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CARTON FOR ATTACHMENT TO A CONTAINER

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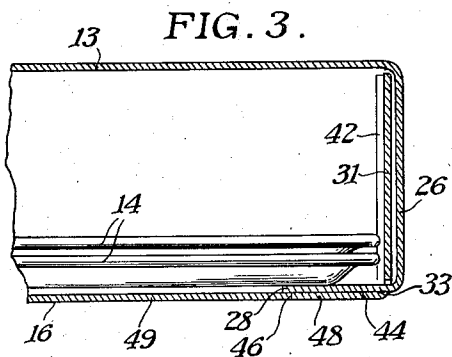
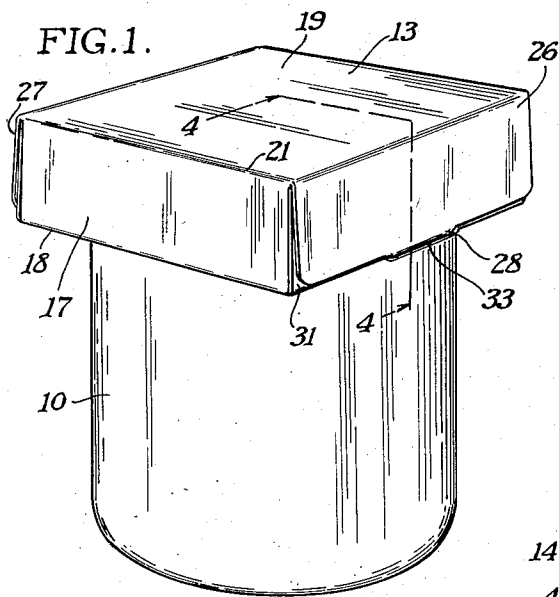


FIG. 4.

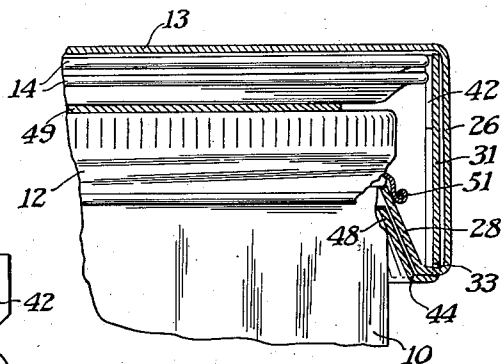
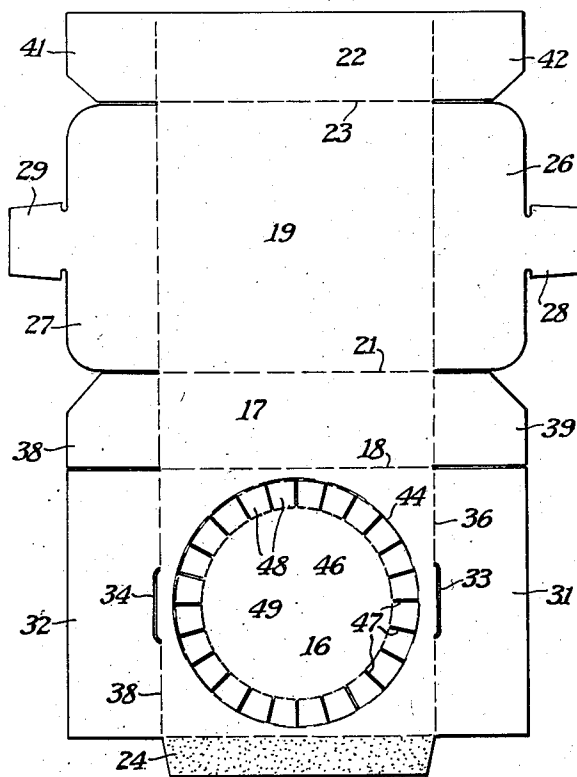


FIG. 2.



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CARTON FOR ATTACHMENT TO A CONTAINER

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5 Claims. (Cl. 206—47)

This invention relates to a carton that can be attached to a container.

In the retail trade it is often desirable to have two containers attached together for ease in handling. For example, when a premium is supplied or delivered with a food container, it is desirable to have the premium carton or container firmly attached to the food container.

An object of this invention is to provide a convenient and inexpensive arrangement for attaching a premium container to a food container.

A further object of this invention is to provide a package arrangement for attaching a carton having a premium flatwise to a cylindrical container of the type provided with a screw-on cap or other type of flanged closure.

When premium containers of this type are attached to food containers, a substantial problem arises from pilfering of the premiums, particularly by juveniles who may open the premium container to remove the premium from the container while it is attached to the food package.

