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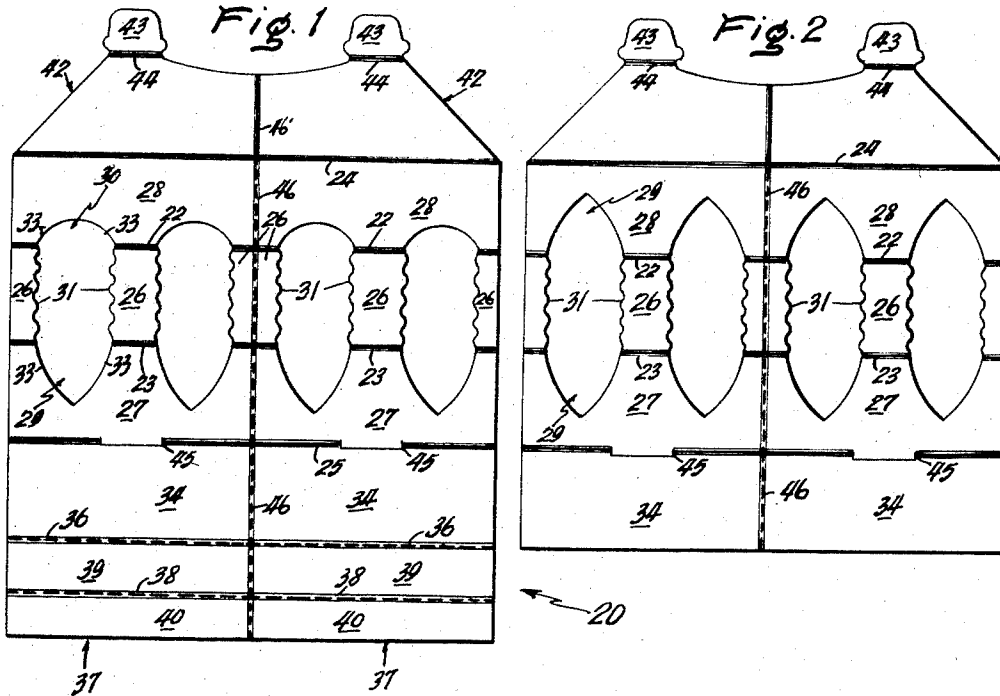
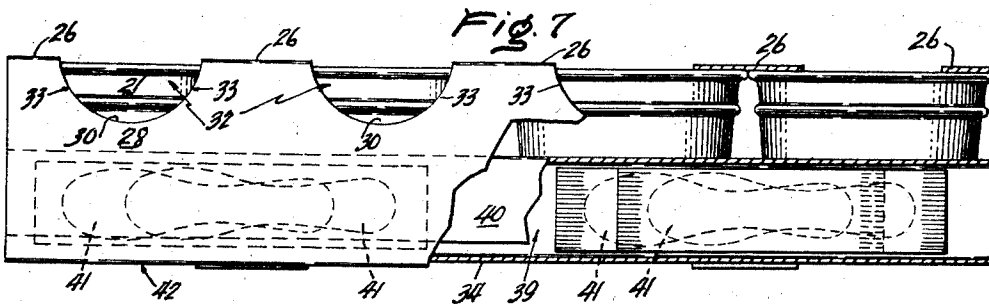
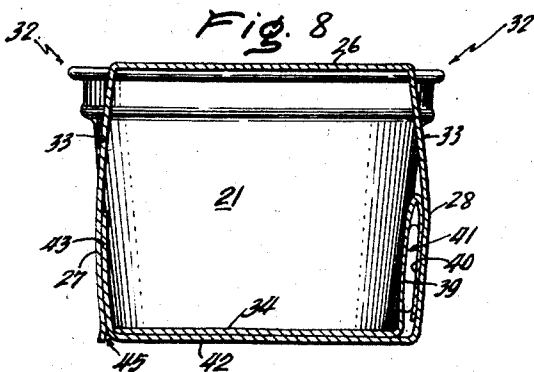
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COMMODITY WRAPPER AND PACKAGE

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2 Sheets-Sheet 1



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## COMMODITY WRAPPER AND PACKAGE

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This invention relates to folding, wrap-around, sleeve-containers, and commodity packages wrapped therein, the same being made from a single die-cut blank of paper board material with parallel fold lines, having particular reference to such a sleeve provided with a novel arrangement of side wall openings to embrace segments of the larger diameter portions of truncated, conical cups, and the provision of such a sleeve wrapper and commodity package is the principal object of the invention.

Generally, it is an object of the invention to provide such a wrapper in container form that is extremely economical in its paper saving characteristics, and which is easy to wrap and unwrap.

More specifically, it is an object of the invention to provide a single, die-cut and scored blank of paper board material, to provide a wrapped commodity package, which comprises a folding, wrap-around, sleeve-container for holding truncated, conical cups aligned therein, the blank including a top wall defined by top parallel fold lines of a width equal to the smaller diameter of the cups, but appreciably smaller than the top diameter thereof, lateral side walls extending from the fold lines a distance equal to the height or depth of the cups, and terminating at bottom parallel fold lines, the side walls having cut-out portions between the fold lines to provide openings large enough for opposite curved segments of the larger diameter portions of the cups to project therethrough, and to be embraced by adjacent side wall portions to strap the cups in position, a bottom panel extending from one of the bottom parallel fold lines, and a bottom closure flap extending from the other of the parallel fold lines to underlie the bottom panel to secure the sleeve and cups in fixed position.

