May 1, 1934. P. K. MADISON 1,956,802

KNOCKDOWN CONTAINER

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Fig. 1

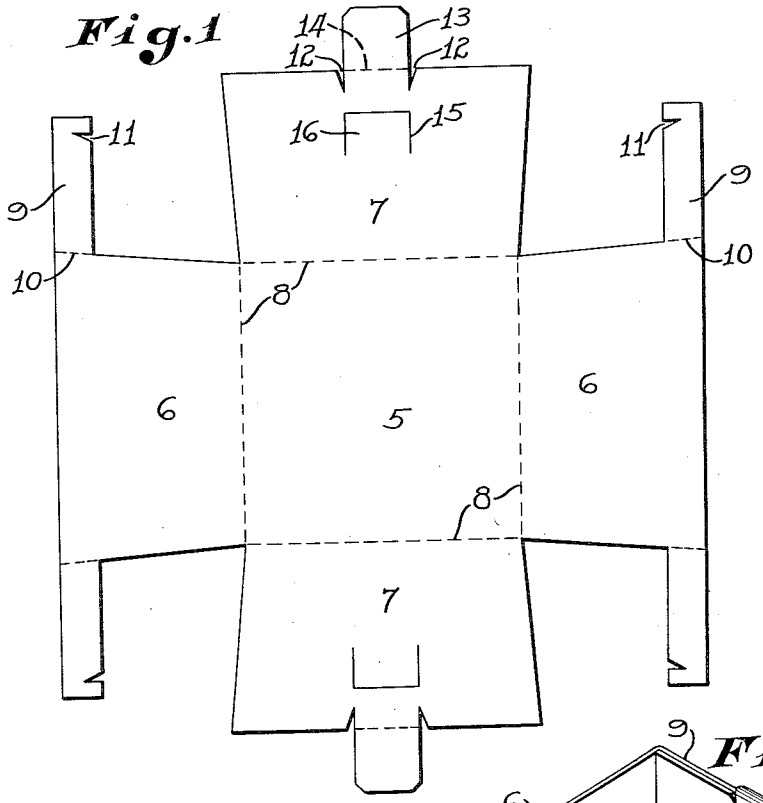


Fig. 3

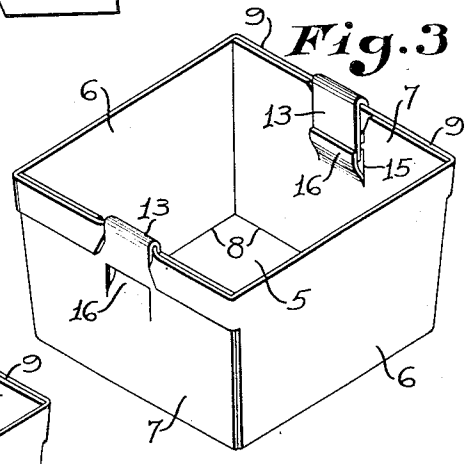
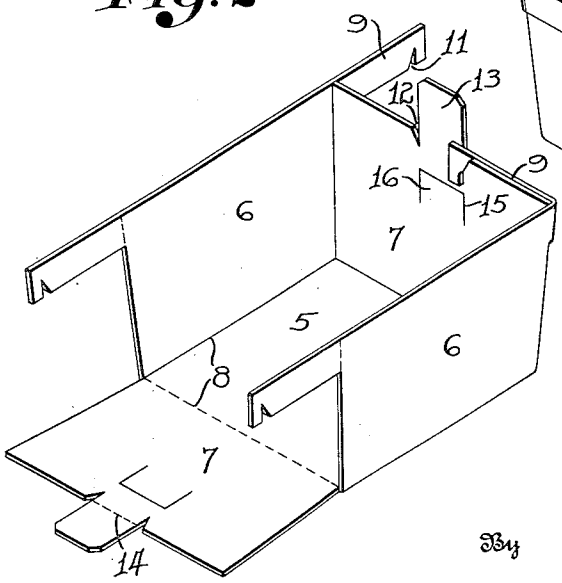


Fig. 2



Inventor

Peter K. Madison,

Owen & Owen

By

Attorneys

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KNOCKDOWN CONTAINER

Peter K. Madison, Oak Harbor, Ohio

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4 Claims. (Cl. 229—35)

This invention relates to a container which may be manufactured and stored in a flat or knocked down condition and which may be easily set up by the user.

