G. BOEHMLER.

CAN CLOSURE.

APPLICATION FILED NOV. 16, 1912.

1,068,965. Patented July 29, 1913.

Fig. 1.

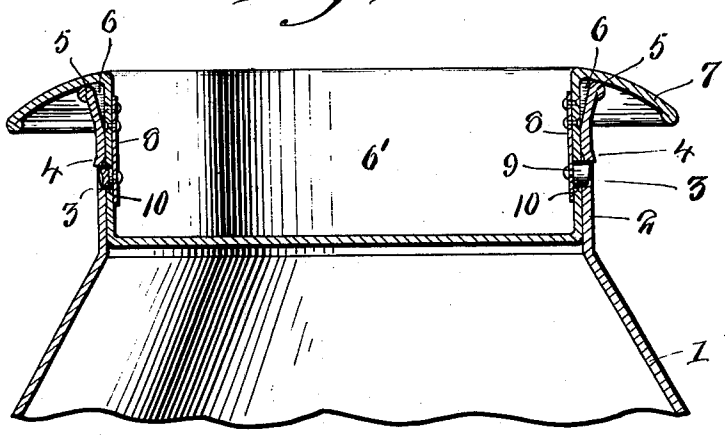


Fig. 2.

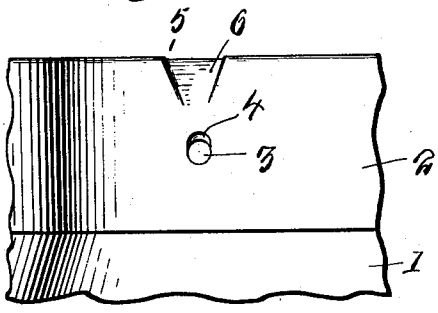


Fig. 3.

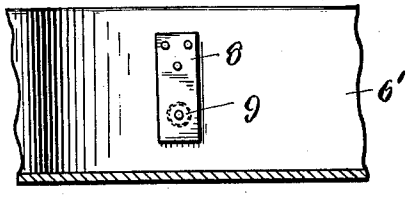
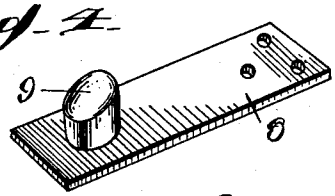


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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CAN-CLOSURE.

1,068,965. Specification of Letters Patent. Patented July 29, 1913.

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To all whom it may concern:

Be it known that I, GEORGE BOEHMLER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in Can-Closures, of which the following is a specification.

This invention relates to closures for milk cans and similar receptacles.

The principal object of the invention is to provide a cover or top for milk cans and like receptacles which will form a convenient grip for the hands so that the can may be lifted or rotated on its chime without providing additional handles and without disengaging the cover or top from the can.

Another object of the invention is the provision of simple and efficient locking means for holding the cover or top in position upon the can so that when the can is manipulated the top or cover will not become disengaged from the can.

Further objects of this invention will appear as the following specific description is read in connection with the accompanying drawing which forms a part of this application and in which:—

Figure 1 is a detail vertical sectional view through the milk can and the improved form of cover. Fig. 2 is a fragmentary elevation taken from the interior of the can. Fig. 3 is a similar view of the cover or top. Fig. 4 is a perspective view of the one spring locking member.

Referring more particularly to the drawing, 1 represents the body of an ordinary milk can which, in this instance, has the annular neck 2 projecting vertically therefrom and provided in diametrically opposite sides with apertures 3 slightly outwardly deflected as shown at 4 for a purpose to be hereinafter described. Immediately above the apertures the neck is outwardly deflected as shown at 5 to produce a groove or channel 6.

The cover comprises a cup or pan-shaped body 6′ having its upper edge provided with an outwardly and downwardly extending angular flange 7 as shown. Secured to the inner face of the pan on opposite sides thereof are springs 8 having bevel faced locking projections 9 secured adjacent the lower ends and adapted to pass through apertures 10 in the cover or top and enter the aperture 3 in the neck of the can. In applying this cover the projections 9 are engaged with the groove 6 and the cover forced downwardly which results in the depression of the projections 9 until they are in register with the apertures 3 at which time the springs 8 will force them into engagement with such apertures and lock the cover in closed position. To remove the cover the fingers are engaged with the projections 9 and pressed inwardly until said projections are carried out of the apertures 3 at which time the cover may be lifted. The outwardly deflected portions 4 are provided to make this action comparatively easy.

It will be readily seen how the thumb and fingers of the hands will naturally engage the vertical inner wall of the cover and the flange 7 when it is desired to rotate the can upon its chime, such action is not permissible with the present type of covers on account of the fact that they are completely covered over and there is no means for locking the cover within the neck.

What is claimed is:—

In combination, a can having a neck provided with diametrically opposite apertures, the upper wall of which is outwardly deflected, grooves formed in the neck immediately above the apertures, a cover comprising a cup or pan-shaped body adapted to be seated within the neck, said body having an annular flange extended outwardly and downwardly from its upper edge to overlap the neck, spring pressed locking projections secured to the inner vertical wall of the cover and projected through apertures therein to engage the apertures in the neck.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE BOEHMLER.

Witnesses:
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NORMAN J. SMITH.