May 3, 1932. A. S. ETHRIDGE 1,856,474

CONTAINER

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Fig. 1.

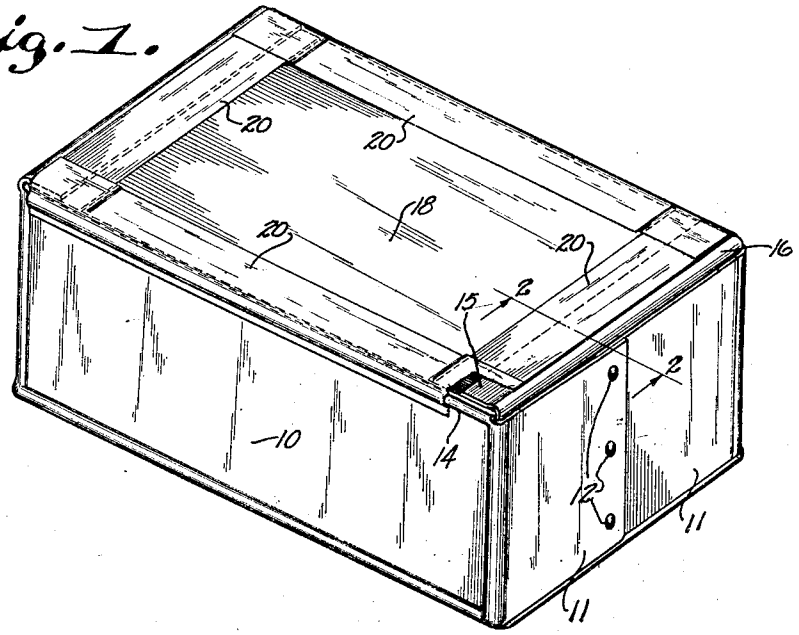

Fig. 3.

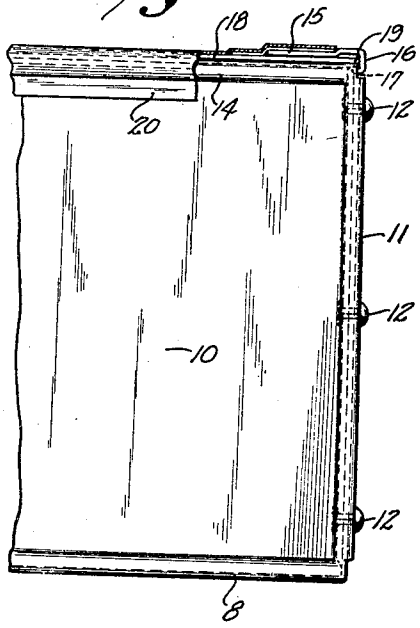

Fig. 2.

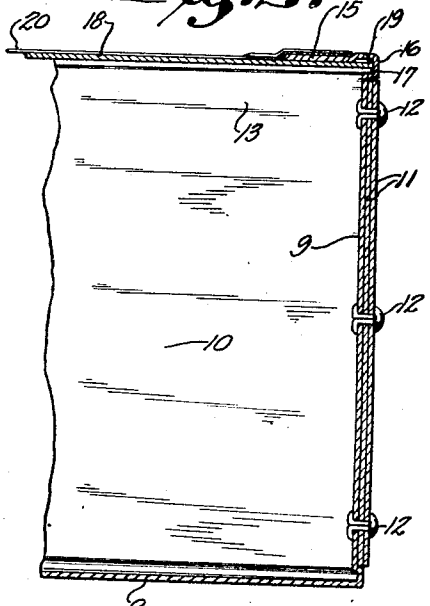

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Fig. 4.

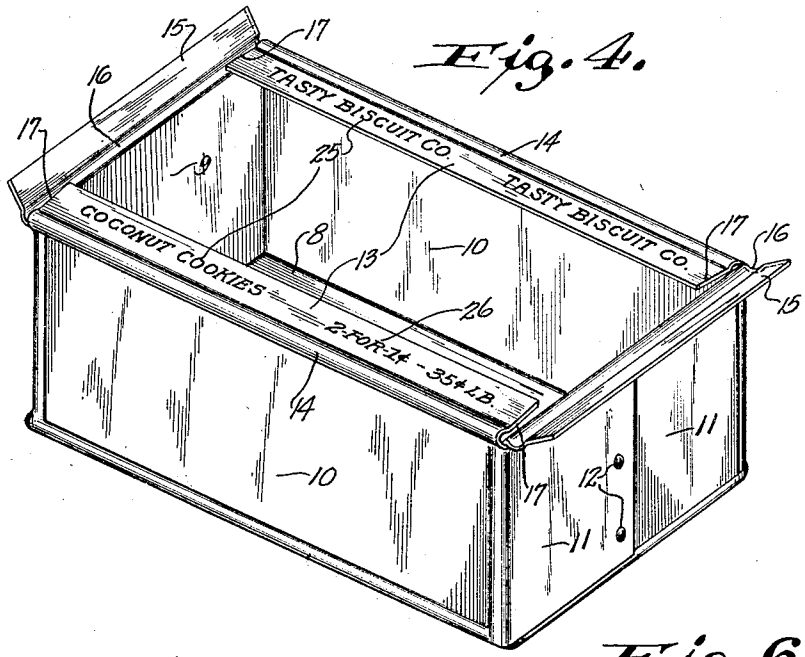


Fig. 5.