The primary object of the invention is to provide a container of the character stated, which is convenient to handle and which may be manufactured and sold at a comparatively low price.

In the present embodiment of the invention, the container is made from a single die-cut blank of cardboard or similar material. It may be made in suitable standard shapes and sizes to receive berries, grapes or other articles, as may be desired.

The invention will be more specifically described in connection with the accompanying drawing in which—

Figure 1 is a plan view of the container in its flat or knocked down condition;

Figure 2 is an isometric view of the same partially set up;

Figure 3 is an isometric view of the container completely set up.

As illustrated in the drawing, the container is made from a single die-cut blank of cardboard or similar material and comprises a quadrangular bottom 5 with sides 6 and 7 integrally connected thereto at the fold lines 8, which may be scored to facilitate the setting up of the container.

Each side wall 6 has strips 9 extending laterally from its upper corners and connected thereto at the fold lines 10. In setting up the container, the side walls 6 and 7 are folded about the lines 8 to upright position, and the strips 9 are folded against the outside faces of the walls 7. Each strip 9 extends approximately half way across the face of the side wall 7 and is provided with a a notch 11, which interlocks with a similar notch 12 formed in the upper edge of the wall 7 so that the latter is held in upright position.

Each side wall 7 has a tongue 13 extending from its upper edge between the two notches 12 and connected thereto at the fold line 14. After the strips 9 have been interlocked with the walls 7, the tongue 13 is folded on the line 14 about the upper edges of the strips to lock them more securely. A slit 15 is cut in the wall 7 to form a tongue 16 behind which the tongue 13 is tucked, as shown in Figure 3.

From the foregoing description, it will be seen that the complete receptacle is made from a single die-cut blank which is scored along the lines 8 and 10 to facilitate folding. The containers are particularly adapted to be stored or shipped in quantity while in the flat or knocked-down condition, as shown in Figure 1, and they may be easily set up as they are used. The containers may be made from cardboard or other inexpensive material and when they are set up, the side walls are securely held in upright position by the strips 9 which are interlocked with the walls 7, and which are securely held in this interlocked position by the tongues 13, the latter being efficiently held in locking position behind the tongues 16, as shown in Figure 3.

While I have shown and described the preferred construction of the invention, it will be apparent that the same may be modified in various respects without departing from the scope of the invention as claimed.

What I claim is:—

1. A container comprising a bottom, side walls extending upwardly therefrom, strips connected to corresponding edges of opposite side walls and extending in contiguous relation to the upper portions of the intermediate side walls, said strips and said intermediate walls having interlocking notches, and tongues connected with said intermediate walls and folded about the upper edges of said strips to retain them with said notches in interlocking engagement, said intermediate walls being slit to form tongues behind which the ends of the first mentioned tongues are held.

2. A blank consisting of a single piece of sheet material constituting a container in a flat knocked down condition and comprising a central quadrangular portion, side walls extending from the edges thereof and adapted to be folded upwardly, strips extending laterally from the edges of two opposite side wall portions and provided with notches, tongues extending from the ends of the other side wall portions, the latter being provided with notches adjacent the sides of the tongues and inter-engageable with the notches in the strips when the container is set up, said tongues being foldable about the upper edges of said strips to lock the latter with said notches inter-engaged, said other side wall portions having slits into which the ends of said tongues may be tucked to finally lock the container in its set up condition.

3. A container comprising a bottom and a plurality of side walls rising therefrom, opposite side walls having strips projecting from opposite side edges at their outer ends and notched at their inner sides adjacent to their ends, intermediate side walls having tongues projecting from their upper ends and notched at opposite sides of the tongues, the strips lapping the outer sides of adjacent intermediate side walls at their upper edge portions and having their notches interengaged with respective notches in the lapped side walls

and the tongues being folded over the free ends of the respective strips to retain them in interlocked engagement with the side walls.

4. A container comprising a bottom and side walls projecting upward therefrom, opposite side walls having strips projecting from opposite side edges thereof adjacent to their upper ends, said strips being notched on their bottom side edges and the intermediate side walls being notched on their top edges, whereby the strips may lap the upper edge portions of intermediate side walls with their notched portions interengaged, each of said intermediate side walls having a slit formed therein below said notches to form struck out tongues, and releasable means on the intermediate side walls for engagement in said slits between said tongues and the adjacent portion of said wall for retaining the strips in interlocked engagement therewith.

PETER K. MADISON.