June 10, 1941. R. P. BEMISS 2,245,064

CONTAINER

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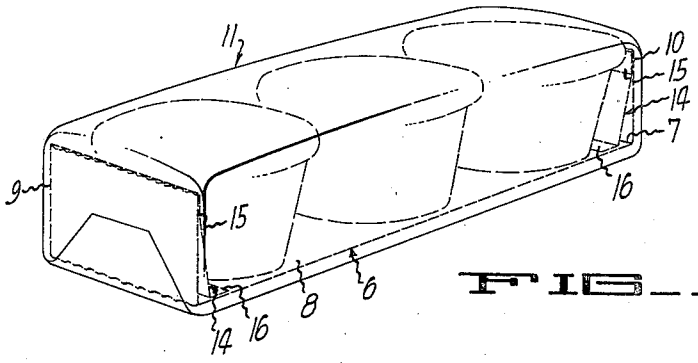


FIG. 1

FIG. 2

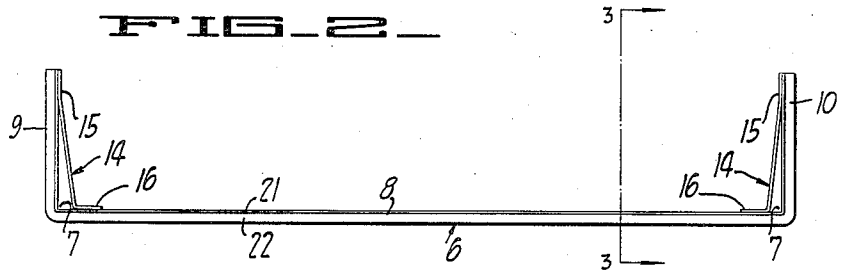


FIG. 4

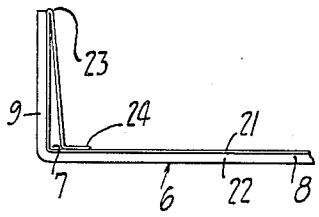
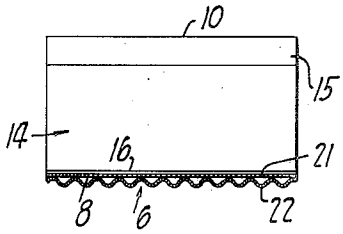


FIG. 3



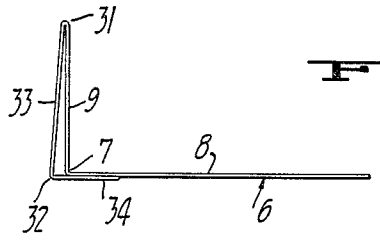


FIG. 5

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CONTAINER

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3 Claims. (Cl. 206—44)

This invention relates to a new and useful container, particularly one designed for the handling of bakers' goods such as loaf cakes, cup cakes, cookies and various confectionaries. In the manufacture and marketing of bakers' goods, operations have undergone a radical change in the last decade and today, instead of goods being supplied and sold over a counter by a local baker, they are manufactured and packed, largely with machinery, and then rapidly dispatched in trucks for distribution and sale. The goods are thus subject to numerous handling operations to which heretofore they have not been subject and against which they must be protected. At the same time, the goods must be displayed attractively for sale purposes. The container of the present invention is particularly designed and has proven its utility in connection with the modern handling of bakers' goods. For example, the container of the present invention supplies ample protection, is adapted for machine or hand wrapping operation, and supports the goods in an attractive package in which they are suitably displayed.

It is in general the broad object of the present invention to provide a simple, rugged and effective display container for bakers' goods.

Another object of the present invention is to provide a container of a novel construction.

The invention includes other objects and features of advantage, some of which, together with the foregoing, will appear hereinafter.

In the drawing,

Figure 1 is a perspective view illustrating a package assembled and having goods positioned thereon.

Figure 2 is a side elevation illustrating one construction embodying the present invention.

Figure 3 is a section taken along the line 3—3 in Figure 2.

Figure 4 is a fragmentary side elevation of another form of container embodying the present invention.

Figure 5 is a fragmentary view in section showing another modification.

I have discovered that a suitable yet rugged container can be made by providing a rectangular sheet of board or corrugated paper, generally indicated at 6, with crease lines 7 to form a base 8 and end portions 9 and 10. Normally end portions 9 and 10 extend upwardly, as appears in Figure 1, and form a U structure. Various articles such as cup cakes, cookies or the like, can be packed on the base 8 between the vertical end portions; the base and end portions form a protecting U structure for the articles. A wrapper, generally indicated at 11, is placed about the articles packed in the U structure, this wrapper being Cellophane, waxed paper, or other suitable transparent substantially moisture proof wrapping material.

