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J. W. MARTIN
COLLAPSIBLE BOX
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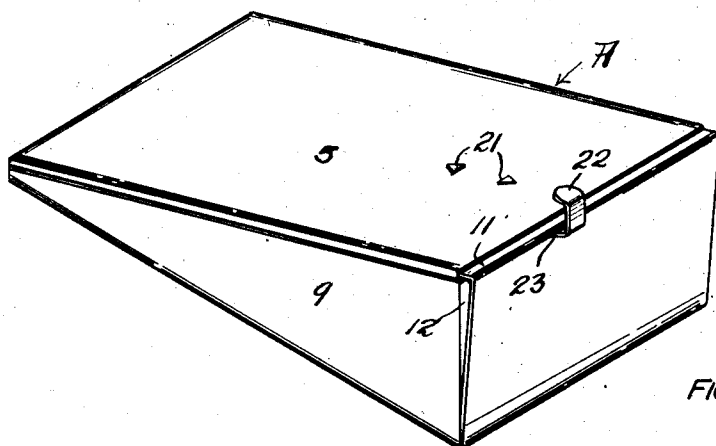


FIG 1

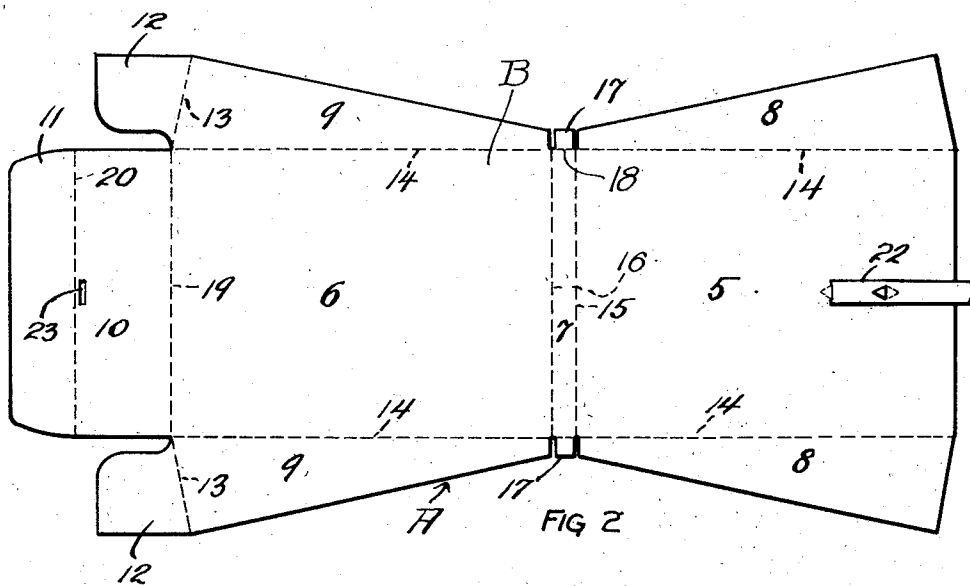


FIG 2

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COLLAPSIBLE BOX.

Application filed June 5, 1925. Serial No. 35,114.

The invention relates to a receptacle, and more especially to containers known as cheese boxes.

The primary object of the invention is the provision of a box of this character, wherein the body thereof is cut and folded in a particular manner, so as to accommodate a slice of cheese, the body being normally in knock-down condition, and is readily set up for receiving the piece of cheese.

Another object of the invention is the provision of a box of this character, wherein the same when set up for use is neat in appearance, and when not in use will be flat, so as to occupy the least possible space, the body being readily and easily folded into shape to receive the slice of cheese.

A further object of the invention is the provision of a box of this character, wherein the construction thereof is novel in form so that when the same is set up to contain the goods it will not bulge and the sides will not fall out of place, and thus permit the transportation of the contents of the box with safety.

A still further object of the invention is the provision of a box of this character, which is extremely simple in construction, thoroughly reliable and efficient in its purpose, strong, durable, light in weight, collapsible, and inexpensive to manufacture.

With these and other objects in view the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claim hereunto appended.

In the accompanying drawing:

Figure 1, is a plan view of the blank from which the box is formed by folding.

Figure 2, is a perspective view of the box folded and set up for use.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, the box body A, comprises a front 5, similar back 6, an intermediate narrow portion co-extensive with the width of the front and back to constitute a shallow end 7, pairs of side flaps 8, and 9, on the front and back, respectively. The flaps 8, and 9, are of triangular shape,

and have their smaller ends directed toward the shallow end 7, of the body.

On the back 6, is a top 10, having a front overlapping tongue 11, while on the side flaps 8, at their outer wider ends are end tongues 12, which are foldable on score or crease lines 13, and likewise the side flaps 8, and 9, are foldable on crease lines 14.

The front and back 5, and 6, are foldable on crease lines 15, and 16, relative to the smaller end 7, which latter has bendable ears 17, foldable on crease lines 18, to lie between the side flaps 8, and 9, when the body of the box has been set up for use.

The top 10, is foldable on crease line 19, and likewise the overlapping tongue 11, is foldable on crease line 20, while carried by the front 5, and secured centrally to the inner face thereof, preferably by the clincher spurs 21, is a metal fastening element 22, the spurs being cut and struck from the same, and the free end of this element projects beyond the free edge of the front 5, and is adapted to be received in a slot 23, formed centrally in the crease line 20, so that on bending this element after having been passed through the slot 23, outwardly and downwardly, the top 10, will be secured in closed position.

It is understood that the box in its entirety is made from a blank B, which consists of a piece of relatively stiff sheet material, of the required thickness, such for instance, as cardboard, or the like, and is cut into proper shape, and provided with the score lines or crease lines and various portions hereinbefore set forth in detail, which are folded on said score or crease lines in forming the box, all the portions of the box being formed from a unitary piece of material.

In the use of the box the body A, is normally flat, and the sides 8, and 9, are folded at right angles to the front and back 5, and 6, which latter are folded toward each other at an angle to one another as shown in Figure 1, of the drawing, the ears 17, having been folded to lie between the side flaps 8, and 9, which overlap each other, and in this position the body will house a piece of cheese of segment shape or wedge form, and such cheese being within the body, the end tongues 12 are next folded inwardly, and thereafter

the top 10, is folded to closed position onto the latter, and finally the overlapping tongue 11, is folded onto the front 5, and secured in place by the fastening element 22, carried by the latter.

What is claimed is:

A collapsible box of the kind described made from a single piece of material having the required stiffness, comprising front, back, sides, top and end, the end being of considerably less depth than the top and having flaps, the sides being arranged in pairs coextensive with the front and back and tapered toward each other and adapted to overlie the end

flaps, the sides at their ends adjacent to the flaps being of a depth correspondingly thereto, tongues on the pair of sides coextensive with back and adapted to be tucked behind the top, a tongue on the top and insertable between the tucked portion of the last named tongues and front, and a bendable element on the inner face of the front and projected centrally therefrom and adapted to be passed through the top for the turning of said element exteriorly over front.

In testimony whereof I affix my signature.

JAMES W. MARTIN.