March 2, 1926. 1,575,467

A. M. VAN WAGENEN, JR

DISPLAY CONTAINER

Filed Oct. 20, 1924 2 Sheets-Sheet 1

Fig. 1.

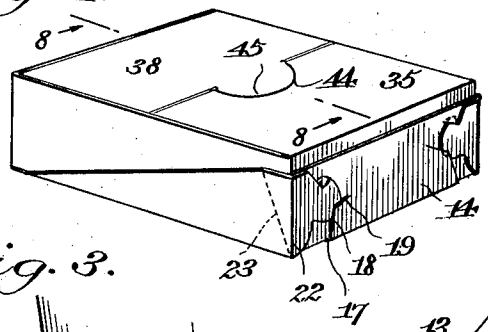


Fig. 2.

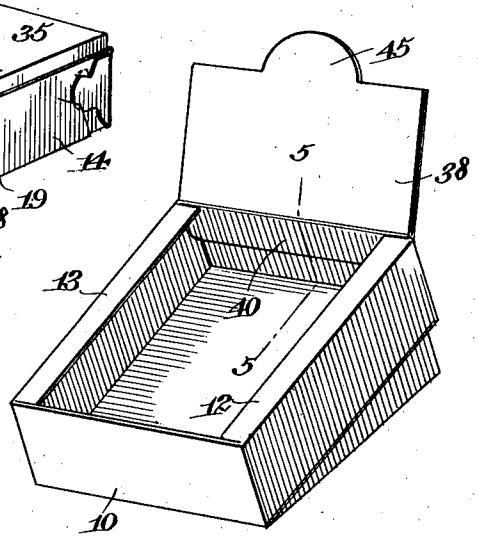


Fig. 3.

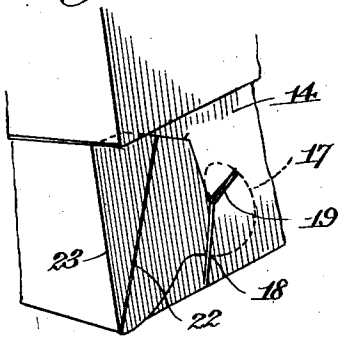


Fig. 4.

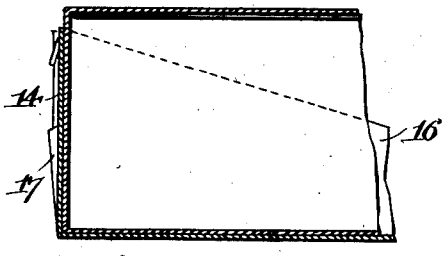


Fig. 5.

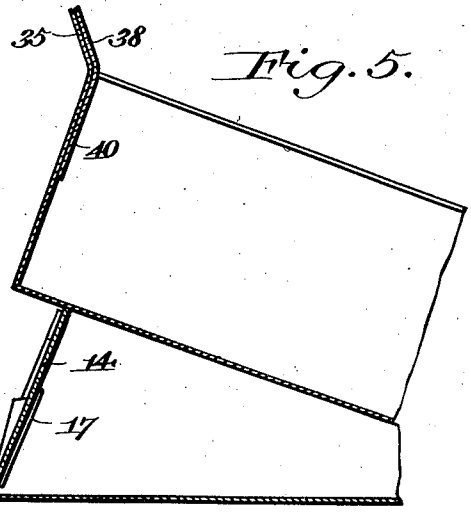


Fig. 6.

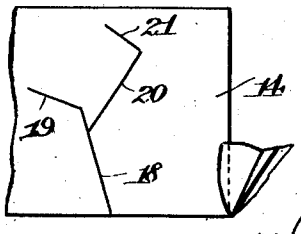
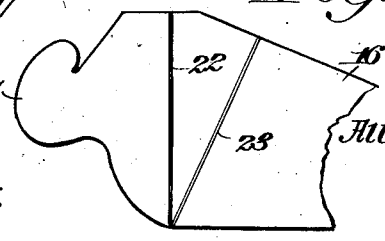


Fig. 7.



