

March 25, 1930.

J. LOTZ

1,752,189

JAR COVER REMOVER AND FASTENER

Filed March 28, 1929

Fig. 1.

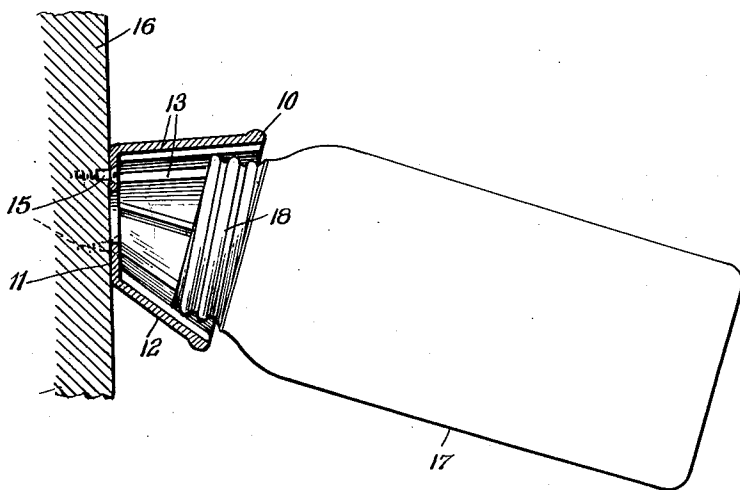


Fig. 2.

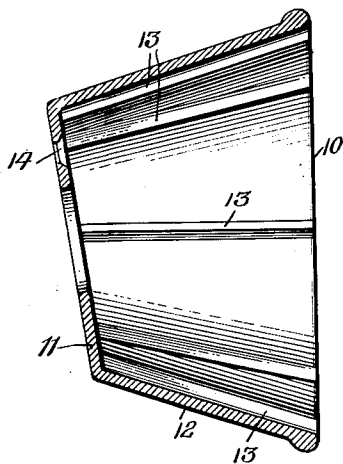
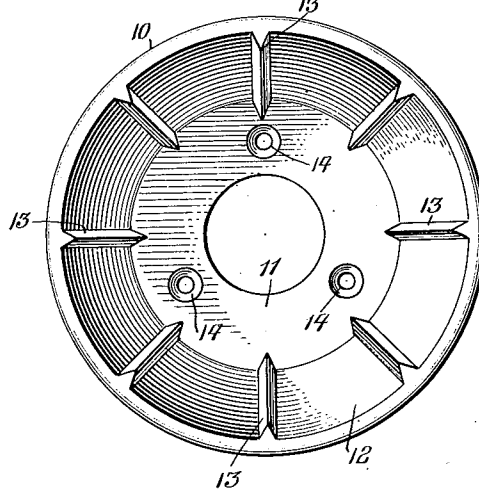


Fig. 3.



WITNESSES

James Maylor
Chris Feinke.

INVENTOR
Joseph Lotz
BY *Munnies.*

ATTORNEY

UNITED STATES PATENT OFFICE

JOSEPH LOTZ, OF EUCLID, OHIO, ASSIGNOR OF ONE-HALF TO PHILLIP BECKER, JR., OF CLEVELAND, OHIO

JAR-COVER REMOVER AND FASTENER

Application filed March 28, 1929. Serial No. 350,761.

This invention relates to a device for applying and removing covers or caps from jars and like containers.

The principal object of the invention is the provision of a device of improved construction, which may be attached to a suitable support or wall in fixed relation thereto, which is adapted to receive and effectually grip the cover or cap of a jar or like container, while the latter is being turned, for the purpose of either securely applying or screwing the cover or cap thereon, or for removing or unscrewing the same therefrom, and which enables these operations to be accomplished without spilling the jar or container contents.

The nature of the invention and its distinguishing features and advantages will appear when the following specification is read in connection with the accompanying drawing, in which—

Figure 1 is a sectional view of the device secured to a wall, and illustrating the manner in which the device is used to remove the cover of the jar.

Fig. 2 is a sectional view of the device detached to clearly illustrate certain features thereof.

Fig. 3 is a view of the device showing the interior thereof.

Referring now more particularly to the drawing, it will be apparent, that the device consists of an element 10 of metal, of cup shape, or more particularly in the form of a frustum of a cone of hollow construction. Said element 10 has a wall 11 disposed in a plane at an angle with respect to the base plane of said element, or in other words, said wall 11 is out of perpendicular to the longitudinal axis of said element. The conical wall 12 of the element has a suitable number of ridges or ribs on the inside thereof, spaced equidistantly, which are triangular in cross section, and constitutes sharp jaws 13 running the full length of said wall 12. The wall 11 has holes 14 for the accommodation of suitable fastening elements such as screws 15, for the purpose of securing the element 10 to a suitable support or wall designated 16. It will be apparent that when the element 10

is properly secured the end of a jar or like container 17 having a cover or cap 18 screwed thereon, may be inserted into the element 10, as shown in Fig. 1, that the cover or cap 18 may be pressed against the jaws 13 which will effectually grip the same, and that by turning the jar it will be possible to readily loosen the cover or cap 18 when it is desired to loosen or remove the same, or said cover or cap 18 may be readily tightened on the neck of the jar in an equally easy manner when desiring to tightly seal the jar.

It will also be apparent that by having the wall 12 disposed in the manner set forth, the element 10 will be disposed at an angle. Consequently when the jar is full, the liquid therein will be kept from spilling out of the jar in the cover or cap loosening operation.

I claim:

A container cover remover and fastener consisting of a hollow element in the form of a frustum of a cone presenting a conical wall, and an end wall disposed in a plane at an angle to the plane of the base of the cone, said conical wall having spaced jaws in the form of cross-sectionally triangular ribs, said end wall having holes for the reception of fastening elements whereby to fixedly secure said element to a suitable support, and said jaws being adapted to grip said container cover in the removing and fastening operations.

JOSEPH LOTZ.