Openers, of which the following is a specification.

This invention relates to a device for opening condensed milk cans and other cans containing any other liquid, and has for its object the production of a simple and efficient means whereby the can may be opened so as to provide an opening through which the fluid may pass and in the same operation opening a vent in the can.

Another object of this invention is the production of a device for closing the openings when the desired amount of the fluid has been poured from the can.

Another object of this invention is the production of a stopper, closing the openings in the can, thereby providing a means for protecting the fluid from foreign substances.

With these and other objects in view, this invention consists of certain novel combinations, constructions, and arrangements of parts, as will be hereinafter fully described and claimed.

In the accompanying drawing:

Figure 1 is a side elevation, the can being indicated by outline.

Fig. 2 is a vertical, sectional view of the puncturing bar.

Referring to the accompanying drawing by numerals it will be seen that the device for opening condensed milk cans and other cans containing any other liquid, comprises a clip 2. This clip may be made of any suitable material. Fastened to clip 2 are strips 3 secured by rivets 4. These strips 3 are provided with a shoulder, forming a stop and support for the entire device when the clip 2 is slipped over the top of can 1. See Fig. 1.

At the central portion of clip 2 are fastened support arms 10 by means of rivets 6. These arms 10 are spaced apart. Within the space thus provided is a yoke 5 rigidly secured to an L-shaped lever 11. The arms of the yoke 5 are provided with a plurality of oppositely disposed openings, through which passes the pivot pin 7, as well as through the outer ends of support arms 10.

It will readily be seen that the parts 5, 10, and 7 provide a pivot whereby the horizontal portion of the L-shaped lever, carrying the puncturing bar 15 may be raised and lowered. This bar 15 is rigidly fastened to lever 11 by rivet 13. The puncturing bar 15 is provided with a plate-shaped portion 14 at its center. At each end of this puncturing bar 15 are depending prongs 16.

The coi spring 8 is carried about the pivot pin 7, one end of which comes in contact with the depending portion 12 of the L-shaped lever 11. The other end of the coi spring 8 comes in contact with the clip 2.

It will readily be seen that this spring holds the lever 11 with its puncture bar 15 firmly against the can 1.

In operating this device, the clip 2 is slipped downwardly over the top of the can 1 until the inturned portions of the strips 3 rest upon the upper edge of can 1. As clearly shown in Fig. 1, the plate 14 then is directly over the center of the can 1. The prongs 16 are just within the outer edge of the top of can 1. By referring to Fig. 1, it will be seen that by a slight tap or pressure upon the plate-shaped portion 14 of the puncturing bar 15, the depending prongs 16 of the puncturing bar 15 will puncture the top of the can 1. By pressing the handle portion 12 toward the can 1, an outlet and vent will be provided by the withdrawal of the prongs 16.

By pressing inwardly upon the depending arm 12 of lever 11 the prongs 16 may be withdrawn from the holes made by them and upon releasing the depending arm 12 the prongs 16 will be forced back into the holes.

It is obvious that various modifications and changes may be made, and the right is reserved to all such as do not depart from the spirit and scope of the invention.

I claim:

1. In a can opener, the combination of a curved clip, having attached thereto at opposite sides strips projecting upwardly and provided with inturned members, a lever attached to the central portion of the clip, said lever having a puncturing bar provided with a plate-shaped portion at its center attached to the end of said lever whereby the puncturing bar is centrally located within the curved clip, substantially as set forth.

2. In a device for making openings in a can, the combination of a clip for making such openings, a stopper for closing the openings, and a vent for protecting the fluid from foreign substances, substantially as set forth.

This invention has been especially described in the present application of Letters Patent in order to satisfy the requirements of patent laws, but it is not to be limited to the features so described, as modifications from the principles of the invention may be employed by others skilled in the art without departing from the spirit and scope thereof.
can, a curved clip provided with inturned strips attached thereto at opposite sides, a lever pivotally attached to the support arms which are firmly fastened on the outside of the central portion of the clip, said lever carrying a puncturing bar provided with a depending prong at each end of said bar, and a plate portion formed at the middle of said bar.

3. In a device of the class described, a curved clip provided with inturned strips attached thereto at opposite sides, a lever attached to the outside of the clip at its central portion, a puncturing bar attached at the end of the horizontal portion of said lever, and centrally located within the clip, said puncturing bar provided with a depending prong at each end of said bar and a plate portion formed at the middle of said bar, and means for holding said puncturing bar against the top of the can when not in operation, substantially as described and for the purpose set forth.

4. A combined can opener and closure comprising a curved support to be placed around a can, tongues on said curved support engaging with the top edge of the can to limit the downward movement of the curved support, a bar pivoted to said curved support, lugs secured to the bar adjacent each end thereof to punch oppositely disposed openings in the can, and a handle secured to said bar for raising it to an inclined position to allow the contents of the can to be poured therefrom.

In testimony whereof I have affixed my signature in the presence of two witnesses.

JOSEPH LARGER.

Witnesses:

THEODORE A. JOHNSON,
MAUD LARWOOD.