WITNESSES:

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INVENTOR.

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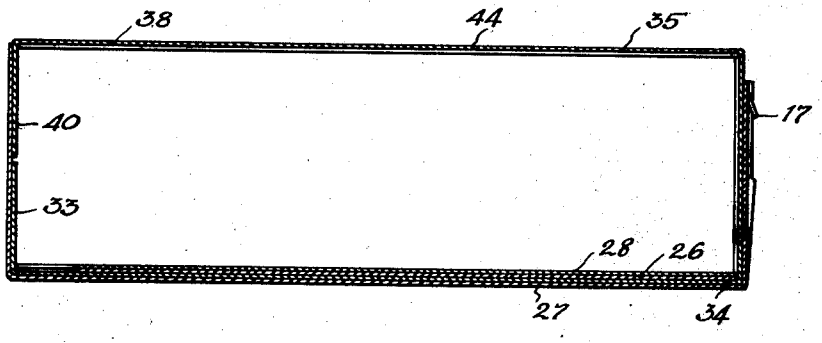
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DISPLAY CONTAINER

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Fig. 8.



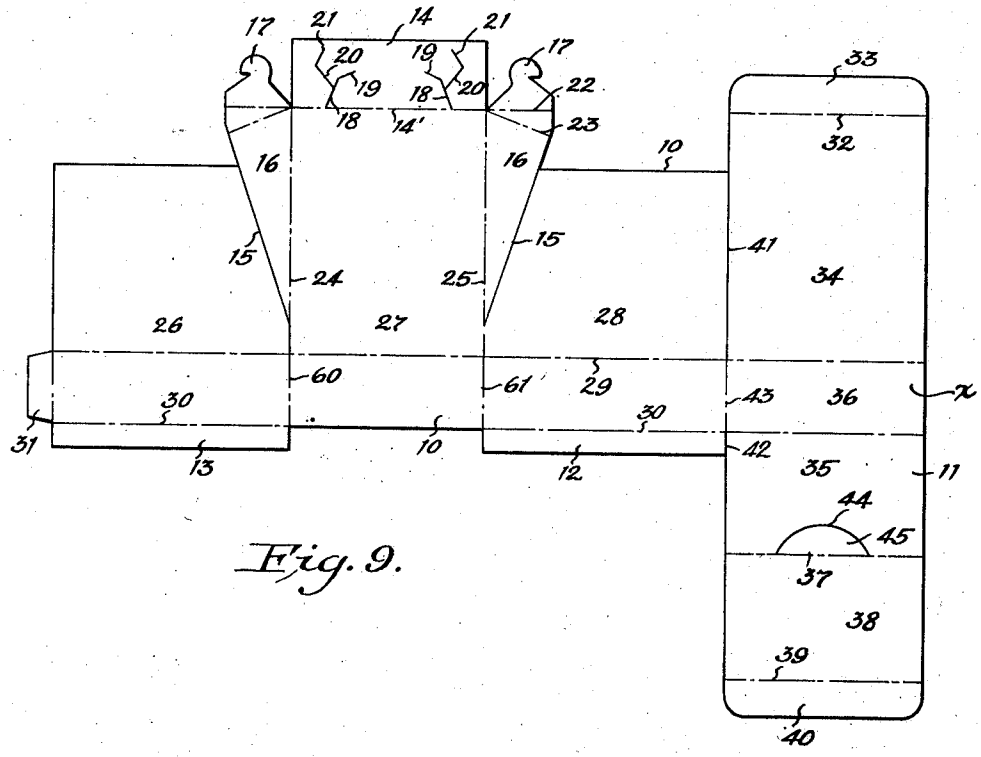


Fig. 9.

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Patented Mar. 2, 1926. 1,575,467

UNITED STATES PATENT OFFICE.

ALBERT MILLER VAN WAGENEN, JR., OF NORWICH, CONNECTICUT.

DISPLAY CONTAINER.

Application filed October 20, 1924. Serial No. 744,724.

