J. DISTER.

LARD CAN.

APPLICATION FILED OCT. 4, 1916.

**1,316,285.** Patented Sept. 16, 1919.

Fig. 1

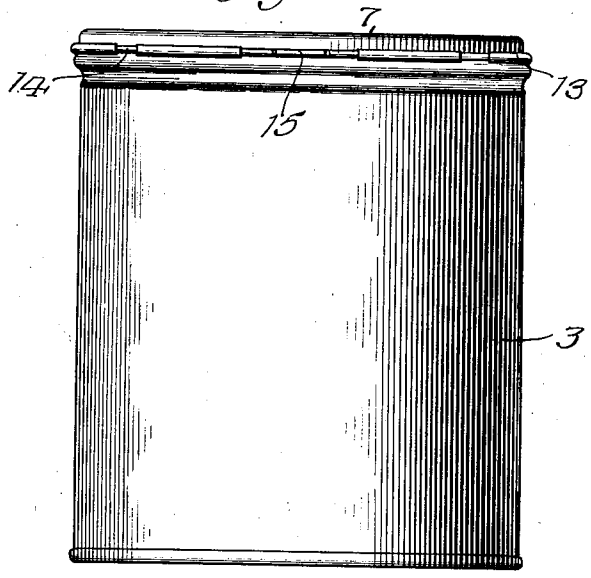



Fig. 2

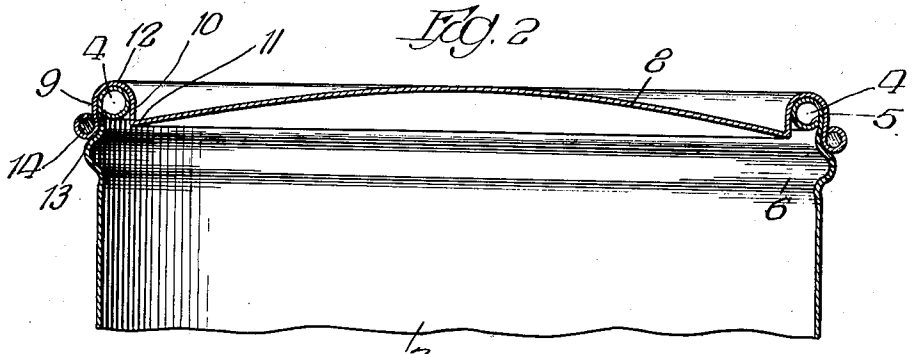
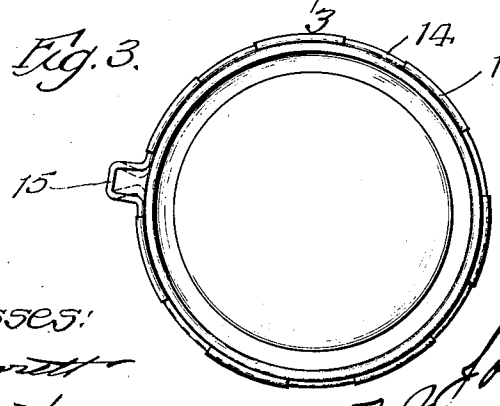



Fig. 3.




Witnesses:

J. C. Carpenter

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# UNITED STATES PATENT OFFICE.

JOSEPH DISTER, OF HAMILTON, OHIO, ASSIGNOR TO AMERICAN CAN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

## LARD-CAN.

1,316,285. Specification of Letters Patent. Patented Sept. 16, 1919.

Application filed October 4, 1916. Serial No. 123,622.

*To all whom it may concern:*

Be it known that I, JOSEPH DISTER, a citizen of the United States, residing in Hamilton, in the county of Butler and State of Ohio, have invented a new and useful Improvement in Lard-Cans, of which the following is a specification.

This invention relates in general to containers and has more particular reference to containers of the character covered by Patent No. 1,073,859 to Walden S. Laskey, granted Sept. 25, 1913.

The invention, however, has other and broader application as will be apparent as it is better understood.

A principal object of the invention is the provision of a cover for a container of the character described in said Letters Patent which will insure the formation of a perfect closure and will materially aid in preventing any deformation of the container body in locking the cover in place.

In the patent mentioned it is contemplated to provide a wire in the edge of the slip cover which may be drawn tightly about the container body after the cover is in place to prevent its inadvertent removal and also to provide a tight seal for the container; a container having the cover so locked in place is adapted to be opened by severing the wire to release the tension created about the flange of the cover.

Containers of this character are frequently used for lard and other substances of such nature that the container should be kept closed after it is first opened, these containers being large and used frequently for shipment in bulk.

A further object of this invention is the provision of a container closure of this character which will provide an effective substantially hermetic closure after the wire has been cut and for use until the package or container is empty.

A further object of the invention is the provision of a slip cover having a flange adapted to extend down about the outside of the container body and having also a plurality of friction walls engaging firmly and in metal to metal contact friction walls correspondingly arranged on the body.

Other objects and advantages of the invention will be apparent as it is better understood from the following description when considered in connection with the accompanying drawing illustrating a preferred embodiment thereof.

On the drawing,

Figure 1 is a side elevation of the container embodying my invention;

Fig. 2 is a large sectional view of the same; and

Fig. 3 is a top plan view on a somewhat reduced scale.