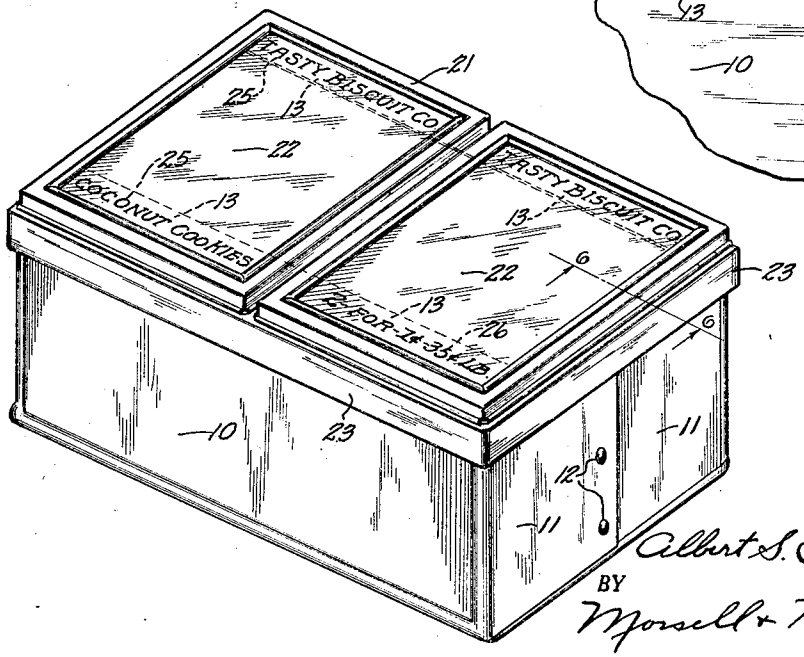
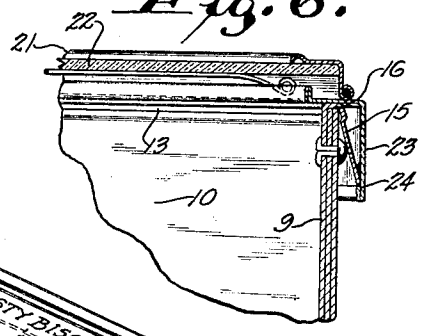


Fig. 6.



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Patented May 3, 1932

1,856,474

UNITED STATES PATENT OFFICE

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CONTAINER

Application filed September 17, 1930. Serial No. 482,391.

This invention relates to improvements in containers.

It is one of the objects of this invention to provide an improved container, more specifically of fiberboard construction, which possesses sufficient rigidity to permit safe shipping of cookies, crackers, cakes, or other fragile commodities therein.

A more specific object of this invention is to provide an improved container in which the upper flaps of the sides and ends cooperate with one another and with the cover to produce the desired rigidity.

A further object of this invention is to provide a container in which a pair of outer end members are overlapped and secured together and to an inner end member in a novel manner to further brace the container, and to limit the inward give of the end sections.

A further object of this invention is to provide an improved container on which a standard display top may be quickly and rigidly positioned without necessitating any alteration or cutting of the flaps of the container to accommodate said top.

A further object of this invention is to provide an improved container which is simple in construction, strong and durable, and well adapted for the purpose described.

With the above and other objects in view, the invention consists of the container, and all its parts and combinations, as set forth in the claims, and all equivalents thereof.

In the accompanying drawings illustrating one complete embodiment of the preferred form of the invention, in which the same reference numerals designate the same parts in all of the views:

Fig. 1 is a perspective view of the container assembled with the cover sealed in position, part being broken away;

Fig. 2 is an enlarged sectional view taken on line 2—2 of Fig. 1;

Fig. 3 is a fragmentary side view adjacent one end of the container, parts being broken away and parts being shown in section;

Fig. 4 is a perspective view with the cover removed;

Fig. 5 is a perspective view showing a display top applied to the container of Fig. 4; and

Fig. 6 is an enlarged sectional view taken on line 6—6 of Fig. 5.

Referring to the drawings, the container, which is constructed of fiberboard or the like, comprises a bottom 8, having inner end sections 9, and side sections 10 foldably connected thereto, said side sections being provided with end extensions 11 which are adapted to be folded in overlapping position adjacent the inner end sections 9 and to be secured thereto with a single row of staples or other fastening devices 12, the latter extending through both of the end flaps 11 and through the end section 9.

