Oct. 23, 1945. C. H. GOODYEAR 2,387,325

CONTAINER

Original Filed March 4, 1938

FIG. 2

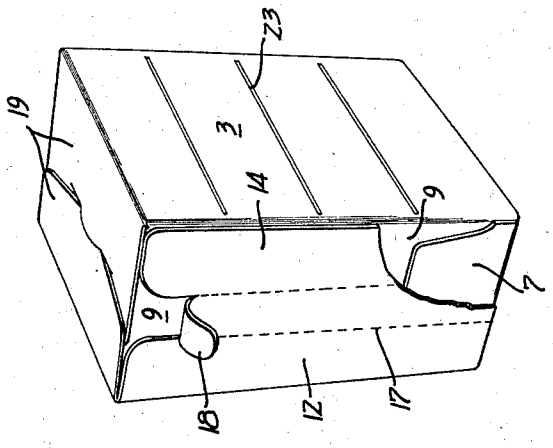
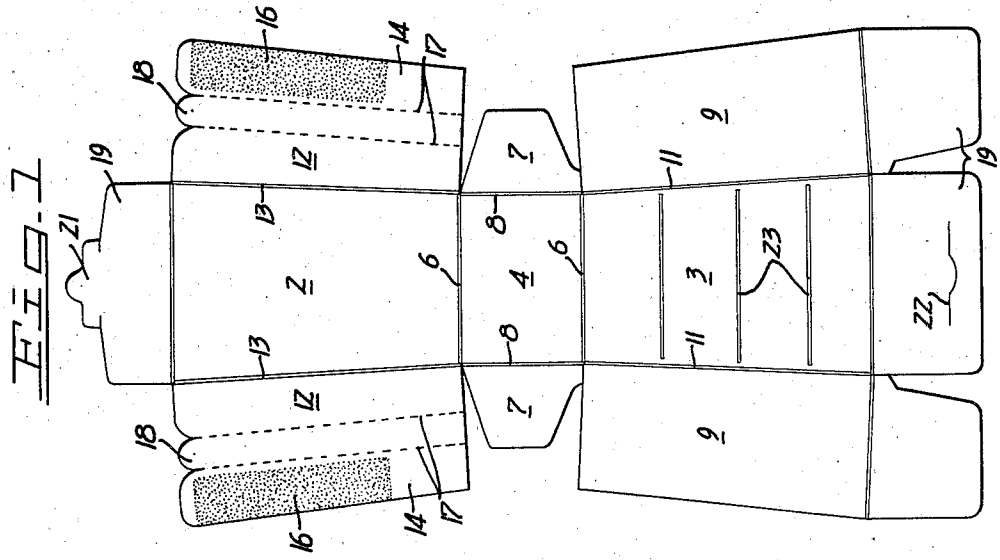


FIG. 1



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2,387,325

CONTAINER

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Original application March 4, 1938, Serial No. 193,936. Divided and this application October 4, 1940, Serial No. 359,631

3 Claims. (Cl. 229—51)

This is a division of my copending application, Serial No. 193,936, filed March 4, 1938.

My invention relates to fibreboard containers, and more particularly to improvements in a pail adapted for holding material such as ice cream.

It is among the objects of my invention to provide a container of the character described having tear strips so arranged that tearing out the strips frees the walls to allow spreading the container out flat to expose the contents.

Another object of my invention is to provide a container having tear strips separable from other parts along lines of weakness so that the pail may be readily folded out flat without unsightly injury to the walls.

The invention possesses other objects and features of advantage, some of which, with the foregoing, will be set forth in the following description of my invention. It is to be understood that I do not limit myself to this disclosure of species of my invention, as I may adopt variant embodiments thereof within the scope of the claims.

Referring to the drawing:

Figure 1 is a plan view of a blank from which my pail is folded; and

Figure 2 is a perspective view showing the completed pail with one of the tear strips partially removed.

In terms of broad inclusion, my container comprises walls including opposing panels, and tear strips in the panels, whereby tearing out the strips frees the walls to allow spreading the container out flat. The panels are preferably formed as sealing flaps foldably connected to a side wall and secured to the end walls.

In greater detail, and referring particularly to Figure 1 of the drawing, the blank from which my pail is folded comprises side walls 2 and 3 foldably connected to opposite edges of bottom wall 4 by crease lines 6. End tabs 7 are foldably connected along the other edges of the bottom by crease lines 8. Side wall 3 carries the end walls 9 which are foldably connected along opposite edges of the side wall by crease lines 11. By this arrangement side walls 2 and 3 may be folded up and end walls 9 folded in to form the pail; the walls being preferably shaped to form a tapered pail as shown in Figure 2 to permit nesting the containers.

