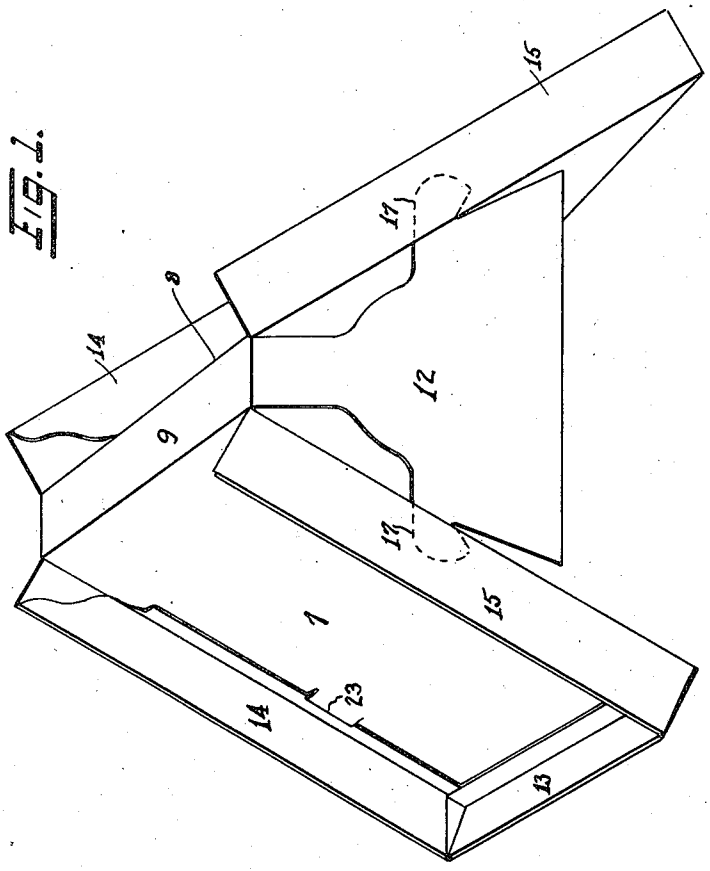
May 15, 1923. 1,454,860

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DISPLAY DISPENSER

Filed July 1, 1920 3 Sheets-Sheet 1

Fig. 1.



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DISPLAY DISPENSER

Filed July 1, 1920 3 Sheets-Sheet 2

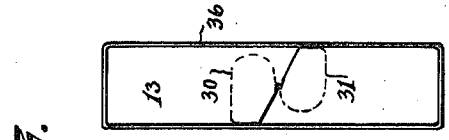


Fig. 3.

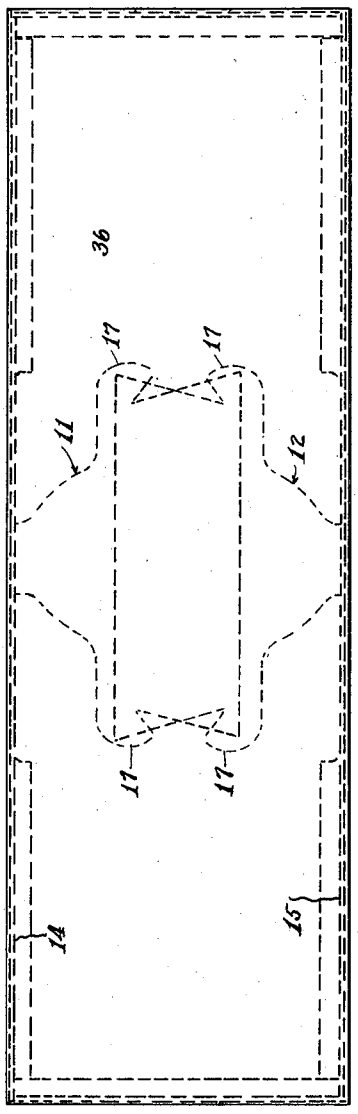


Fig. 2.



Fig. 5.

