April 24, 1928. 1,667,376

E. W. FEHRENKAMP

DISPLAY CONTAINER

Filed July 8, 1926 2 Sheets-Sheet 1

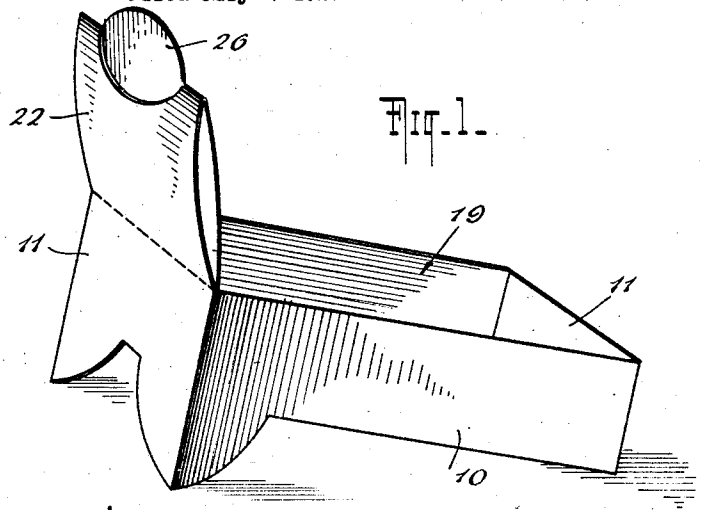


Fig. 1.

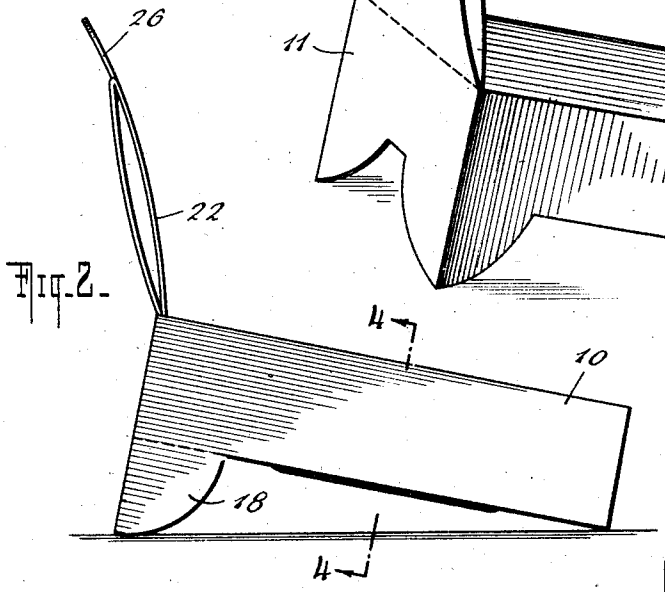


Fig. 2.

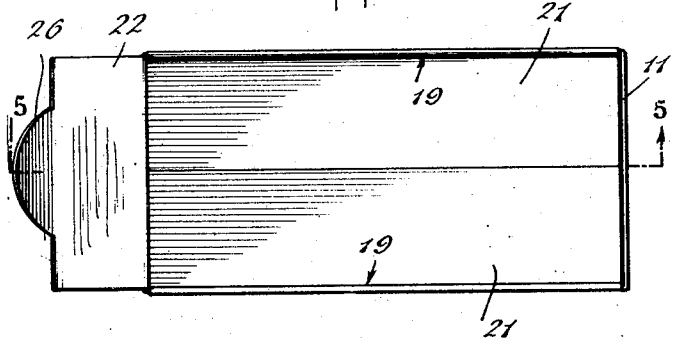


Fig. 3.

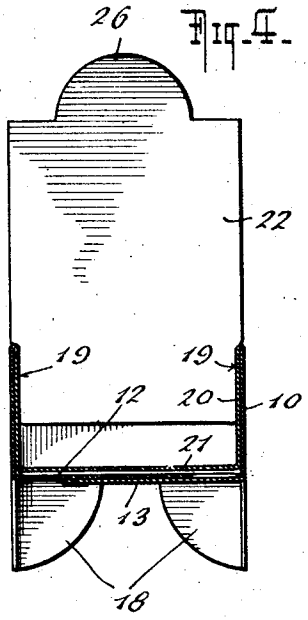


Fig. 4.

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Fig. 5.

