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V. S. DAMMERT

2,038,545

SHEET METAL CAN

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Fig. 1.

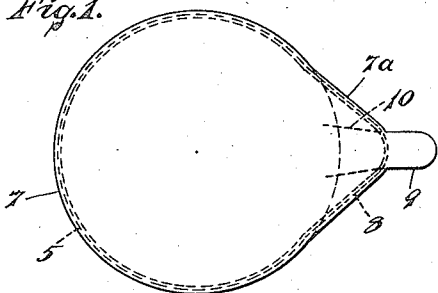


Fig. 4.

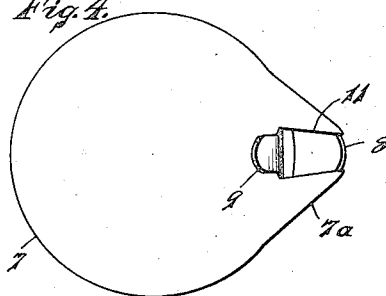


Fig. 2.

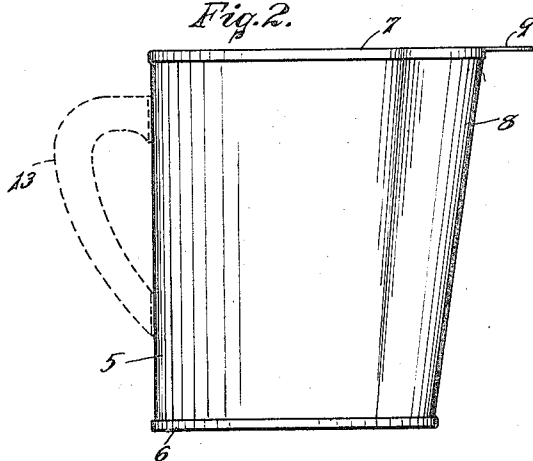


Fig. 5.

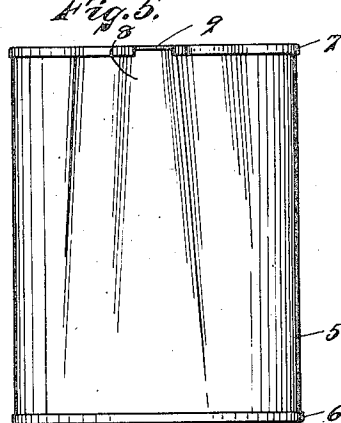


Fig. 3.

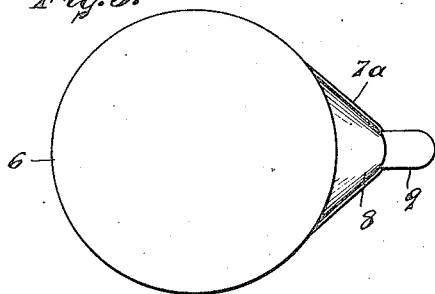


Fig. 6.

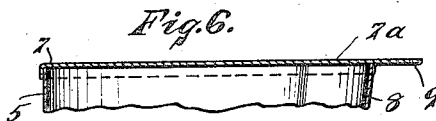


Fig. 7.

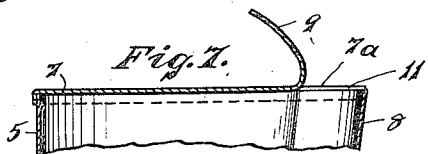
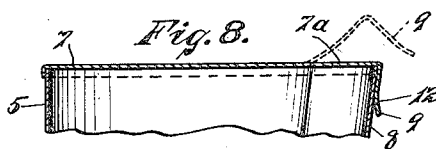


Fig. 8.



Inventor

VERONICA S. DAMMERT.

Louis V. Lucia

By

Attorneys

UNITED STATES PATENT OFFICE

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SHEET METAL CAN

Veronica S. Dammert, Hartford, Conn.