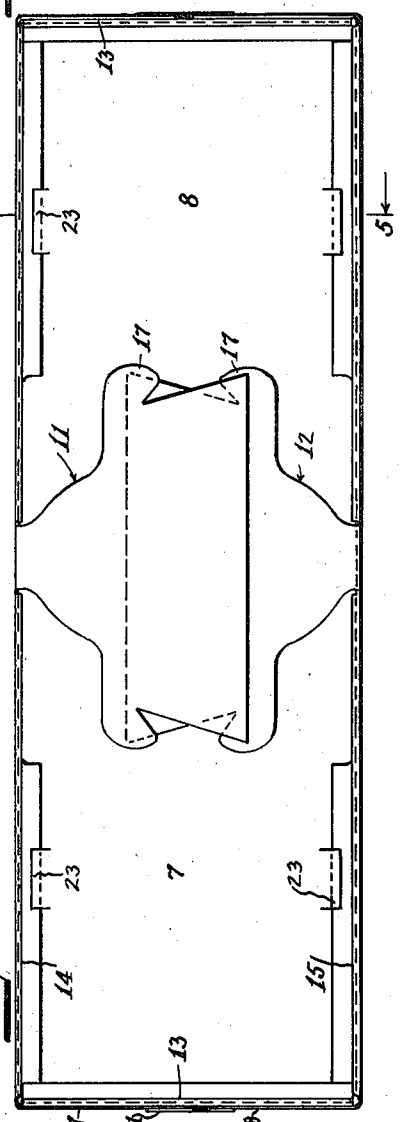


Fig. 4.

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DISPLAY DISPENSER

Filed July 1, 1920 3 Sheets-Sheet 3

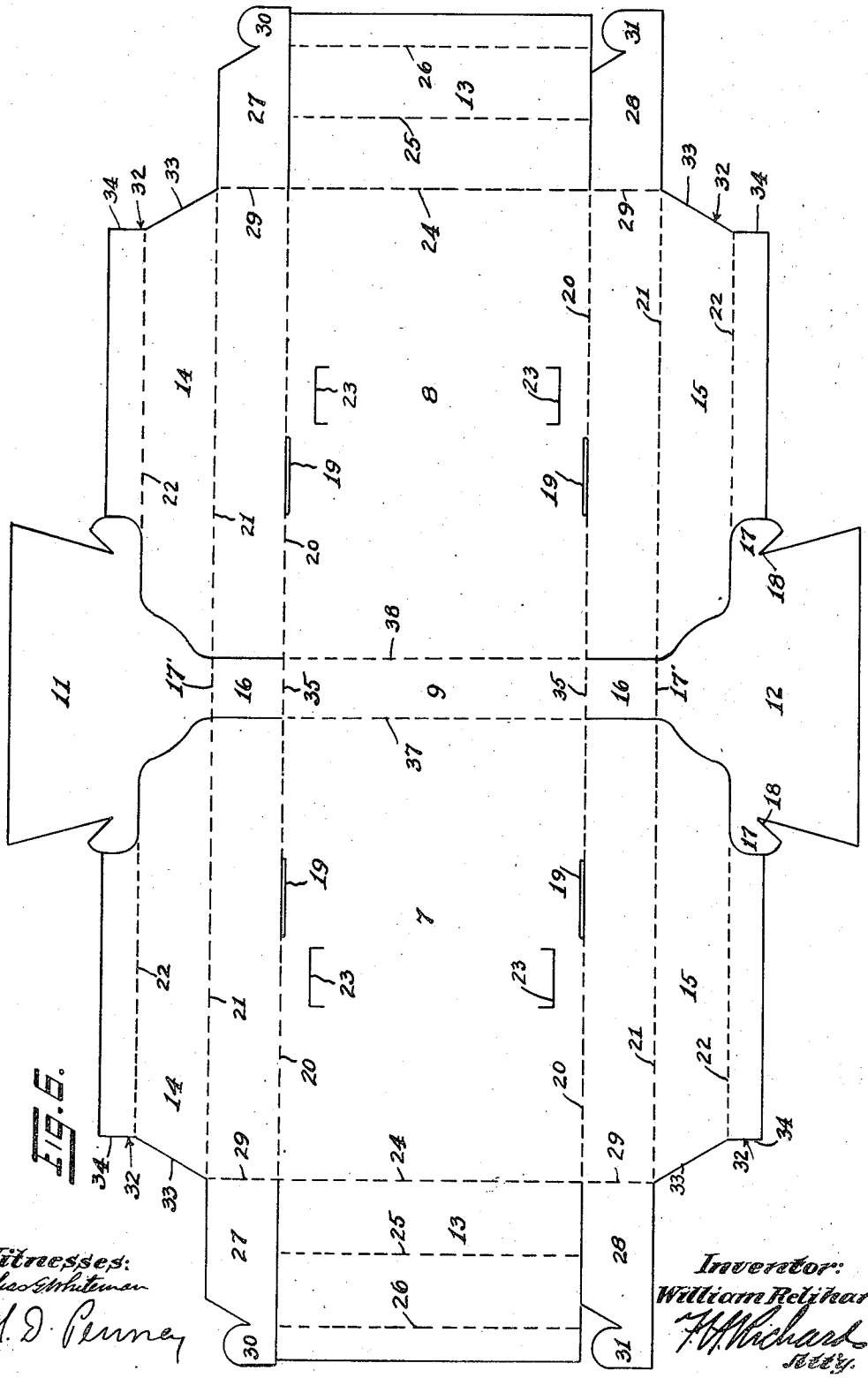


FIG. 6.