For the purpose of illustrating my invention I have shown on the drawing a container body 3 having depressions 6 near its upper edge and terminating in the reinforced edge 4 formed by curling over the extremity 5 of the body. The curled over edge 4 is preferably of relatively large diameter. The cover 7 is depressed near its edge and at its center 8 is somewhat domed to permit yielding about the connection 11 with the portion of the cover beyond the center. This portion extends upwardly from the depressed part 11 to form a friction wall 10 and is bent therebeyond in a curve 12 and downwardly, forming a friction wall 9. The lower edge of the wall or flange 9 is provided with a plurality of spaced lips 13 in which the locking wire 14 is held, these lips being bent up around the wire as indicated in Figs. 2 and 3.

The wire 14 has a loop 15 which may be compressed, as indicated in dotted lines, to lock the cover in place. This draws the wire tightly about the body of the container, which is of relatively yielding material.

The friction walls 9 and 10 embrace the curled edge 4 which forms friction walls in engagement with the friction walls 9 and 10 of the cover. The domed shape of the central part 8 of the cover causes these walls to press tightly upon the curled edge 4 in metal to metal contact therewith and forming a substantially hermetic closure. The upper curl 6 forms an external shoulder on the can body and when the wire is tightened an external shoulder formed by the cover at the wire engages beneath the external shoulder 6 of the can just pointed out. The wire forms a contractible band having a contractible loop and the cover and body are preferably made of thin sheet metal to be readily yieldable. The cover portions disposed

about the wire constitute curved flanges embracing it and the spacing of these flanges apart permits ready sliding of the wire in its holders when the loop is contracted. The friction wall 10 serves to reinforce the edge of the body against inward deformation when the wire is tightened to locking position and after the wire has been cut to open the package the cover forms a sufficiently tight closure to prevent contamination of the contents between the times when the cover is removed to provide access to the interior.

It is thought that the invention and many of its attendant advantages will be understood from the foregoing description, and it will be apparent that various changes may be made in the form, construction and arrangement of the parts without departing from the spirit and scope of the invention or sacrificing any of its material advantages, the form hereinbefore described being merely a preferred embodiment thereof.

I claim:

1. In a slip cover can, the combination with a sheet metal can body having an external locking shoulder, of a slip cover having a depending flange furnished with an internal locking shoulder adapted to engage the external locking shoulder on the can body and a contractible wire band provided with a loop and surrounding the flange of the slip cover and contained within a curled portion of the flange, said flange of the slip cover having a notch therein for said loop to project through, said cover having an internal frictional engagement with the top of said body, substantially as specified.

2. In a slip cover can, the combination with a sheet metal can body having an external locking shoulder, of a slip cover having a depending flange furnished with a locking shoulder adapted to engage the external locking shoulder on the can and a contractible, stiff, bendable band surrounding the flange of the slip cover, said band having an integrally formed contractible loop therein, the members of which are adapted to be pinched together to tighten the band, said can body being adapted to be contracted when the loop is pinched together and to expand and take up the slack in the band after the loop has been formed, and said cover having an internal engagement within said body to prevent undue contraction of said body.

3. In a slip cover can, the combination with a sheet metal can body having an external locking shoulder, of a slip cover having a depending flange furnished with an internal locking shoulder adapted to engage the external locking shoulder on the can body, and a contractible wire band having a contractible loop and surrounding the flange of the slip cover, said depending flange of the cover having a curled flange or portion adapted to retain the wire band in place, and said cover having a frictional engagement within said body.

4. In a slip cover can, the combination with a thin sheet metal can body, of a thin sheet metal slip cover, having a thin sheet metal depending flange embracing the upper end of said body and a contractible metal band encircling the flange of the cover, and having an integral contractible loop therein, said loop being adapted to lock and tighten the band on said body causing it to produce a tight closure therewith when the loop is pinched together, and said cover having a portion disposed within the body and in frictional engagement with its upper open end.

5. In a slip cover can, the combination with a sheet metal can body having an external locking shoulder, of a slip cover having a depending flange furnished with an internal locking shoulder adapted to engage the external locking shoulder on the can body, and a continuous and endless contractible wire band having an integral contractible loop and surrounding the flange of the slip cover, said depending flange of the cover having a curved flange adapted to retain the wire band in place, said curved flange having openings whereby the same is adapted to easily bend when the wire band is contracted, and said cover having a part disposed within the upper open end of said body and in engagement therewith.

6. In a cover sealing means for sheet metal cans, the combination with a can having an external locking shoulder near the top edge of the body portion, of a sheet metal slip cover having a depending metal flange provided with a curved portion, a contractible band formed with an integral compressible and severable loop projecting from the cover flange and so pinched that when the cover is placed on the can and the projecting loop is compressed the wire band is caused to contract whereby the cover flange is resiliently held in locking engagement with the external locking shoulder of the can and whereby when the encircling band is severed the restrained resilience of the can body and cover flange is released thereby permitting easy removal of the slip cover, and said cover having a part disposed within the upper edge of said body portion in engagement therewith.

7. In a slip cover can, the combination of a can body of a slid cover having a contractible wire about the edge of its embracing flange and being depressed near its edge to be disposed within said body when the cover is positioned, said depressed part forming an abutment to restrain contraction of the body when said wire is contracted.

8. In a slip cover can, the combination of

a body having a curled edge at its top, a slip cover having opposing substantially vertical friction walls engaging said edge on opposite sides and having a contractible band at the edge of its body embracing flange, contraction of said band serving to lock said cover in place, and said friction walls serving to reinforce the can when said wire is contracted, and to form a hermetic closure when said wire is uncontracted.

Signed in the presence of two subscribing witnesses.

JOSEPH DISTER.

Witnesses:
SAM D. FITTEN, Jr.,
MAY E. LANDIS.