March 15, 1932. E. A. LOCKE, JR 1,850,020

COUNTER DISPLAY BOX

Filed May 16, 1930 2 Sheets-Sheet 1

Fig. 1.

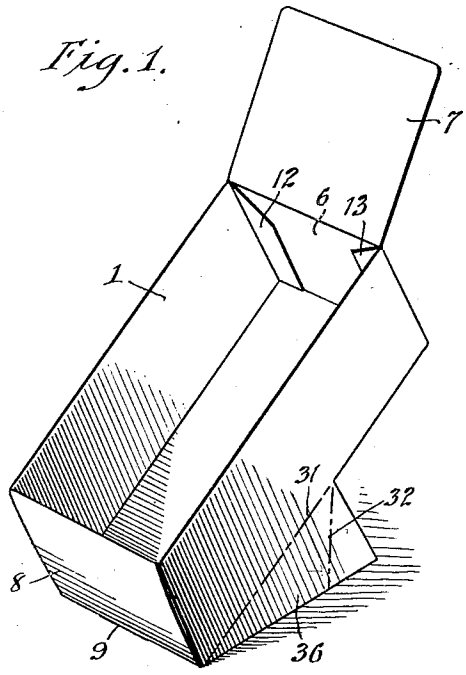


Fig. 2.

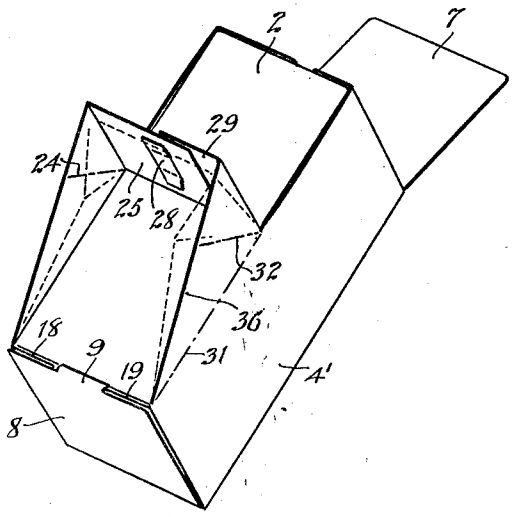


Fig. 3.

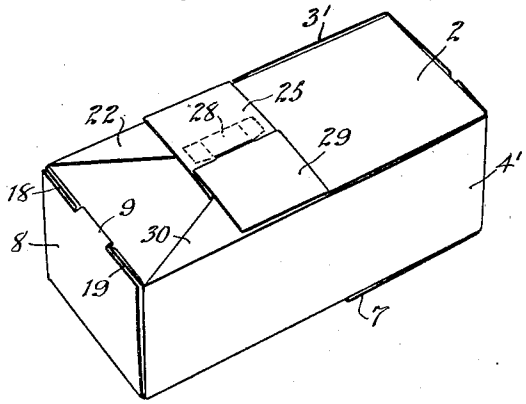
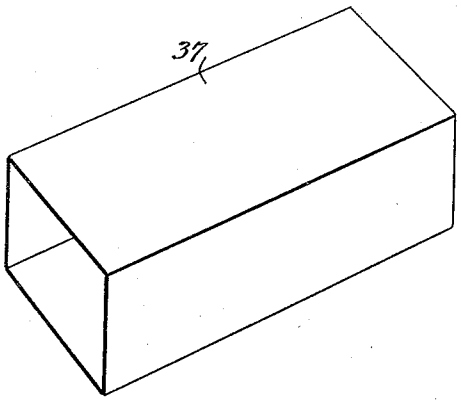


Fig. 4.