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UNITED STATES PATENT OFFICE.

WILLIAM RELIHAN, OF BROOKLYN, NEW YORK, ASSIGNOR TO ROBERT GAIR COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

DISPLAY DISPENSER.

Application filed July 1, 1920. Serial No. 393,327.

To all whom it may concern:

Be it known that I, WILLIAM RELIHAN, a citizen of the United States, residing in Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Display Dispensers, of which the following is a specification.

This invention relates to improvements in display containers of semi-easel type and from which the goods are dispensed to the purchaser.

One of the objects of the device is to provide a container made from a single flat sheet and of such assembly construction as will permit of the majority of the blanking, cutting and scoring operations to be performed in a minimum number of handlings and preferably in a single operation without the rehandling of the blank therefor.

Another important advance is the provision of a display dispenser which may be held in substantially rectangular container form of a contour best suited to the needs of the goods which are displayed and dispensed therefrom, holding them in easy dispensing position, and the container being constructed in a rigid, non-collapsible manner without the use of glue in making up any of the joints thereon.

Another object of the device is that it may be shipped knocked-down and quickly and easily assembled without the use of special machinery.

The invention further contemplates the provision of a container which is adapted to assume a substantially rectangular form to be enclosed in a rectangular casing, and which container, when removed from the casing, is ready to be folded into display or easel position with the goods contained therein, or not, as desired.

The invention still further contemplates the production of a display container from a blank which can be cut with a minimum loss of material.

Another advantage of this device is that, owing to the fact that it is intended to be a display dispenser, it is desirous that all of the display surfaces carry sufficient area to permit of the provision of plenty of space for advertising purposes and preferably in the present instance, all such surfaces should be arranged in a single plane thus creating a great deal of economy in the manufacture of the container itself.

Obviously enough, great economy in the present instance consists in simplifying the creating of the blank for carton purposes and so constructing the same as to permit such operation to be performed preferably by a single operation, and also presenting the display surfaces in a single plane so that they may be printed on such surfaces in such a manner that when the blank is folded into display container form, all such display surfaces are simultaneously presented to the vision.

These and other features, capabilities and advantages of the invention will appear from the subjoined detail description of one specific embodiment thereof, illustrated in the accompanying drawings, in which—

Figure 1 is a perspective showing the container set up in display position;

Fig. 2 is a plan view of the container enclosed in a casing ready for shipment;

Fig. 3 is an end view of the container enclosed in a casing;

Fig. 4 is a plan of the container ready to be packed into a casing;

Fig. 5 is an enlarged fragmental section on the line 5—5 of Fig. 4; and

Fig. 6 is a plan of a blank before being folded.

The display container, when folded, comprises essentially two container sections 7 and 8, an intermediate connecting member 9, and locking members 11 and 12 extending down from the connecting member 9 and interlocking with the sections 7 and 8 to lock the display container in upright display position, as shown in Fig. 1. The sections 7 and 8 each have an end wall 13 and two side walls 14 and 15, the adjacent ends of the sections 7 and 8 not being provided with walls, thereby facilitating the draping of goods over the connecting member 9 with the ends of the goods suspended in the sections 7 and 8. The locking members 11 and 12 are substantially triangular and extensive in surface area to afford adequate space for advertising purposes and the like. The locking members 11 and 12 are furthermore provided with neck portions 16 of preferably the height of the walls 14 and 15, and scored along the lines 17 shown in Fig. 6, to facilitate folding the

locking members 11 and 12 over the goods, as shown in Fig. 4, with the neck portion 16 in alinement with the walls 14 and 15. For securing the locking members 11 and 12 to the container sections 7 and 8, each locking member is provided with lateral tongues 17 notched at 18 to extend into the cuts 19 shown in Fig. 6, and thereby securely anchor the sections 7 and 8 in place at an angle relative to one another, as shown in Fig. 1. The neck portions 16 are defined from the connecting member 9 by the scorings 35.