Another specific object of the invention is to provide the bottom panel of such a wrapper with a spoon holding means, preferably in the form of a clamp comprising an extension panel thereon, defined by a score line, foldable upon itself.

Another specific object of the invention is to provide such a wrapper with a line of weakness, such as a transverse line of perforation between pairs of the cut-out portions in order that the blank, when wrapped and secured around a plurality of such aligned cups to provide a package, can be torn along such line and separated into individual units.

Other objects of the invention will in part be obvious and will in part appear hereinafter.

The invention accordingly comprises an article of manufacture possessing the features, properties, and the relation of elements which will be exemplified in the article hereinafter described and the scope of the application of which will be indicated in the claims.

For a fuller understanding of the nature and objects of the invention reference should be had to the following

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detailed description taken in connection with the accompanying drawings, in which:

Fig. 1 is a plan view of a die-cut and scored blank embodying the invention with spoon holding means connected thereto;

Fig. 2 is a plan view of a similar blank without the spoon holding means connected thereto;

Fig. 3 is a perspective view of the blank of Fig. 1 illustrating the same partially wrapped around a plurality of aligned frusto-conical cups placed therein in an upside-down or inverted position for the purpose of wrapping the same in package form;

Fig. 4 is a perspective view showing the wrapper locked in position;

Fig. 5 is a perspective view showing the completed package in upright position;

Fig. 6 is a plan view of a unit separated along its line of perforations, but hinged together along its bottom, and folded in back-to-back position;

Fig. 7 is a side elevational view of Fig. 5, somewhat enlarged, with parts of the side wall of the wrapper broken away, and partly in section, for illustrative purposes;

Fig. 8 is a transverse sectional view taken along the lines 8—8 of Fig. 5, and looking in the direction of the arrows.

Referring more particularly to the drawings, there is indicated generally at 20 in Fig. 1 a preferred form of single, die-cut blank of paper board material which comprises a folding, wrap-around, sleeve-container for holding truncated, conical cups 21 aligned therein. Such cups are conventionally used, for example, for ice-cream commodities and take this shape for various reasons, such as, nesting purposes for ease in shipping and handling, as well as to make it more easy to spoon the contents therefrom.

The blank of Fig. 1 is provided by transverse parallel score or fold lines 22, 23, 24 and 25. These lines provide a top wall 26 defined by the top parallel fold lines 22 and 23, and this top wall is of a width equal to the smaller diameter of the truncated, conical cups 21, but substantially smaller than the larger diameter of such cups.

Lateral side walls 27 and 28 extend from the top fold lines 22 and 23 a distance equal to the height of the cups 21 and terminate at bottom parallel fold lines 24 and 25.

The side walls 27 and 28 have cut-out portions indicated generally at 29 and 30. These cut-out portions may extend across the top walls 26 as shown by the cut scalloped edges 31. However, the cut-out need not necessarily extend across the top wall as shown in other views of the drawing, but must begin at least along the parallel fold lines 22 and 23 in this modification and extend toward, but short of, the bottom parallel fold lines 24 and 25. They may also be of different configuration. In any event, these cut-out portions must each be of an area to provide openings sufficient for opposite curved segments of the larger diameter portions of the truncated, conical cups to penetrate the same as indicated, for example, generally at 32 in Fig. 8, so that they are embraced by adjacent portions of the side walls 33 in order to strap the cups in position as will more fully appear hereinafter.

Extending from the parallel fold line 25 is a bottom panel 34 which terminates at the fold line 36. This bottom panel in turn is provided with an extension panel indicated at 37. This extension panel is provided with a score line 38 so that the extension panel may be folded upon itself to provide sections 39 and 40, whereby to provide a spoon holding clamp for wooden spoons as shown at 41 in Fig. 8 and in dotted line position in Fig. 7.

Extending from the bottom parallel fold line 24 is a bottom closure flap indicated at 42 provided with locking tabs 43 defined by score lines 44 which are adapted to fit into locking slits 45 along the opposite bottom parallel fold line 25.

Preferably, the blank 20 is also provided with a transverse line of perforations 46 between pairs of cut-out portions 29 and 30, whereby the blank, when wrapped and secured around the cups to provide a package, can be torn along such line and separated into individual units as hereinafter described. However, if broken or separated along the perforations, it may be hinged around the score line 46', extending across the closure flap 42, and folded in bottom-to-bottom position as shown in Fig. 6.

The blank shown in Fig. 2 is, in substantially all respects, similar to that described in Fig. 1 with the exception, however, that the spoon holding panels, or clamp, has been omitted, and that the configuration of the cut-out portions in the side walls 27 and 28 are identical, that is, similar to that indicated at 29 in Fig. 1.