WITNESSES

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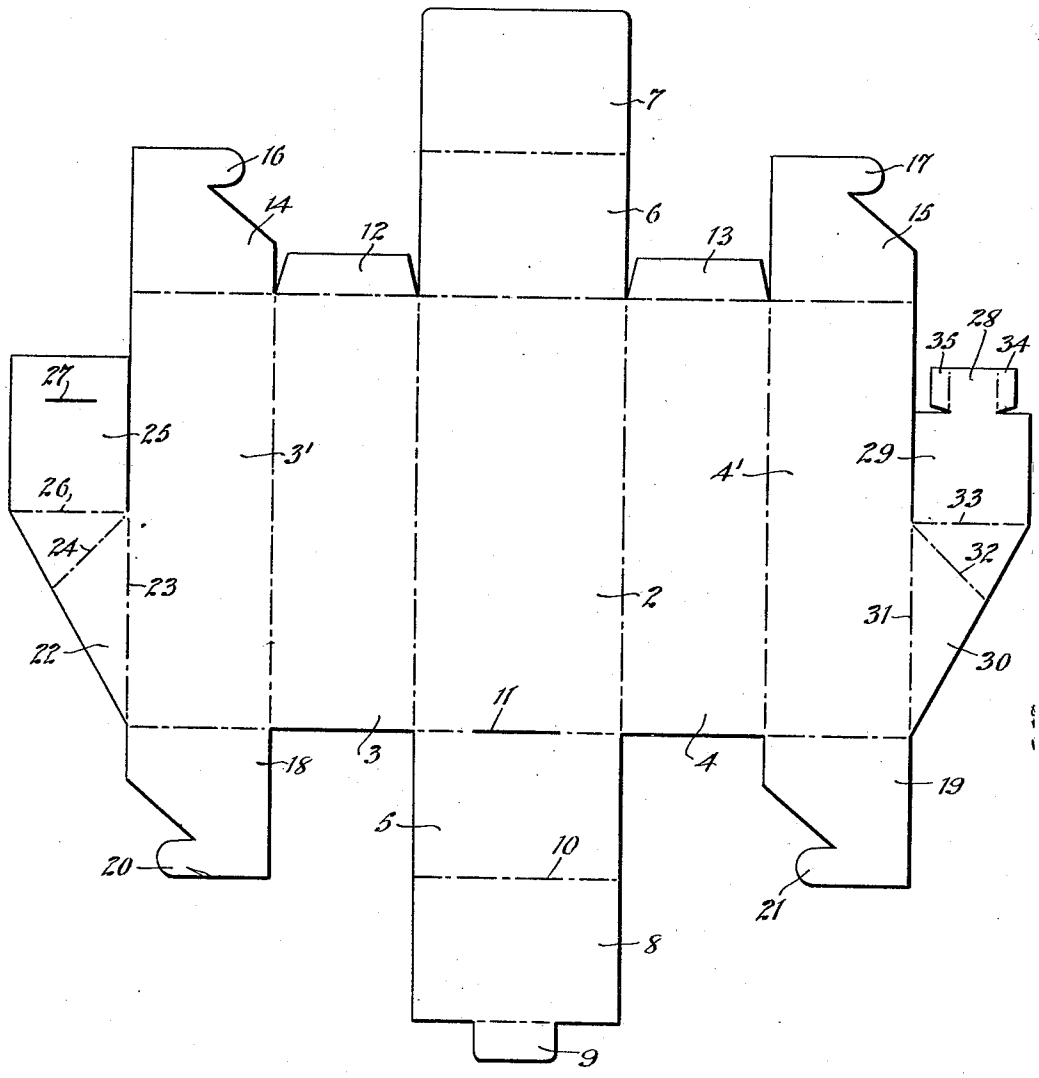
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Fig. 5.



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UNITED STATES PATENT OFFICE

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COUNTER DISPLAY BOX

Application filed May 16, 1930. Serial No. 453,046.

This invention relates to a folding box, and particularly to an improved counter display box, the object being to provide a construction which may be easily manufactured and easily sold or distributed.

Another object of the invention is to provide a counter display box wherein an easel portion is interlocked and then folded before the box is distributed for sale, so that when the box is opened for use it is not necessary to perform any interlocking or folding operations.

A further object, more specifically, is to provide a counter display box wherein a folding display box structure is provided and an integral easel holding the box at an angle when in use, the easel structure including folding side members and an interlocking end structure capable of lying flatwise against the side members when the side members are folded against the bottom of the box, whereby a covering member may be slipped over the box for holding the contents in proper place, and also whereby the easel is held in a folded position, thus leaving the easel in position to be used as soon as the cover has been removed.

In the accompanying drawings—

Figure 1 is a perspective view of the box disclosing an embodiment of the invention, the same being shown ready for use;

Figure 2 is an inverted perspective view of the box illustrated in Figure 1;

Figure 3 is a view similar to Figure 2 but showing all the parts folded;

Figure 4 is a perspective view of a cover or casing adapted to be slid over the box shown in Figure 3;

Figure 5 is a plan view of the blank from which the box of Figure 1 was made.

Referring to the accompanying drawings by numerals, 1 indicates the body of a box which may be made in different ways but preferably as shown in Figure 5, which figure discloses as a blank the specific structure illustrated in Figures 1 to 3, inclusive.