The pail is held together in erected position by sealing flaps or panels 12 foldably connected along opposite edges of side wall 2 by crease lines 13. Each of these flaps has an outer gluing strip 14 carrying a suitable adhesive 16 for uniting it to underlying end wall 9. Adhesive 16 terminates short of the bottom so as not to unite with tab 7 which is interposed between the end wall and sealing flap. Each flap also has spaced lines of weakness 17, such as perforated lines, forming a tear strip 18 extending downwardly across the flap. The upper ends of these strips are shaped to provide finger engageable portions to facilitate downward tearing of the strips.

Suitable closure flaps 19 are provided along the upper edges of the side and end walls; a locking tab 21 and associated receiving slit 22 being preferably provided on the side wall flaps. Score lines 23 are preferably provided in one of the walls to form slicing marks on the ice cream.

In opening the pail tear strips 18 are removed, and upon disengagement of locking tab 21 the walls are free to be spread out flat. It will be noted that the provision of tear strips at both ends of the pail provides means for effectively separating side wall 2 from the end walls. This not only facilitates opening the pail out flat, but also provides means for neatly freeing the walls without unsightly tearing of the fiber or having to pull apart glued portions.

I claim:

1. A container comprising opposed ends and opposing lateral walls, a flap foldably connected to one of said opposing walls to form a third wall, a sealing flap foldably connected to the other of said opposing walls and overlying the third wall, said sealing flap having spaced lines of weakness to form an intermediate tear strip and an outer fastening strip, means for securing the fastening strip to said third wall, a flap forming a fourth wall, a sealing flap, said fourth wall flap and said last named sealing flap being foldably connected respectively to said opposing walls, said last named sealing flap overlying said fourth wall flap and having spaced lines of weakness to form an intermediate tear strip and an outer fastening strip, means for securing said last named fastening strip to said fourth wall, the fold lines for said flaps and the said lines of weakness extending transversely of the container ends, one of said container ends being constituted by disengageable end flaps, each of said end flaps being foldably connected to one of said walls, said end flaps being disengageable following tearing of the container on said lines of weakness by outward folding of the lateral walls to which the same are secured.

2. A container comprising ends and lateral walls, one of said lateral walls comprising overlapping flaps in the outer one of which are spaced lines of weakness which divide the outer

flap into an intermediate tear strip and an outer fastening strip, and means for securing the fastening strip to its underlying flap, one of said ends comprising disengageable flaps each foldably connected to a lateral wall.

3. A container comprising a bottom, a pair of opposed side walls, a second pair of opposed side walls each comprised of overlapping flaps foldably connected to the first named side walls, the outer of each pair of overlapping flaps having spaced lines of weakness to form an intermediate tear strip and an outer fastening strip, means for securing each fastening strip to its underlying flap, and a closure at the top of the container comprising disengageable flaps each foldably connected to a side wall.

4. A container blank comprising a sheet of material cut and scored to form a bottom, side walls extending from opposite edges of the bottom, end walls extending from opposite edges of one of said side walls, and sealing flaps extending from opposite edges of the other side wall, each of said flaps having spaced lines of weakness to form an intermediate tear strip and an outer fastening strip.

5. A container comprising opposing walls, a flap foldably connected to one of said walls to form a third wall, a sealing flap foldably connected to the other of said opposing walls and overlying the third wall, said sealing flap having spaced lines of weakness to form an intermediate tear strip and an outer fastening strip, means for securing the fastening strip to said third wall, and a disengageable flap structure for closing an end of the container.

6. A container comprising opposing walls, a flap foldably connected to one of said walls to form a third wall, a sealing flap foldably connected to the other of said opposing walls and overlying the third wall, said sealing flap having spaced lines of weakness to form an intermediate tear strip and an outer fastening strip, means for securing the fastening strip to said third wall, and disengageable interlocking end flaps foldably connected to said opposing walls.

7. A container comprising a blank creased and folded to provide lateral walls, end-forming flaps formed upon corresponding ends of a pair of opposing lateral walls and provided with interlocking means for disengageably holding said flaps in end sealing relation, at least one lateral wall between said opposing walls comprising overlapping flaps in the outer one of which are spaced lines of weakness extending throughout the length thereof substantially parallel to said opposing walls for dividing the outer flap into an intermediate tear-out strip and an outer fastening strip, and means for securing the fastening strip to the underlying flap with an end of the tear-out strip positioned adjacent the disengageable end flaps and arranged to be gripped for tearing out the strip in a direction away from said end flaps.

8. A container comprising a blank creased and folded to provide lateral walls, end forming flaps formed upon corresponding ends of a pair of opposing lateral walls and provided with interlocking means for disengageably holding said flaps in end sealing relation, at least one lateral wall comprising overlapping flaps in the outer one of which are spaced lines of weakness extending throughout the length thereof substantially parallel to said opposing walls for dividing the outer flap into an intermediate tear-out strip and an outer fastening strip, and means for securing the fastening strip to the underlying flap with an end of the tear-out strip positioned adjacent the disengageable end flaps and arranged to be gripped for tearing out the strip in a direction away from said end flaps.

CHARLES H. GOODYEAR.