The blank, as shown in Fig. 6, is provided with parallel scorings 20, 21 and 22, the cuts 19, and scorings 35, as shown being preferably in alinement with the scorings 20. Each of the sections of the blank is furthermore provided with two three-sided cuts 23 forming locking tongues. The scorings 20, 21 and 22 and cuts 23 will cooperate to produce the walls 14 and 15. The width of the portions of the walls 14 and 15 included between their outer edges and the scorings 22 is commensurate with the distance the cuts 23 are spaced from the scorings 20. Each of the sections of the blank is furthermore provided with parallel scorings 24, 25 and 26, which cooperate to form the end walls 13. Each of the sections 7 and 8 is also provided with two arms 27 and 28, which in the blank illustrated in Fig. 6, appear as continuations of the portions included between the scorings 20 and 21. The scorings 29 at right angles to the scorings 20 and 21 define the arms 27 and 28 from the aforesaid included portions and also define the location along which the arms are to be folded. The ends of the arms 27 and 28 are provided with cooperating locking tongues 30 and 31. The portions forming the walls 14 and 15 are slightly recessed at their ends as indicated at 32, the edges 33 of the portions included between the scorings 22 and 21 being inclined relative to the scorings 24 and terminating in short edges 34 substantially parallel to the scorings 24, the distance the edges 34 are offset relative to the scorings 24 being slightly less than the width of the portions of the end walls 13 included between their outer edges and the scorings 26.

The aforementioned blank is preferably blanked, scored and cut, as described, in one operation. For folding the sections 7 and 8 into container position, it is first desirable to form the walls 14 and 15, which is accomplished by folding inwardly along the scorings 20 and 21 and outwardly along the scorings 22 with the portions included between the scorings 21 and 22 forming the inner lining of such walls. Thereupon the portions included between the outer edges of the walls and the scorings 22 are slipped under the tongues formed by the cuts 23, as shown in Figs. 4 and 5. The walls 14 and 15 are now in position.

Thereupon the end walls 13 are folded inwardly along the scorings 24 and 25 and outwardly along the scorings 26 so that the portions included between the scorings 25 and 26 will form the inner lining of the end walls 13 and the portions included between the outer edge of the blank and the scorings 26 will be retained between the inner side of the side walls 14 and 15, as shown in Figs. 1 and 4. Then the arms 27 and 28 are folded along the scorings 29 to lie along the outside of the walls 13 where their tongues 30 interlock to properly secure the walls 14, 15 and 13 in position and relative to one another.

When it is desired to ship the container with goods contained therein, the sections 7 and 8 are stretched out as shown in Fig. 4, the goods packed therein and the locking members 11 and 12 folded along the scorings 35 and 17′ to lie over the goods, as shown in Fig. 4. A suitable rectangular casing 36, preferably composed of cardboard or the like, similar to the composition of the container itself, may then be slipped over the entire container, goods and all, thereby locking the sections in their stretched-out position, as shown in Fig. 2, ready for shipment.

When it is desired to set up the container for display purposes, it is only necessary to fold the container along the scorings 37 and 38 defining the connecting member 9 to assume the position shown in Fig. 1, then fold the locking members 11 and 12 down and slip the tongues 17 into the cuts 19, the tongues 17 in such position extending between portions of the walls 14 and 15, being concealed thereby (see Fig. 1).

It is obvious that various changes and modifications may be made to the details of construction without departing from the general spirit or scope of the invention.

I claim:

1. A container comprising two container portions, each portion having an open end, the open ends being adjacent to each other, means for connecting the container portions at their open ends and permitting positioning of the container portions in back to back inclined relation for displaying the contents thereof, and means connected to said means for connecting the container portions for supporting the container portions in position for display.

2. A container comprising two container portions, each portion having an open end, the open ends being adjacent to each other, means for providing hinged connection between the container portions at their open ends and permitting positioning of the container portions in back to back inclined relation for displaying the contents thereof,

and free-hanging means connected to said means for connecting the container portions for supporting the container portions in position for display.

3. A container comprising two container portions, each portion having an open end, the open ends being adjacent to each other, means for connecting the container portions at their open ends and spacing them apart and permitting movement of the container portions to extended alined relation for receiving goods and permitting positioning of the container portions in back to back inclined relation for displaying the contents thereof, there being spaces intervening between the ends of the sides of the container portions when said portions are in extended alined relation, and means for providing connecting sides at said intervening spaces for the container portions when said portions are in extended alined relation and for supporting the container portions when in display position.

