

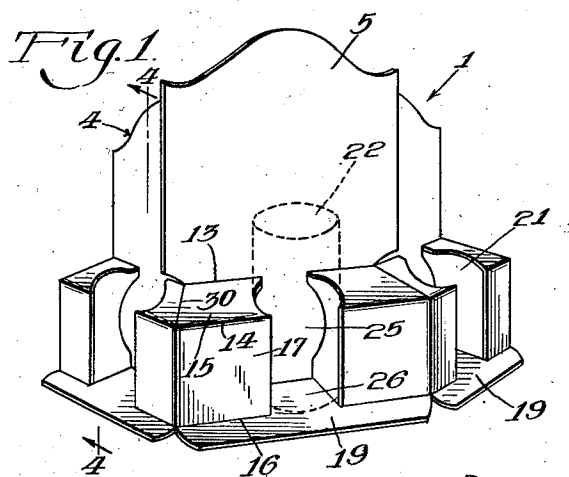
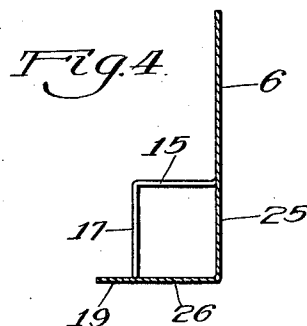
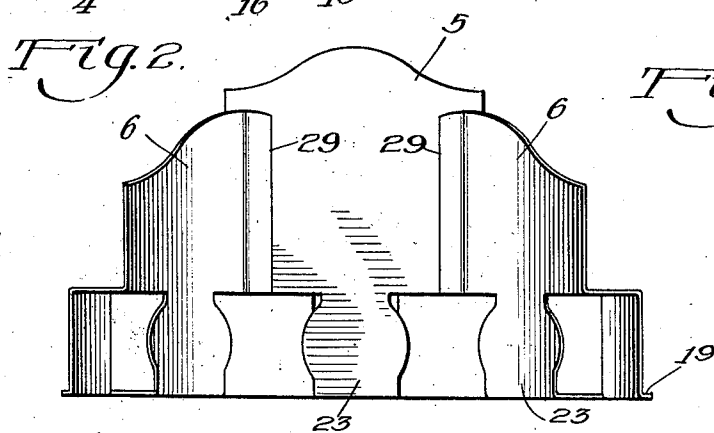
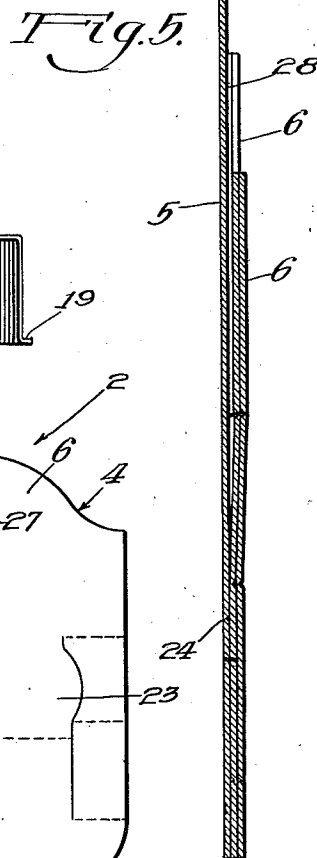
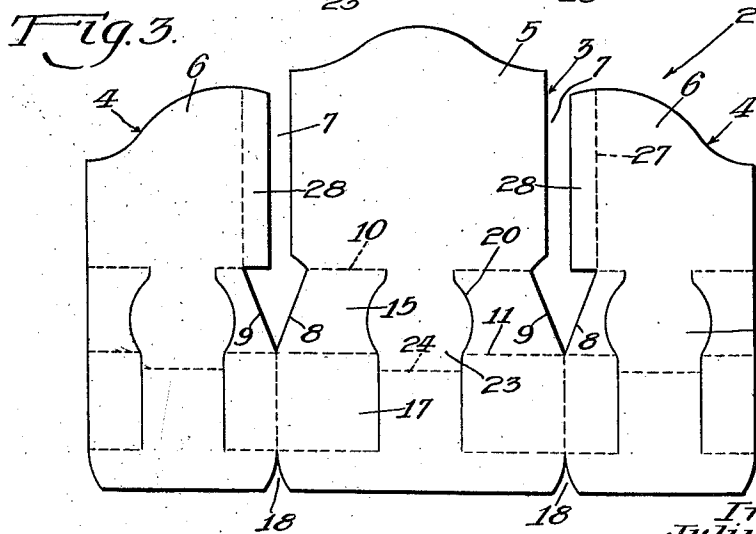
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SELF SUPPORTED DISPLAY DEVICE

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UNITED STATES PATENT OFFICE

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SELF-SUPPORTED DISPLAY DEVICE

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This invention relates to improvements in display devices and refers specifically to the provision of a self-supported display device which may be utilized as a setting or back-ground for the exhibition of a plurality of containers.