Attention is now directed to Figs. 3 through 6, wherein the wrapping of such frustro-conical cups by means of such a blank in sleeve-container form is illustrated. The cups are placed along the top wall 26 in upside-down or inverted position, that is, with the larger diameter overlying the top wall 26 and cut-out portions 29 and 30. The side wall 27 is then folded upwardly along the fold line 23, the bottom wall 34 folded along the fold line 25 and downwardly against the base of the cups of smaller diameter, whereupon the extension panel 37 is folded along the fold line 38, and paper wrapped spoons 41 placed between the clamping panels 39 and 40. The opposite side wall 28 is folded along the fold line 22 against the spoon holding clamping panel 37, and the closure flap 42 is folded along the fold line 24 and turned downwardly against the bottom closure panel 34, whereupon the locking tabs 43, hingedly attached at the score lines 44 are locked into the slits 45 along the fold line 25 to complete the assembly operation as shown in Fig. 4 where the wrapped package appears in upside-down position.

Where such wrapped commodity packages contain, for example, a refrigerated product, such as, ice-cream, they can be neatly stored in freezer compartments. If a customer desires to purchase one or more units, and further desires that such units be decreased in size to provide pairs of two of such cups, a package such as that shown in Fig. 5 may readily be torn or broken in half along the line of perforations 46 to provide a unit such as that shown in Fig. 6 to be placed in conventional refrigerator bags made for this size package for "take-home" purposes.

It will thus be seen that the objects hereinbefore set forth may readily and efficiently be attained, and since certain changes may be made in the above article and different embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawings shall be interpreted as illustrative and not in a limiting sense.

It is also to be understood that the following claims are intended to cover all of the generic and specific features of the invention herein described, and all statements of the scope of the invention which, as a matter of language, might be said to fall therebetween.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. A commodity package of the character described comprising a single die-cut blank of paper-board material, scored to provide parallel fold lines defining top and side walls, and a double bottom wall of inner and outer panels, with a transverse intermediate hinge line on said outer panel, and a line of perforations, extending co-axially of said hinge line bisecting said fold lines, which blank is folded along said fold lines as a tubular

sleeve container for a single row of aligned commodity filled truncated conical cups, parted along said line of perforations and folded around said hinge line in bottom-to-bottom relation; a plurality of said cups nested in each portion of said sleeve; said container including a planular top wall, defined by top parallel fold lines, of a width equal to the smaller diameter of the cups, and substantially smaller than the larger diameter thereof; side walls extending from said top fold lines a distance equal to the height of said cups and terminating at bottom parallel fold lines defining the bottom wall of said container; said side walls having cut-out portions adjacent the top wall only, which cut-outs extend across said top wall to provide a plurality of transverse cup holding straps against adjacent peripheral cup segments to expose the central top portions of the cups while the remaining curved segments of the top portions of said cups penetrate said side wall cut-outs, whereby said cups are each embraced by said straps, bottom wall and on opposite sides by opposite side walls; said bottom wall comprising a first bottom panel extending from one of said bottom parallel fold lines of a side wall to a fold line defining the bottom of said opposite side wall, which bottom panel terminates in an over-folded spoon holding panel-clamp wedged between said cups and adjacent side wall, and a second bottom panel extending from said last named side wall underlying said first bottom panel in face-to-face relation; and means for holding said blank in tubular sleeve formation after the same has been wrapped around said single alignment of cups, as well as when said sleeve has been separated along said perforations and folded around said hinge line in bottom abutting relation, said means including two spaced apart slits along the fold line at the juncture of said first bottom panel and its connected side wall, and said second bottom panel terminating in interlocking tabs penetrating said slits.

2. A commodity package of the character described comprising a single die-cut blank of paper-board material, scored to provide parallel fold lines, which blank is folded along said fold lines as a tubular sleeve container for a single row of aligned commodity filled truncated conical cups; a plurality of said cups nested in aligned relation in said sleeve; said container including a planular top wall, defined by top parallel fold lines, of a width equal to the smaller diameter of the cups, and substantially smaller than the larger diameter thereof; side walls extending from said top fold lines a distance equal to the height of said cups and terminating at bottom parallel fold lines defining the bottom wall of said container; said side walls having cut-out portions adjacent the top wall only, which cut-outs extend across said top wall to provide a plurality of transverse cup holding straps against adjacent peripheral cup segments to expose the central top portions of the cups while the remaining curved segments of the top portions of said cups penetrate said side wall cut-outs, whereby said cups are each embraced by said straps, bottom wall and on opposite sides by opposite side walls; said bottom wall comprising a first bottom panel extending from one of said bottom parallel fold lines of a side wall to a fold line defining the bottom of said opposite side wall, which bottom panel terminates in an over-folded spoon holding panel-clamp wedged between said cups and adjacent side wall, and a second bottom panel extending from said last named side wall underlying said first bottom panel in face-to-face relation; and means for holding said blank in tubular sleeve formation after the same has been wrapped around said single alignment of cups, said means including two spaced apart slits along the fold line at the juncture of said first bottom panel and its connected side wall, and said second bottom panel terminating in interlocking tabs penetrating said slits.

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