To all whom it may concern:

Be it known that I, ALBERT M. VAN WAGENEN, Jr., a citizen of the United States, and a resident of Norwich, in the county of New London and State of Connecticut, have invented a new and Improved Display Container, of which the following is a full, clear, and exact description.

The present invention relates to new and useful improvements in receptacles, and it pertains more particularly to a display container for packing confectionery, medicines and similar commodities.

It is one of the primary objects of the invention to provide a display container which when opened may be positioned so that it will display its contents.

It is a further object of the invention to construct the display container in such a manner that the portion thereof which forms the cover may be folded to display reading matter of an advertising nature.

It is a further object of the invention to construct the display container in such a manner that it is formed from a single piece of material.

With the above and other objects in view, reference is had to the accompanying drawings, in which—

Figure 1 is a perspective view of the improved display container in its closed position;

Figure 2 is a perspective view showing the display container in display position;

Figure 3 is a detail perspective view of one of the rear corners of the display container when in the display position;

Figure 4 is a detail sectional view showing the rear of the display container;

Figure 5 is a detail sectional view taken on the line 5—5 of Figure 2;

Figure 6 is a detail view in elevation showing the rear wall of the display container and one of the slots which is cut therein;

Figure 7 is a detail view in elevation showing the rear end of one of the side walls of the display container and illustrating the tongue thereof and the scored lines of fold formed therein;

Figure 8 is a longitudinal sectional view of the display container taken on the line 8—8 of Figure 1;

Figure 9 is a plan view of the blank from which the display container is formed.

Referring more specifically to the drawings, a single piece of cardboard or other suitable material is cut to provide the blank, and after said blank has been cut it is scored in order that the blank may be properly folded to form the display container. In cutting the blank, the material is shaped with two substantially right-angularly disposed sections 10 and 11. The section 10 is provided with two projecting portions 12 and 13 on one of its sides, and upon its opposite side, interposed with respect to the portions 12 and 13, there is a projecting portion 14. This section of the blank is cut along angular lines 15 to provide areas 16, each of which has a projecting tongue 17. The portion 14 is likewise provided with slots, each of which comprises an angularly disposed section 18 terminating in an angular section 19, and branching from the section 18 there is a slot 20 terminating in an angular section 21, the purpose of these slots being hereinafter more specifically set forth.

The sections 16 are scored, as at 22 and 23, for a purpose to be hereinafter more specifically mentioned.

The section 10 is divided by means of two lines of scoring 24 and 25, into three areas 26, 27 and 28. The section 10 is also scored, as at 29 and 30, in parallel lines. It will also be noted that the section 10 is provided with a tongue 31, the length of which is equal to the space between the parallel scorings 29 and 30 heretofore mentioned.

The section 11 is scored as at 32, to provide an area 33. The scoring 29 heretofore mentioned extends transversely of the section 11 to provide an area 34, and the scoring 30 heretofore mentioned extends transversely of the section 11 to provide an area 35. This construction provides an area 36 between the areas 34 and 35, which area 36 is of a width equal to the distance between the score lines 29 and 30 heretofore mentioned. The section 11 is further scored, as at 37, to provide an area 38, and again as at 39, to provide an area 40.

The blank is now cut, as at 41 and 42, to permit of a folding of the section 34 inwardly of the section 10, the section 11 being permanently connected to the section 10, however, by a line of scoring 43. The area 35 is cut in a circular line, as designated by the reference numeral 44, which pro-

vides a semi-circular area 45, which is adapted to stand vertically when the section 11 is folded upon the scored line 37.