The utility, object and advantages of the present invention will be apparent from the accompanying drawing and following detail description.

In the drawing, Fig. 1 is a perspective front view of the display device in display position.

Fig. 2 is a rear elevational view of the device shown in Fig. 1.

Fig. 3 is a development of the display device.

Fig. 4 is a sectional view taken on the line 4-4 of Fig. 1.

Fig. 5 is a sectional view of the device in folded position.

Referring in detail to the drawing, 1 indicates a display device which may be formed from a suitable blank 2 of cardboard, fibrous board, celluloid, sheet metal or the like. The blank 2 may be so cut as to form three sections, a central section 3 and two end sections 4, the upper portion of the central section may comprise a display panel 5 and similarly the upper portions of the end sections 4 may comprise display panels 6. The panel 5 may be separated from the panel 6 by slots or notches 7 formed in the material of the blank, the lower ends of notches 7 being defined by angularly inclined lines of incision 8 and 9.

The panels 5 and 6 of the blank 2 may be separated from the remaining portion of the blank by horizontal score line 10 which may be provided upon the rear face of the blank. A second horizontal score line 11 may be spaced downwardly from the line 10 and may be parallel thereto, said score line being provided upon the front face of the blank 2. A third score line 12 may be spaced from the score line 11 and may be parallel to both lines 10 and 11, said latter score line 12 being provided upon the back face of the blank 2.

When in display position, the blank is adapted to be folded along the score line 10 thereby providing fold line 13. In a similar

manner the blank may be adapted to be folded along the score line 11 providing fold line 14. Included between the fold lines 13 and 14 is a horizontal platform 15, hence fold line 13 forms the line of intersection of the plane of the rear panels 5 and 6 and the platforms 15. The blank may be folded along score line 12 as indicated at 16 in Fig. 1. Included between the fold line 14 and fold lines 16 are front panels 17, consequently it can be readily seen that the fold lines 14 serve as the lines of intersection between the platforms 15 and front panels 17. The lower edge of the blank 2 may be notched as shown best at 18 in Fig. 3, thereby providing outwardly extending flanges 19, the fold lines 16 serving as lines of intersection between the front panels 17 and the flanges 19.

Each of the sections 3 and 4 may be provided with lines of incision 20 which may define when the display device is in display position apertures 21 adapted for the reception of a container or the like 22. The material included between the lines of incision 20, that is, the strips 23 may be provided with scores 24 cut upon the rear face of the blank 2. When in display position the strips 23 may be folded along the lines 24, said fold lines dividing the strips into portions 25 and 26, the former being in the same plane as the panels 5 and 6 and the latter being in the plane of the flanges 19.

The edges of the upper side panels 6 adjacent the slots or notches 7, may be provided with vertical score lines 27 cut upon the front face of the blank 2. When in display position the score lines 27 are adapted to facilitate the folding of the edge pieces 28 at an angle to the face of the panels 6. The edge pieces 28 may be adhesively united to the rear face of the central display panel 5 as shown best at 29 in Fig. 2.

In setting up the device the blank 2 may be folded along the score line 10 until the platforms 15 lie in a plane substantially at right angles to the planes of the central panel 5 and the end panel 6. Simultaneously the front panels 17 are so folded along the score lines 11 as to permit the disposal of said front panel in a plane substantially at right angles

to the planes of the platform 15, consequently the planes of the front panels 17 are respectively parallel to the planes of the rear display panels 5 and 6. The members 23 may be so folded as to position the upper portions thereof in planes substantially parallel to the planes of the central panel 5 and the end panels 6, whereas the lower portions of said strips 23 may be disposed in planes substantially at right angles to the upper portions thereof. In this manner apertures 21 are provided, being defined by the lines of incision 20, the base flanges 19 being disposed in substantially the same plane as the planes of the lower members 26. The edge pieces 28 may be adhesively united to the rear face of the central panel 5 at such positions thereon as to permit the lines 8 and 9 defining the adjacent edges of the lower portions of the notches 7 to be brought into contiguous relationship as shown best at 30 in Fig. 1.

The device with the edge pieces 29 adhesively united to the rear face of the central panel 5 may be folded so as to occupy a position wherein the end sections 4 will be disposed adjacent the rear face of the central section 3, a sectional view of the device in folded position is shown best in Fig. 5.

It is to be understood, of course, that my invention is not particularly limited to the provision of a display device comprising three sections inasmuch as my invention broadly contemplates the provision of a display device which may be utilized as a setting or background for the exhibition of a plurality of containers or the like which is self-supporting, that is, it is not dependent upon the auxiliary support imparted thereto by the insertion of the containers in the apertures 21, consequently it can readily be seen that the device may comprise two angularly disposed sections or may comprise substantially any number of angularly disposed sections which may correspond to the sections 4 and 5. In addition I do not wish to be limited to the particular outline of the panels 5 and 6 inasmuch as the same may be formed in any desirable ornamental configuration. If containers other than cylindrical members such as those shown are adapted to be displayed, the lines of incision 20 may be so formed as to conform to the surface outline of said containers, in other words, the curved portions of the lines of incision 20 may be supplanted by lines of incision of a configuration conforming to the lateral surfaces of the container to be displayed.