The side sections 10 are provided on their upper edges with relatively narrow flaps 13 which are inwardly foldable on scored lines 14. The end sections 9 are provided with similar flaps 15 which are foldable on scored lines 16. It is to be noted that the scored lines 16 for the flaps 15 of the end sections are positioned slightly higher than the scored lines 14 for the flaps 13 of the side sections. With this construction, when the end flaps are folded over the side flaps, the ends 17 of the latter will fit tightly within the grooves formed by the scored lines 16 of the end flaps, as shown in Figs. 2 and 3 to form a brace for the closed container. Furthermore, when the flat cover member 18 is positioned over the side flaps 13 and under the end flaps 15, its ends will also fit tightly within the scored lines 16 as at 19 to additionally brace the box.

The container is adapted to be closed by means of tape 20 which is secured over the side and end flaps as shown in Fig. 1. When thus closed, the container, due to the novel flap and cover construction, and due to the well braced arrangement of the ends, will resist inward pressure, and will therefore serve to suitably protect crackers, cookies, cakes, and other fragile commodities.

An additional advantageous feature of the container resides in the fact that it is constructed to readily receive a display top of standard construction. With the ordinary container having long flaps, said flaps must

be cut off in order to fit a display top over the box, and in order to display the contents to prospective purchasers.

With the improved construction, however, it is merely necessary to remove the cover 18, leaving the container as shown in Fig. 4, and to bend the end flaps 15 outwardly and downwardly. The display top 21, which is provided with windows 22 and with downwardly flanged sides 23 may then be readily inserted over the open top of the container as shown in Fig. 5, the end flaps 15 of the container fitting within the flanged sides 23 of the display top.

Furthermore, in view of the fact that the flanged sides 23 of a standard display top have shoulders 24, formed by the inwardly turned edges (see Fig. 6), the flaps 15 are constructed of the necessary width to engage said shoulders 24 to lock the display top in position.

It is further to be noted that the side flaps 13 of the container may be formed with advertising matter 25 and with price notations 26 thereon which will show through the windows 22 as illustrated in Fig. 5.

Although only one form of the invention has been shown and described, it is not desired to be limited to this exact showing, as the broad concept of the invention includes all changes and modifications as may come within the scope of the claims.

What I claim is:

1. A fiberboard container comprising a body portion having side and end members, side and end flaps foldably connected to said side and end members respectively, there being relatively deep lines of scoring for the folding of said end flaps to define grooves, and a cover member, said cover member fitting over the side flaps and under the end flaps, and the ends of the cover and side flaps being positionable within the grooves of the end flaps to brace the container.

2. A fiberboard container comprising a body portion having side and end members, relatively narrow side and end flaps foldably connected to said side and end members respectively, there being relatively deep lines of scoring for the folding of said end flaps to define grooves, and a cover member, said cover member fitting over the side flaps and under the end flaps, and the ends of the cover and side flaps being positionable within the grooves of the end flaps to brace the container.

3. A fiberboard container for receiving a display top having side flanges, said flanges having shoulders on their inner sides, comprising a body portion having four side members, and a pair of flaps foldably connected to opposite side members, said flaps being foldable outwardly and downwardly to fit within the side flanges of the display top, the outer edges of the flaps engaging the shoulders of the side flanges to lock the top in position.

4. In combination, a container comprising a body portion having four side members and having a pair of flaps connected to opposite side members, and a display top having side flanges, said flaps of the container being foldable outwardly and downwardly to fit within the side flanges of the display top and said flaps when in assembled position yieldingly engaging the flanges of said display top to maintain the top in position.

5. In combination, a container comprising a body portion having four side members and having a pair of flaps foldably connected to opposite side members, and a display top having side flanges provided with engaging means on the inner side thereof, said flaps of the container being foldable outwardly and downwardly to fit within the side flanges of the display top and said flaps in assembled position yieldingly coacting with the engaging means of the flanges of the display top to maintain the latter in position.

6. In combination, a container comprising a body portion having four side members and having a pair of flaps foldably connected to opposite side members, and a display top having side flanges, said flaps of the container being foldable outwardly and downwardly to fit within the side flanges of the display top and said display top being of slightly larger dimensions than the top of the container to accommodate said flaps.

7. In combination, a container comprising a body portion having four side members and having relatively narrow flaps foldably connected to all of said side members, and a display top having side flanges, one pair of opposite flaps being foldable outwardly and downwardly to fit within the side flanges of the display top and being cooperable therewith to hold the display top in position and the other pair of opposite flaps being foldable inwardly and having reading matter thereon to provide for the display of said reading matter.

In testimony whereof, I affix my signature.

ALBERT S. ETHRIDGE.