E. B. BIRKENBEUEL.

CAN COVER LIFTER.

APPLICATION FILED NOV. 29, 1920.

1,383,265. **Patented June 28, 1921.**

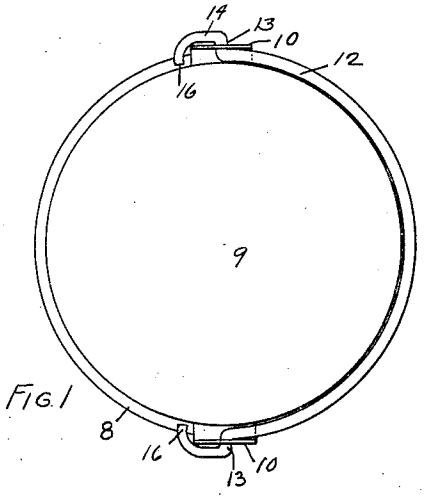


FIG. 1

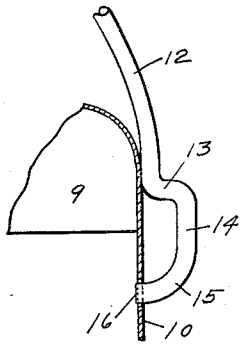


FIG. 6

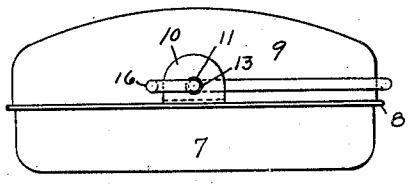


FIG. 2

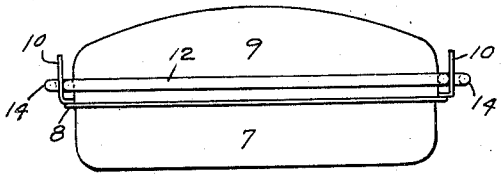


FIG 3

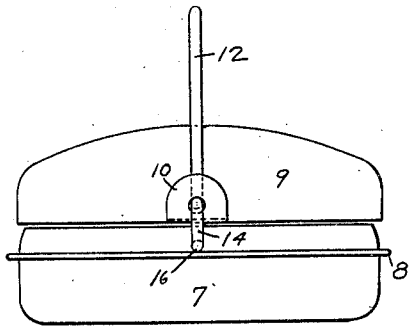


FIG. 4

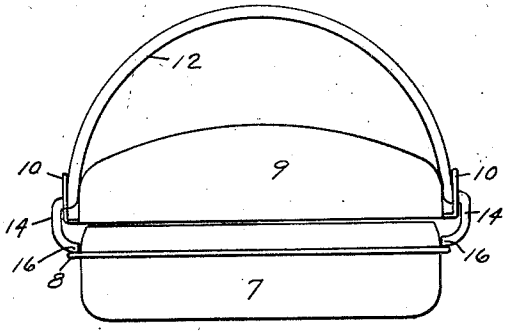


FIG. 5

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UNITED STATES PATENT OFFICE.

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CAN-COVER LIFTER.

1,383,265. Specification of Letters Patent. Patented June 28, 1921.

Application filed November 29, 1920. Serial No. 427,068.

To all whom it may concern:

Be it hereby known that I, EDWARD B. BIRKENBEUEL, a citizen of the United States, and resident of Portland, in the county of Multnomah and State of Oregon, have invented a new and useful Can-Cover Lifter, of which the following is a specification.

This invention relates more particularly to slip covers such as are used on cans for shoe paste, etc.

The object of my invention is to provide an exceedingly simple and efficient lifter for slip covers which will at once be simple to manufacture, easy to assemble and long lived.

I attain these results in the manner set forth in the specification following and illustrated in the accompanying drawing, in which:

Figure 1 is a plan of my device of which Fig. 2 is a side elevation and Fig. 3 a front elevation, all of which show the cover in place. Fig. 4 is a side elevation similar to Fig. 2 but with the cover raised. Fig. 5 is a front elevation similar to Fig. 3 but with the cover raised. Fig. 6 is an enlarged detail showing the manner of assembling the parts and the advantage of this style of construction.

Similar numbers of reference refer to the same or similar parts throughout the several views.

Referring in detail to the drawing, 7 is the usual shoe paste box or can having a shoulder 8 formed around same. The cover 9 has formed on each side of same an up-turned ear 10 having a perforation 11 formed in the vertical side of same.

I have provided the round wire bail 12 near each end of which is formed the rather square horizontal shoulder 13 which turns down into a vertical section 14 and terminates in the curved portion 15. In order to assemble the device the bail 12 is slipped over the cover as shown in Fig. 6 until the ends of the bail engage the openings 11 in the ears 10, which are then bent upwardly, as illustrated in Fig. 3.

It will be seen in Figs. 1, 2 and 3 that the bail 12 lies closely to the cover 9, but that in Figs. 4 and 5 where the bail 12 is raised to a vertical position, that the ends 16 of the curved portions 15 are engaging the shoulder 8 and have lifted the cover 9 off of its seat upon the can 7.

It will be evident that the openings 11 may be made considerably larger than the wire used in the construction of the bail 12, or may even be elongated if desired, to assist in assembling, without departing from the spirit of my invention.

An examination of this device will disclose the fact that I have entirely eliminated the use of rivets thereby greatly increasing its strength as well as reducing the cost of manufacture to a marked degree.

It will also be observed that in Figs. 4 and 5 I have illustrated the cover 9 as raised to some distance above the shoulder 8. This, however, is done merely to render the operation of the device more easily seen. In actual practice it might be preferable to raise the location of the openings 11 or shorten the distance between the ends 16 and the portion 13 of the bail 12.

It will be observed in Fig. 6 that I have illustrated the union of the portion 13 with the bail 12 as a sharp corner in order to insure the ears 10 against slipping off of the bail 12. However, it will be observed that any strain directed upwardly against the ears 10 will tend to draw them against the sides of the cover 9, and therefore against the bail 12.

I am aware that numerous devices have been patented purporting to facilitate the removal of slip covers from cans, all of which accomplish their object in different manners with varying degrees of success, and it is not my intention to claim cover lifting devices broadly, but only within the scope of the following claims.

I claim:

1. In a can cover lifter, the combination of a can having a flange below the top of its side wall, a slip cover for said can having a pair of perforated up-turned ears formed integral with said cover, and a bail member whose ends pass through said ears before they are up-turned after which they journal therein, and whose extreme ends engage the sides of said can.

2. In a slip cover can, the combination of a can member having a flanged rim formed around its side wall some distance below its upper edge and a slip cover adapted to fit snugly over the outside of said can and seat upon said flange, said cover having a pair of diametrically opposite perforated ears up-turned from its bottom edge with an opener consisting of a bail member whose ends pass downward between said cover and the ears, then journaling in said perforations and

then turning downward and inward against the side of the can when said bail is in a vertical position.

3. In combination, a dome-shaped cover having a pair of perforated integral downturned ears, and a bail having an outward directed portion near each of its ends, said ends being curved inward to enter said perforations, whereby when said ears are bent back against the cover the outward directed portions of the bail will serve as trunnions.

4. A joint for cover lifting devices consisting of the combination of a perforated ear extending from the bottom of a slip cover, a member having an offset curved portion at its end, the perforation in said ear being adapted to follow along the line of said curved portion at the end of said member when said ear is bent upward to form a bearing for one end of said offset portion, the other end of said offset curved portion extending below the edge of the cover when said member is raised.

EDWARD B. BIRKENBEUEL.