I claim as my invention:

1. A self supporting display device comprising in combination, a unitary blank divided into a plurality of sections, each section being provided with a plurality of score lines along which said section is folded to form a rear panel, a platform disposed at an angle to said rear panel, a front panel dis-

posed at an angle to said platform, a base flange disposed at an angle to said front panel, said platform and front panel being provided with lines of incision defining a strip, a portion of which is disposed substantially in the plane of the rear panel and another portion of which is in the plane of the base, said lines of incision defining an aperture for the reception of a container, adjacent sections of said device being angularly disposed.

2. A self supporting display device comprising in combination, a unitary blank divided into a plurality of angularly disposed sections, each section being provided with a plurality of score lines along which said section is folded to form a rear panel, a platform disposed at an angle to said rear panel, a front panel disposed at an angle to said platform, a base flange disposed at an angle to said front panel, said platform and front panel being provided with lines of incision defining a strip, a portion of which is disposed substantially parallel to the front panel and another portion of which is in the plane of the base, said lines of incision defining an aperture for the reception of a container.

3. A self supporting display device comprising in combination, a unitary structure divided into a plurality of angularly disposed sections, each section being provided with a plurality of score lines along which said section is folded to form a rear panel and a front panel, a platform connecting said panels, the platforms of all the sections being virtually continuous, each section having a base flange, the platform and front panel of each section being provided with lines of incision defining a strip, a portion of which is disposed substantially in the plane of the rear panel and another portion of which is in the plane of the base, said lines of incision defining an aperture for the reception of a container.

4. A self supporting display device comprising in combination, a unitary structure divided into a plurality of angularly connected sections, each section being provided with a plurality of score lines along which said section is folded to form a rear panel, a platform disposed at an angle to said rear panel, a front panel disposed at an angle to said platform, and a base flange disposed at an angle to said front panel, the platforms and front panels of all of said sections being continuous, said platform and front panel being provided with lines of incision defining a strip, a portion of which is disposed substantially parallel to the front panel and another portion of which is in the plane of the base, said lines of incision defining an aperture for the reception of a container.

5. In combination, a unitary self supporting display structure, comprising three angularly connected sections, a central section and two end sections, each of said section be-

ing provided with a plurality of score lines along which said section is folded to form a rear panel, a platform disposed at an angle to the rear panel, a front panel disposed at an

being attached to each other, said lines of incision defining an aperture for the reception of an object to be displayed.

In testimony whereof I affix my signature.

JULIUS HORWATH.

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5 angle to the platform, and a base flange disposed at an angle to the front panel, the platforms and front panels of all of the sections being virtually continuous, said platforms and front panels being provided with lines of
10 incision defining strips, a portion of each of which is disposed substantially in the plane of the rear panel and another portion of which is in the plane of the base flange, said lines of incision defining apertures for the re-
15 ception of containers.

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6. A self-supporting display device comprising in combination, a unitary blank divided into a plurality of sections, each section being provided with a plurality of score
20 lines along which said section is folded to form a rear panel, a platform disposed at an angle to said rear panel, a front panel disposed at an angle to said platform, a base flange disposed at an angle to said front
25 panel, said platform and front panel being provided with lines of incision defining a strip, a portion of which is disposed substantially in the plane of the rear panel, the front panel of adjacent sections being con-
30 tinuous, said lines of incision defining an aperture for the reception of an object to be displayed, the rear panels of adjacent sections being attached to each other and being angularly disposed.

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35 7. A self-supporting display device comprising in combination, a unitary blank divided into a plurality of angularly disposed sections, each section being provided with a plurality of score lines along which said
40 section is folded to form a rear panel, a platform disposed at an angle to said rear panel, a front panel disposed at an angle to said platform, said platform and front panel being provided with lines of incision defining
45 a strip, a portion of which is disposed substantially parallel to the front panel, the front panels of adjacent sections being continuous, said lines of incision defining an aperture for the reception of an object to be
50 displayed, the rear panels of adjacent sections being attached to each other.

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8. A self-supporting display device comprising in combination, a unitary blank divided into a plurality of angularly disposed
55 sections, each section being provided with a plurality of score lines along which said section is folded to form a rear panel, a platform disposed at an angle to said rear panel, a front panel disposed at an angle to said
60 platform, said platform and front panel being provided with lines of incision defining a strip, a portion of which is disposed substantially in the plane of the rear panel, the front panels of adjacent sections being con-
65 tinuous, the rear panels of adjacent sections

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