A further object of this invention is to provide a carton which can easily and permanently be attached to a flanged container without the use of special equipment.

A further object of this invention is to provide a package arrangement of this type in which the premium container cannot be opened to remove the premium without tearing the premium container.

The above and other objects and features of this invention will be apparent to those skilled in the art to which this invention pertains, from the following detailed description, and the drawing, in which:

Figure 1 is a perspective view showing a food container or jar to which is attached a premium container constructed in accordance with an embodiment of this invention;

Fig. 2 is a plan view of a blank from which the premium container is formed;

Fig. 3 is a fragmentary view in transverse section of the premium container before mounting on the jar, a premium being shown inside of the premium container; and

Fig. 4 is a fragmentary view in transverse section taken on the line 4—4 in Fig. 1 showing the premium container and premium mounted on the jar.

In the following detailed description, and the drawing, like reference characters indicate like parts.

In Figs. 1 and 4 is illustrated a jar 10 which may be formed of glass and may be of the type used to contain peanut butter, mayonnaise, or the like. The jar 10 is provided with a metal cap or lid 12 which screws into place on top of the jar in the usual manner. On top of the jar is mounted a premium container 13 in which premium articles 14 are packaged. The premium articles are shown as plate-like coasters of the type used to place under drinking glasses.

The blank from which the premium container 13 is formed is illustrated in Fig. 2. The blank includes a rectangular main panel 16, a side wall panel 17 hinged thereto at a hinge line 18, and a second main or back

panel 19 hinged to the side panel 17 at a hinge line 21. The second main panel 19 is rectangular and of substantially the same size and shape as the main panel 16. A second side wall panel 22 is hinged to the second main panel 19 at a hinge line 23. A tab 24, which is hinged to the main panel 16, may be attached to the side wall 22 by adhesive to form a container which is of generally rectangular shape in section when formed.

At the ends of the second main panel 19 are hinged end panels 26 and 27. The end panels 26 and 27 carry tabs 28 and 29, respectively. At opposite ends of the main panel 16 are hinged inner end panels 31 and 32. As shown in Fig. 3, the panels 31 and 32 fold inside of the end panels 26 and 27, respectively, and the tabs 28 and 29 extend through slots 33 and 34, respectively. As shown in Fig. 2, the slots 33 and 34 are substantially at hinge lines 36 and 38, respectively, which connect the end panels 31 and 32 with the main panel 16 and the tabs extend inwardly in flatwise relation with the main panel 16. Corner tabs 38, 39, 41, and 42 are hinged at the ends of the side wall panels 17 and 22 and fold inside the end wall panels.

As shown in Fig. 2, the main panel 16 is provided with a substantially circular score line or line of weakening 44 which is of a diameter sufficiently large to pass the cap and may be of a diameter somewhat greater than that of the cap of the jar, or container. Inside of and extending substantially coaxially with the line of weakening 44 is provided a substantially circular line of spaced short slits or perforations 46 which is of a diameter somewhat less than that of the cap of the jar. Substantially radial slits 47 extend between the line of weakening and the line of perforations to form a plurality of teeth 48 which are linked together by a central portion of the main panel 16.

The blank for the container or carton 13 is loaded with an appropriate number of premiums and the side walls are folded into place with the tabs 28 and 29 extending inwardly through the slots 33 and 34, respectively. As shown most clearly in Fig. 3, the tabs 28 and 29 (only one of which is shown in Fig. 3) overlie some of the teeth 48 when the premium carton is loaded.

When the premium container is to be mounted on a jar, the premium container is placed over the jar with the axis of the lid aligned with the axis of the circular lines of weakening and of perforations and the premium container is pushed against the cap of the jar so that a disc 49 separates from the center of the main panel of the container to rest upon the top of the lid of the jar. The teeth 47 and tabs 28 and 29 lodge beneath a downwardly and outwardly extending rim or flange 51 of the cap of the jar, as shown in Fig. 4. As shown, the rim of the cap of the jar may extend outwardly beyond the outer edge of the jar so that the edges of the tabs 28 and 29 can seat firmly beneath the rim of the jar and between the rim 51 and the wall of the jar. In a like manner, the teeth 47 seat beneath the rim of the jar and slope upwardly and inwardly from the line of weakening 44 to beneath the edge of the lid, so that, if the premium container is pulled upwardly, the teeth engage and grip the cap of the jar to prevent removal of the premium container without tearing thereof. Since the edges of tabs 28 seat beneath the rim 51 and the tab 28 slopes upwardly and inwardly from the slot 33, it is impossible to open the end panel 26 without tearing the premium container. The tab 29 similarly seats beneath the rim of the jar so that neither end of the premium container can be opened without tearing of the premium container.

