Nov. 24, 1925. 1,563,272

A. FONAAS

COMBINED MILK CAN OPENER AND SEALER

Original Filed Aug. 5, 1924

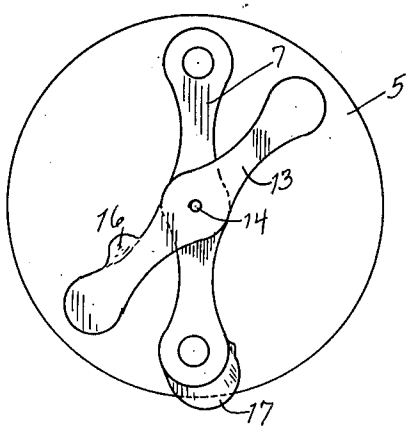


Fig. I.

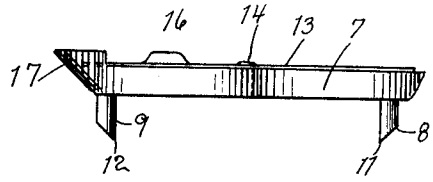


Fig. II.

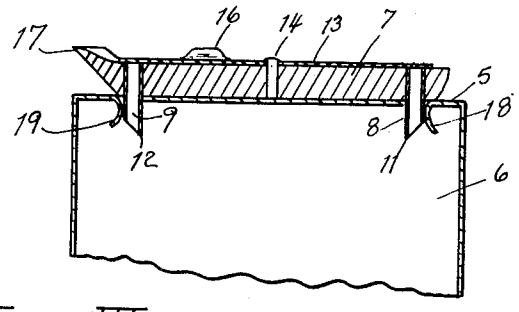


Fig. III.

INVENTOR.

ALBERT FONAAS

BY Victor J. Evans

ATTORNEY.

Patented Nov. 24, 1925. 1,563,272

UNITED STATES PATENT OFFICE.

ALBERT FONAAS, OF SCHOFIELD BARRACKS, TERRITORY OF HAWAII.

COMBINED MILK-CAN OPENER AND SEALER.

Application filed August 5, 1924, Serial No. 730,251. Renewed October 12, 1925.

To all whom it may concern:

Be it known that I, ALBERT FONAAS, a citizen of the United States, residing at Schofield Barracks, in the Territory of Hawaii, have invented new and useful Improvements in Combined Milk-Can Openers and Sealers, of which the following is a specification.

This invention relates to improvements in a combined milk can opener, sealer and dispenser.

The principal object of this invention is to provide means whereby an ordinary milk can may be opened so as to dispense the contents therefrom and later sealed so as to prevent contamination of the contents.

Another object is to provide means whereby the contents may be dispensed without coming into contact with the outside of the can.

A still further object of this invention is to produce a device of this character which is extremely simple and therefore cheap to manufacture.

Another object is to provide a puncturing medium which will also serve to retain the device upon the can.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a top plan view of a can having my device applied thereto.

Figure 2 is a side elevation of my device and

Figure 3 is a vertical cross section of my device attached to a can.

Applicant is aware of the fact that many forms of can openers have been devised for the purpose of punching holes in the top of cans, but these openers, in most instances, provided no means for sealing the can after it had been opened and further permitted the contents of the can to flow over the outside thereof which was unsanitary and also unsightly.

I have, therefore, devised means for opening the can and also dispensing the same without permitting the contents to come into contact with the outside of the can.

In the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 5 designates the top of a milk can designated as a whole by the numeral 6 of Figure 3.

At 7 I have shown a casting having tubes 8 and 9 secured therein. These tubes are preferably made of a hard metal such as steel and are pointed as shown at 11 and 12, respectively.

At 13 I have shown a cover plate pivoted at 14 to the casting 7. This cover plate is provided with an upturned finger piece 16 to facilitate the movement of the same, as will be later seen. At 17 I have shown a lip formed upon the casting 7, which lip serves the purpose of a spout and also acts as a stop for the cover plate when the same is rotated in a counter clock-wise direction, thus bringing the ends of the cover plate into such a position that they will cover the ends of the tubes 8 and 9.

In employing my device, the same is pressed upon the top of the can so that the points 11 and 12 pierce the can with a result that a portion of the top of the same is cut and bent as shown at 18 and 19. These cut portions bear against the tubes and serve to maintain the device, as a whole, upon the top of the can until the same is forcibly removed. After the device has been placed upon the can, by manipulating the finger piece 16 the cover plate 13 may be moved to the position shown in Figure 1, after which the contents of the can may be dispensed through the tube 9 from which it will flow over the lip 17. The pipe 8 will act as a vent, the purpose of which is well-known.

It will thus be seen that I have provided a very simple device, which will accomplish all of the objects above set forth.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:—

In a device of the character described, a casting, tubes secured to said casting, said

tubes having pointed ends and being capable of piercing the top of a can, a cover plate secured to said casting and adapted to overlie said tubes, means for rotating said cover plate for the purpose of exposing the ends of said tubes, said means consisting of a finger-piece formed integral with said cover plate, and a lip formed on said casting and adapted to extend beyond the outer margin of the can being operated upon and inclined upwardly so as to lie in a plane above the opening of the tubes secured thereto.

In testimony whereof I affix my signature.

ALBERT FONAAS.