In folding the blank to make the display container, the following operations are carried out:

With the blank lying flat, the area 14 is bent upwardly upon the score line 14'. After this has been done, the areas 16 are bent upwardly upon the score lines 24 and 25. The tongues 17 are then bent inwardly and are engaged with the portions 20 and 21 of their respective slots in order that the areas 16 and the section 14 may be retained in vertical position. The two sections 12 and 13 are then bent upwardly upon the score lines so that they occupy a vertical position, as are also the sections 31, 33 and 40. The blank is now bent upon the score lines 60, 61 and 43 until the tongue 31 occupies a position at X in Figure 9, and such tongue is glued or otherwise secured at this point to retain the blank in substantially rectangular form. The two sections 26 and 28 are now bent inwardly into overlapped relation and the section 34 is folded upon the score line 29 with its section 33 positioned within the box, after which the rectangular form is folded on to the section 27 between the sections 16.

The container now has the appearance shown in Figure 2, with the sections 12 and 13 forming marginal flanges for the container opening to retain the contents thereof in place therein. The cover sections 35 and 38 are now moved over the container with their section 40 lying parallel to the end of the container opposite to that to which the cover is attached, as shown in Figure 8.

The container is received with the contents therein in the position just described. When it is desired to display the contents of the container, the cover is removed and folded upon the score line 37, which causes the semicircular area 35 to stand vertically as shown in Figure 2, the section 40 of the cover being inserted between the flanges 12 and 13 and the rear wall of the container, as shown in Figures 2 and 5. After this has been done, the container is lifted from between the sections 16, and the tongues 17 are disengaged with respect to the sections 20 and 21 of the slots heretofore mentioned, and engaged with the portion 19 of their respective slots. This causes a folding of the sections 16 upon the score lines 23, which pulls the section 14 inwardly to a position beneath the container, as shown in Figure 3, for the purpose of supporting the container in inclined position in order that the contents thereof may be advantageously displayed for the purpose of sale.

By the construction employed, it is apparent that a strong, sturdy container is provided, since the several sections are interlocked to provide strength, and the bottom comprises three sections in order to support the contents of the container without danger of the bottom bursting through.

From the foregoing, it is apparent that the invention provides a display container which will serve the purpose of carrying candies and the like during transportation, and, at the same time, serve to support its contents in display position.

What is claimed is:

1. A display container comprising a receptacle, means for supporting said receptacle in an inclined display position as its supporting position, and for embracing said receptacle as its non-supporting position, said means comprising a supporting base having a plurality of side walls and an end wall, a tongue on each side wall, each side wall being scored at different points to provide fold lines upon which the side wall is foldable, the end wall having a pair of slots related to each tongue, each tongue being engageable in one of its pair of slots when its side wall is folded on one of the fold lines to maintain the end wall disposed so as to bring the upper edge thereof beneath the receptacle for supporting the receptacle in the inclined position, each tongue also being engageable in the other slot of its pair of slots when the side wall is folded on the other of the fold lines to maintain the end wall in a non-supporting receptacle embracing position.

2. In combination with a container, means for supporting the container in display position, said means comprising a base member having side walls and one end wall, a tongue associated with each of said side walls, a plurality of slots in each end of said end wall, said slots being adapted to receive the tongues of their respective side walls to provide a body-receiving means, and means for moving the end wall of the base member to an angular position beneath the body to support the same in inclined display position, said means comprising a plurality of slots formed in the end wall of the supporting base member and adapted to receive the tongues at a point spaced from and in a lower plane with respect to the first-mentioned slots.

3. In a container, means for supporting the container in display position, said means comprising a base member, side walls carried by the base member, an end wall carried by the base member, a score line in each of said side walls and at a right angle with respect to the edge thereof attached to the base member, whereby the side walls and end wall may be secured together in right-angular relation, and a second score line adjacent each of the first-mentioned score lines and angularly disposed with respect thereto, whereby the end wall may be caused

to assume a position at an acute angle to the base member, as and for the purpose set forth.

4. In combination with a container, means for supporting the container in display position, said means comprising a base member formed integral with the container, side walls formed integral with said base member, an end wall formed integral with said base member, separable interlocking means for maintaining the end wall and the side walls in right-angular relation to receive the container, and means for changing the position of the end wall with respect to the side walls, whereby the end wall will be disposed at a point beneath the container to support the same in display position.

ALBERT MILLER VAN WAGENEN, Jr.