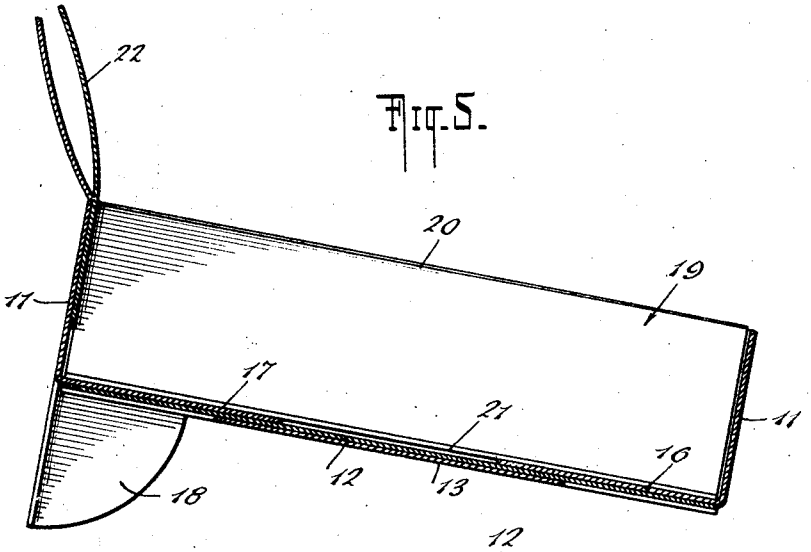
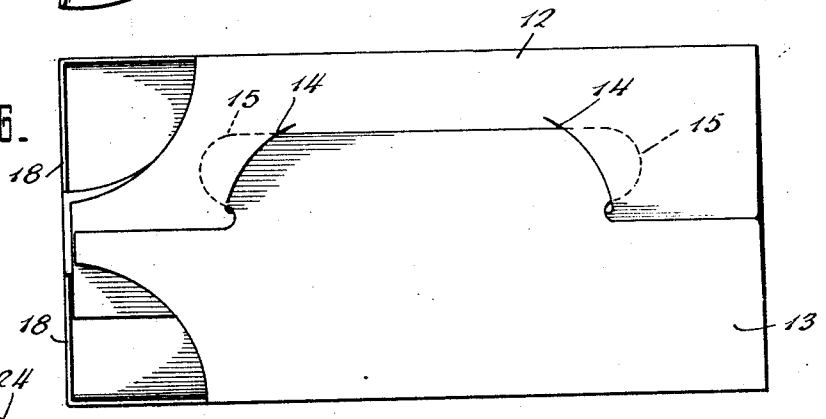


Fig. 6.



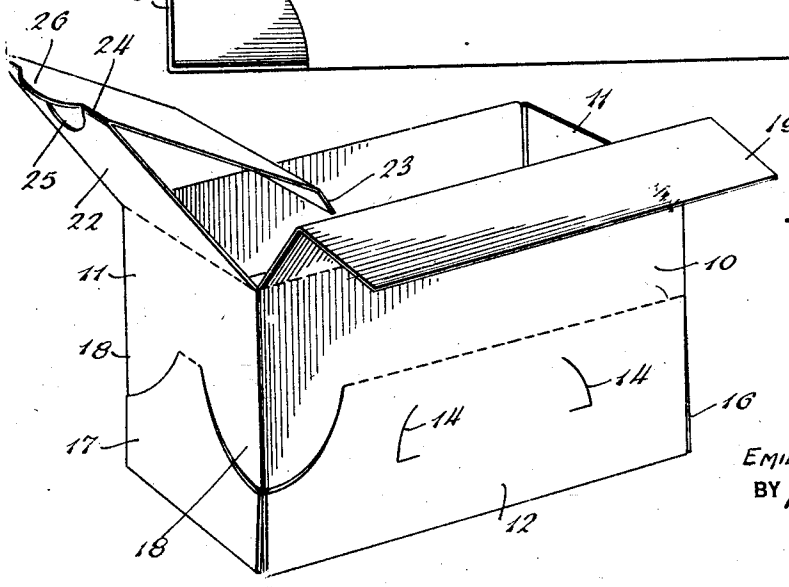


Fig. 7.

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UNITED STATES PATENT OFFICE.

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DISPLAY CONTAINER.

Application filed July 8, 1926. Serial No. 121,073.

This invention relates to improvements in folding boxes, and has particular reference to a display container.

An object of the invention is to provide a container which may be formed from a single sheet of material and scored in such manner that the container may be folded into a flat condition when not in use and be readily and quickly set up for the reception of articles to be displayed.