Application October 3, 1934, Serial No. 746,672

3 Claims. (Cl. 221—11)

This invention relates to sheet metal cans and has for its object, to provide a spout which is formed from the body portion of said can in order to facilitate the pouring out of the contents thereof.

Further objects of this invention are; to provide a can from which the contents may be poured without the customary dripping and running down of the contents along the side of the can; to provide a can which may be easily opened and which, when opened, is provided with an opening of the proper size and form which will co-operate with said spout to facilitate the pouring of said contents; to provide means whereby the said opening may be readily closed and opened at will by the use of a portion of the cover of said can.

In the accompanying drawing:—

Figure 1 is a plan view of the can embodying my invention.

Figure 2 is a side view thereof.

Figure 3 is a bottom view.

Figure 4 is a plan view showing the can after it has been opened.

Figure 5 is a front view of the can as shown in Figure 2.

Figure 6 is a view of the top portion of the can in central vertical section.

Figure 7 is a similar view showing the cover in its opened position.

Figure 8 is a similar view showing the cover after it has been returned to its closed position.

As illustrated in the drawing, the numeral 5 denotes a can which is commonly constructed of sheet metal having a bottom 6 and a cover 7.

My invention consists in forming the said can to provide a spout 8, formed from the body of the can, and integral therewith; the said spout extending at the top of the can beyond the periphery of said base. The cover 7 is formed substantially round, but has an extension 7a beyond the periphery thereof which overlies the top of the spout portion. A tab 9 is provided, on the said extension 7a, which extends beyond the tip of the said spout. Score marks 10 are formed in the said portion of the cover in line with the said tab. These score marks are intended to define the shape of the opening when the tab is pulled upwardly to the position shown in Figure 7 of the drawing.

The cover 7 may be attached by soldering the same to the upper edge of the body of the can in a manner which will properly seal the can. When the tab is lifted, the solder securing same will be separated, permitting the tab to be pulled in a direction away from the front of the spout thus ripping the cover along the score marks 10 and forming an opening 11 which will directly overlie the spout portion of the can.

It will be readily seen that the contents of the

can may be easily poured out from said opening and confined in a narrow stream by the spout which is in line with the opening. When it is desired to close said opening, the tab 9 may be merely forced back to its original position and the end thereof bent downwardly against the front of the spout as clearly illustrated at 12 in Figure 8 of the drawing. The inclined surface of the front of the spout will act as a retainer to prevent upward movement of the said tab which would otherwise be caused by the tension in the metal.

If desired, a handle 13 may be attached as indicated in Figure 2 of the drawing.

It will be readily seen that by means of my invention, I have provided; a can from which the contents may be conveniently poured without dripping or soiling the outside thereof; a can in which an opening of proper shape may be easily formed directly over the top of a spout; and that I have also provided means whereby the opening in said can can be easily closed after it has been initially opened.

I claim:

1. A can having a bottom, a body portion, a cover, a spout portion formed from said body portion and integral therewith, an extension on said cover adapted to overlie said spout, a tab projecting from said extension, means to assist in the formation of an opening above said spout by a lifting operation on said tab, said tab providing means for closing said opening after the formation thereof and means comprising the outer surface of said spout for retaining said tab in its closing position.

2. A can having a bottom, a body portion, a spout portion extending outwardly therefrom, a cover overlying said body portion, an extension on said cover overlying said spout, a tab on said extension projecting beyond the edge of said spout, and score marks on said extension forming a prolongation of the said tab thereon whereby a predetermined opening is made in said extension by a lifting action on said tab.

3. A can comprising a bottom, a body portion having a spout extending outwardly therefrom, a cover overlying said body portion, an extension on said cover overlying said spout, a skirt substantially surrounding said cover and depending therefrom whereby said cover may be secured to the edge of the body portion of said can by a solder band that portion of said skirt at the tip of said extension being cut away to form a tab projecting outwardly from said extension and to weaken said solder bond at the point between said tab and the tip of said spout, and means on said extension forming a prolongation of said tab extending inwardly from said tip.

VERONICA S. DAMMERT.