Referring particularly to the blank shown in Figure 5 it will be seen that the central portion 2 acts as a bottom, and extending as integral projections from this bottom portion are inside walls 3 and 4 and inside ends 5 and 6. End 6 is provided with a flap or extension 7 which acts more as an ornamental member than as part of the box. This member may be provided with printed matter or ornamental designs as desired. The wall 5 is provided with an extension 8 having a tab 9, the extension 8 being folded along the line 10 so as to fit flatwise against the outside of wall 5 when the tab 9 is forced through the slit 11. As shown in Figure 5 the various parts are foldable along the dot-and-dash lines illustrated in that figure and preferably the parts are scored along these lines so as to make folding easy and accurate.

Inside walls 3 and 4 are provided with locking flaps 12 and 13 which fit against the inner surface of end 6, as illustrated in Figure 1, while the locking extensions 14 and 15 are interlocked on the outside of wall 6. These extensions are provided with interlocking hook members 16 and 17. These extensions are integral with outside walls 3′ and 4′ while similar interlocking extensions 18 and 19 are provided at the opposite ends, said interlocking extensions being formed with interlocking hook members 20 and 21 adapted to interlock in the space between wall 5 and extension or wall 8. Outside wall 3′ is provided with a triangular extension 22 adapted to be folded along lines 23 and 24, while the projection 25, integral with extension 22, is folded along line 26. Extension 25 is provided with a slit 27 for receiving the locking extension 28 on the projection 29 of the triangular extension 30. Extension 30 is folded along lines 31 and 32, while projection 29 is folded along line 33. The locking extension 28 is provided with foldable flaps 34 and 35 which are adapted to be folded flatwise against extension 30 at the time the extension is forced through the slit 27, whereby the flaps will automatically move back to their former positions, as illustrated in Figure 2, and lock the parts together.

The respective extensions 22 and 30 and associated parts form the easel structure 36 illustrated in operative position in Figures 1 and 2. When the blank shown in Figure 5 is folded to form the box or container the

same is moved to the position shown in Figure 1 when in use and on display. When the box is to be shipped filled the easel 36 is collapsed by being folded along lines 24 and 32 and then along lines 23 and 31, whereby the parts will appear as shown in Figure 3. The extension 7 is then folded over the open part of the box, and finally the tubular casing 37 is slid into position over the parts so as to completely cover both of the side edges and the top and bottom, although not the ends.

When the box is received and it is desired to place the same on display so that the contents may be readily seen, the casing 37 is slid off the box and the easel 36 unfolded to the position shown in Figures 1 and 2. Preferably the blanks as shown in Figure 5 are left flat and shipped to the person desiring to use the same, as, for instance, a candy manufacturer. At the candy factory one of the employees will fold the box to the position as shown substantially in Figure 1. The box is then filled and folded to the position shown in Figure 3, after which the casing 37 is placed in position. In this manner an experienced person folds the box but the retailer does not find it necessary to do any folding as the easel and all other parts are in operative position, except when the easel must be moved to the position shown in Figures 1 and 2. This is readily done because the resiliency of the cardboard will automatically move to this position as soon as the casing 37 is taken off the box.

I claim—

1. A blank for a folding box comprising a rectangular bottom section, a pair of inside end wall sections extending from the end of said bottom sections, each of said end sections having a projection, one of said projections having a tab, said bottom being provided with a slit at the juncture of one of said end sections with the bottom for receiving said tab, a pair of inside wall sections extending from the sides of said bottom, a pair of outside wall sections extending from the outer edges of said inside wall sections, a locking member extending from each end of each of said outside wall sections, two of said locking members interlocking at each end of the bottom when the blank is folded, and means extending from one side of the respective outside wall sections, said last mentioned means being foldable to present a folding easel located on the bottom of the box when folded.

2. A folding box comprising a body having a pair of side walls, each of said side walls having a triangular extension, each of said triangular extensions having a rectangular projection, one of said projections having a slot and the other a locking extension, said locking extension being adapted to be forced through said slot when the projections are folded, whereby a complete easel structure is presented integral with the side walls and arranged beneath the bottom of the box.

3. A folding box including a foldable easel extending from the side walls of the box, said foldable easel having a pair of triangular members, each triangular member having a foldable triangular section, and a pair of interlocking projections, said second mentioned triangular sections and said interlocking extensions being foldable on top of the remaining part of the easel when not in use, and a casing adapted to be slid over the entire box including the easel for holding the contents properly in the box and holding the easel in a folded position.

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