Another object is to cut the blank from which the container is made in a novel manner so that the body thereof at one of its ends is provided with depending supporting members which enable the container, when set up, to be placed upon a counter or other support in an inclined position to enable the contents thereof to be readily discernible to prospective purchasers.

A further object is to provide the body of the container with bottom sections which form extensions of the sides of said body and which, together with said sides, are reinforced, when the container is in a set-up condition, by flaps also extending from said sides.

The above and other objects will appear more clearly from the following detail description, when taken in connection with the accompanying drawings, which illustrate a preferred embodiment of the inventive idea.

In the drawings—

Figure 1 is a perspective view of the container in its set-up condition;

Figure 2 is a side elevaton thereof;

Figure 3 is a top plan view;

Figure 4 is a transverse section on the line 4—4 of Figure 2;

Figure 5 is a longitudinal section on the line 5—5 of Figure 3;

Figure 6 is a bottom plan view; and

Figure 7 is a perspective view showing the container in a partially set-up position.

The container, which may be made of any desired material, is formed from a single sheet of such material to provide a rectangular body including the sides 10 and ends 11. The material is scored along the bottom edges of the sides 10 to define the bottom sections 12 and 13 which are foldable inwardly to constitute the bottom of the container, the section 12 being cut to provide slots 14 which receive the tongues 15 formed on the section 13 so as to interlock said sections in their operative positions. The ends 11 of the body are also scored along their bottom edges to form the front and rear end flaps 16 and 17, respectively, which are first folded inwardly, as best illustrated in Figure 5, before interlocking the bottom sections 12 and 13 thereunder.

The material of which the container is formed is cut at the rear ends of the bottom sections 12 and 13 and at the flap 17 to form the angular supporting members 18 which depend from the body of the container at the rear end thereof so that when the container is set up for use said members 18 will engage a supporting surface to maintain the container in a forwardly inclined position so as to readily display the contents thereof.

In order to adequately reinforce the body and thereby lend rigidity thereto the sides 10 of the body have extending from their upper edges the side flaps 19 which are designed to be folded into the body, as clearly illustrated in Figure 4, with a portion 20 of each flap folded against the adjacent side 10 of the body and extending for substantially the entire depth thereof. Intermediate the longitudinal edges of each flap 19 the same is scored to define a second portion 21 adapted to engage and lay upon the end flaps 16 and 17. The width of each portion 21 of the side flaps is such that when said portions are disposed within the body, as shown in Figure 4, the free longitudinal edges of said portions will abut each other and thus permit said portions to be disposed in the same plane with the portions 20 of the flaps held against the sides 10 of the body to thus reinforce the same.

The container is further provided with a top section 22 extending from the upper edge of the rear end 11 of the body and said top section is of such length that, if desired, the free extremity thereof may be bent to provide a tongue 23 which may be inserted between the front end 11 of the body and the adjacent transverse edges of the portions 20 of the side flaps 19 to thereby close the container. When the container is opened for display purposes the top section 22 is bent transversely, as indicated at 24, so that said section may be folded upon itself and the free extremity 23 thereof inserted between the rear end 11 of the body and the adjacent transverse edges of the portions 20, as best shown in Figure 5. When in this position the folded top section will extend upwardly

from the body and any suitable advertising indicia may be printed thereon if desired. The top section 22 adjacent its folding line is also cut, as indicated at 25, to form a substantially semi-circular portion 26 which may be utilized as a price marker, as indicated in Figure 4.

What is claimed is:

A foldable display container the material of which is scored to provide a body including sides and ends, bottom sections extending from the lower edges of said sides and having cooperating means for interlocking the same, bottom flaps extending from said ends and foldable inwardly into superimposed relation to said bottom sections with one of said flaps cut to provide supporting members depending from one end of the container to support the body in an inclined position, said bottom sections and bottom flaps combining to form the bottom of the container, and side flaps extending from the sides of said body and each having a portion engageable with one of said sides and another portion engageable with the bottom formed by said bottom flaps and sections to reinforce the same, the combined widths of the latter portions of said side flaps being substantially equal to the distance between the sides of said body with the free longitudinal edges of said latter portions in abutting relation to each other whereby said other portions will be disposed in the same plane with each other and in engagement with said bottom flaps.

In testimony whereof I have affixed my signature.

EMIL WILLIAM FEHRENKAMP.