4. A container comprising two container portions, each portion having an open end, the open ends being adjacent to each other, means for connecting the container portions at their open ends and spacing them apart and permitting movement of the container portions to extended alined relation for receiving goods and permitting positioning of the container portions in back to back inclined relation for displaying the contents thereof, there being spaces intervening between the ends of the sides of the container portions when said portions are in extended alined relation, and means connected to said means for connecting and spacing for providing connecting sides at said intervening spaces for the container portions when said portions are in extended alined relation and for supporting the container portions when in display position.

5. A display container comprising two container portions each portion having a bottom, an end wall and side walls and being open at the end opposite to the end wall, a connecting member between the open ends of the container portions forming a connecting bottom portion between the container portions and permitting extension of said portions in alined goods-receiving relation, and locking members each having a substantially triangular portion and a neck portion connected to one end of said connecting member, the triangular portions of the locking members being positionable between the side walls of the container portions over the goods in the container portions when said portions are in extended relation, the neck portions of the locking members when the same are so positioned providing connecting side walls for the container portions at the ends of said connecting member.

6. A display container comprising two container portions, each portion having a bottom, an end wall and side walls and being open at the end opposite to the end wall, a connecting member forming a connecting bottom portion between the container portions and permitting movement of said portions to back-to-back inclined display relation, and locking members each having a substantially triangular portion and a neck portion connected to one end of said connecting member, the locking members being positionable between the container portions when they are in inclined display relation for providing spacing braces for the container portions.

7. A display container comprising two container portions, each portion having a bottom, an end wall and side walls and being open at the end opposite to the end wall, there being oppositely disposed cuts in the bottom adjacent to the side walls, a connecting strip between the container portions forming a connecting bottom portion between the container portions and permitting movement of said portions to back-to-back inclined display relation, and locking members each having a substantially triangular portion and a neck connected to one end of said connecting strip, the triangular portion being provided with lock-ends, the locking members being positionable between the container portions when they are in inclined display relation, said lock-ends of the triangular portions engaging said bottom cuts, for providing spacing braces for the container portions.

8. A display container having two container sections, walls on three sides of each container section, an intermediate connecting member between said container sections, locking arms extending from said connecting member, and tongues on said locking arms, there being cuts in said container sections for receiving said tongues to anchor said container sections at an angle to one another.

9. A display container embracing a container section having parallel scorings along its sides along which the sections may be folded to form side walls, there being upstruck tongues adjacent to the side walls when completed to receive portions of the side walls to anchor the side walls in position, there being parallel scorings along the end of the container section along which the section may be folded to form an end wall, and arms extending from the side walls and having locking tongues at their ends to interlock with one another on the outside of the end wall to anchor the side walls and end wall in position and relative to one another.

10. A blank provided with scorings and cuts for forming by folding the blank on the scorings and cuts a display container

comprising two container sections, each section having a bottom, outer and inner side walls and an outer and inner wall at one end; a connecting strip between the unwalled ends of the container sections; and locking members at each end of said strip.

11. A blank provided with scorings and cuts for forming by folding the blank on the scorings and cuts a display container comprising two container sections, each section having a bottom, outer and inner side walls and an outer and inner wall at one end; a strip between the unwalled ends of the container sections forming a connection of the bottoms of the sections; locking members at each end of said strips; and locking arms forming a continuation of said outer side walls and interlockable with each other on the exterior of said outer end walls.

12. A blank provided with scorings and cuts for forming by folding the blank on the scorings and cuts a display container comprising two container sections, each section having a bottom provided with oppositely disposed longitudinal cuts and oppositely disposed tongue cuts therein, outer and inner side walls, the inner side walls having edge extensions, and an outer and inner wall at one end, the inner end wall having an edge extension; a strip between the unwalled ends of the container sections forming a connection of the bottoms of the sections; locking arms at each end of said strip, the locking arms having substantially triangular portions and neck portions, the triangular portions being provided with lock-ends; and locking arms forming a continuation of said outer side walls and interlockable with each other on the exterior of said outer end walls; said edge extensions of the inner end walls being engageable with the bottoms of the container sections between the side walls of the sections, and said edge extensions of the inner side walls being engageable with the bottoms of the container sections and under said tongue cuts; said locking members being at one time positionable for providing connection of the outer side walls of the container sections at the ends of said connecting strip, and being at another time positionable for engaging the lock-ends of the locking members with said longitudinal bottom cuts of the container sections.

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