As shown in Fig. 4, the end walls of the premium container are of such a length that the second main or back panel firmly engages the premium article 14, and the

teeth and tabs are held in position for engagement with the flange or rim of the cap of the jar.

The container construction illustrated in the drawing and described above is subject to structural modification without departing from the spirit and scope of the appended claims.

Having described our invention, what we claim as new, and desire to secure by Letters Patent is:

1. A carton for attaching to a cylindrical container having a flanged closure which comprises a main panel, there being a substantially circular line of weakening in said main panel of a diameter sufficiently great to pass the flange of the closure, a substantially circular line of perforations substantially coaxial with the line of weakening and spaced therein, the diameter of the line of perforations being less than the diameter of the closure, and a plurality of substantially radial cuts connecting the lines of weakening with the line of perforations to define a plurality of radially inwardly extending teeth, a back panel spaced from the main panel, side wall panels connecting side edges of the main and back panels, an end panel hinged to one end of the back panel, a second end panel hinged to one end of the main panel and foldable inside of the first mentioned end panel, there being a slot between the main panel and the second mentioned end panel at the hinge line, and a tab hinged to the first mentioned end panel for extending through the slot inside of and substantially flatwise against the main panel, the tab overlying at least one of the teeth.

2. A carton for attaching to a cylindrical container having a flanged closure which comprises a main panel, there being a substantially circular line of weakening in said main panel of a diameter sufficiently great to pass the flange of the closure, a substantially circular line of perforations substantially coaxial with the line of weakening and spaced therein, the diameter of the line of perforations being less than the diameter of the closure, and a plurality of substantially radial cuts connecting the line of weakening with the line of perforations to define a plurality of radially inwardly extending teeth, a back panel substantially coextensive with the main panel, side wall panels connecting side edges of the main and back panels, a pair of end panels, one of said end panels being hinged to each end of the back panel, a second pair of end panels, one of the end panels of said second pair being hinged to each end of the main panel and foldable inside of one of the panels of the first mentioned pair, there being a slot between the main panel and each of the end panels of the second pair at the hinge line, and a tab hinged to each of the end panels of the second pair and extending through one of the slots inside of and substantially flatwise against the main panel, each of the tabs overlying at least one of the teeth.

3. The combination of a cylindrical jar, a cap for said jar having a downwardly extending flange spaced from the wall of the jar, and a carton which comprises a main panel, there being a substantially circular line of weaken-

ing in said main panel of a diameter sufficiently great to pass the flange of the cap, a plurality of upwardly and inwardly extending teeth integral with the main panel at the line of weakening, ends of the teeth being received between the flange of the cap and the wall of the jar, a back panel spaced from the main panel, side wall panels connecting side edges of the main and back panels, an end panel hinged to one end of the back panel, a second end panel hinged to one end of the main panel and extending inside of the first mentioned end panel, there being a slot between the main panel and the second mentioned end panel at the hinge line, and a tab hinged to the first mentioned end panel and extending through the slot and upwardly and inwardly therefrom, the end of the tab being received between the flange of the cap and the wall of the jar to lock the tab in place.

4. The combination of a cylindrical jar, a cap for said jar having a downwardly extending flange spaced from the wall of the jar, and a carton which comprises a main panel, there being a substantially circular line of weakening in said main panel of a diameter sufficiently great to pass the flange of the cap, a plurality of upwardly and inwardly extending teeth integral with the main panel at the line of weakening, ends of the teeth being received between the flange of the cap and the wall of the jar, a back panel spaced from and substantially coextensive with the main panel, side wall panels connecting side edges of the main and back panels, an end panel hinged to one end of the back panel, a second end panel hinged to one end of the main panel and extending inside of the first mentioned end panel, there being a slot between the main panel and the second mentioned end panel at the hinge line, a tab hinged to the first mentioned end panel and extending through the slot and upwardly and inwardly therefrom, the end of the tab being received between the flange of the cap and the wall of the jar, and an article in the carton between the cap of the jar and the back panel to hold and lock the tabs and teeth in place.

5. The combination of a cylindrical jar, a cap for said jar having a downwardly extending flange spaced from the wall of the jar, and a carton which comprises a main panel, there being a substantially circular line of weakening in said main panel of a diameter sufficiently great to pass the flange of the cap, a plurality of upwardly and inwardly extending teeth integral with the main panel at the line of weakening, ends of the teeth being received between the flange of the cap and the wall of the jar, a back panel spaced from the main panel, side wall panels connecting side edges of the main and back panels, and end panels closing the ends of the carton.

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