Now in packaging bakers' goods, the sheet 6 is ordinarily lacking in sufficient inherent strength to preserve its U structure during the packing operation. I have found that the ends 9 and 10 can be maintained in their substantially vertical position and prevented from collapsing by provision of a strip member indicated at 14 between each end portion and the base 8. This member is attached, as at 15 and 16, to the base and to the adjacent end portions whereby a triangular enclosure is provided, with the strip member 14 providing the hypotenuse of the triangle, the upright vertical leg being provided by a portion of the end portion and the base of the triangle being a portion of the base structure. The members 14 are attached so that they are taut when the end portion is in a substantially vertical position, there being one of the members secured adjacent each end of the base 8. The end portions fit down readily upon the adjacent base portion so that the unit can be readily shipped as a mere assembly of flat strips.

The sheet 6 can be a single strip of heavy paper or light board or it can be a composite structure in which the sheet 6 is made up of a flat paper sheet 21 having attached thereto an outer corrugated paper face 22. In Figure 4, I have shown sheet 21 of a length such that it extends beyond the corrugated portion and is folded upon itself as at 23, and extended downwardly for attachment as at 24 to the base structure, whereby the interlock between the end portions 9 and 10 is provided by the integral sheet 21.

From the foregoing I believe it will be apparent that I have provided a simple, rugged container which is easily constructed. In operation, the strip members can be glued and applied as a line operation, and thereafter the various widths cut off to provide the individual sheets 6. In this way, cheap production can be obtained.

It is to be particularly pointed out that the point of attachment of members 14 to the base is at a point close to the adjacent crease line 7. This provides a U structure of maximum capacity since members 14 are nearly parallel to the end portions.

In Figure 5 I have shown, as a modified form of the invention, a structure in which the end portion is creased and folded upon itself, first

as at 31 and again as at 32. This provides an upright portion 33 and a base 34 which is attached to base 6, and forms a continuation thereof. This provides the requisite triangular stiffening for the end portions 9 and 10.

I claim:

1. A package consisting of a flat substantially rectangular member having parallel fold lines extending transverse to the longitudinal axis of said member to provide an intermediate article receiving base portion between said lines, opposite end portions integrally connected to said base at said fold lines and movable relative to said base into a position substantially 90° to said base to provide with said base a U structure, a flexible strip attached to one of said end portions and folded inwardly and attached to said base adjacent the fold line connecting said last mentioned end portion to said base and forming the hypotenuse of a triangle which includes as the legs thereof a portion at least of said end portion and a portion of said base, and a second flexible strip attached to the other of said end portions and folded inwardly and attached to said base adjacent the fold line connecting said last mentioned end portion and said base and forming the hypotenuse of a triangle which includes as the legs thereof a portion at least of said end portion and a portion of said base, each of said strips limiting movement of its attached end portion between a first position in which said attached end portion lies over and substantially parallel to the base and a second position in which said attached end portion is substantially at 90° to said base.

2. A package consisting of a flat substantially rectangular member having parallel fold lines extending transverse to the longitudinal axis of said member to provide an intermediate article receiving base portion between said lines, opposite end portions integrally connected to said base at said fold lines and movable relative to said base into a position substantially 90° to said base to provide with said base a U structure, a flexible strip attached to one of said end portions and folded inwardly and attached to said base adjacent the fold line connecting said last mentioned end portion to said base and forming the hypotenuse of a triangle which includes as the legs thereof a portion at least of said end portion and a portion of said base, and a second flexible strip attached to the other of said end portions and folded inwardly and attached to said base adjacent to the fold line connecting said last mentioned end portion and said base and forming the hypotenuse of a triangle which includes as the legs thereof a portion at least of said end portion and a portion of said base, each of said strips limiting movement of its attached end portion between a first position in which said attached end portion lies over and substantially parallel to the base and a second position in which said attached end portion is substantially at 90° to said base, said base portion and said opposite end portions providing a U structure receiving enclosure for articles placed on said base and normally tending to force said end portions outwardly away from said base portion, and a wrapper positioned about said U structure to encase articles positioned on said base portion and between the end portions providing opposite legs of said U structure.

3. A package consisting of a flat substantially rectangular member having parallel fold lines extending transverse to the longitudinal axis of said member to provide an intermediate article receiving base portion between said lines and opposite end portions each attached immediately adjacent said base portion and movable relative to said base into a position at substantially 90° to said base to provide with said base and the other end portion a U structure, a first flexible strip attached to one of said end portions and to said base and forming the hypotenuse of a triangle which includes as the legs thereof a portion at least of said one end portion and a portion of said base, and a second flexible strip attached to the other of said end portions and to said base and forming the hypotenuse of a triangle which includes as the legs thereof a portion at least of said other end portion and a portion of said base, each of said strips limiting movement of its attached end portion between a first position in which said attached end portion lies over and substantially parallel to the base and a second position in which said attached end portion is substantially at 90° to said base, said rectangular member consisting of an outer corrugated paper sheet secured to an inner flat paper sheet, said flat sheet being folded back upon itself and secured to said base to provide said first and second flexible strips.

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