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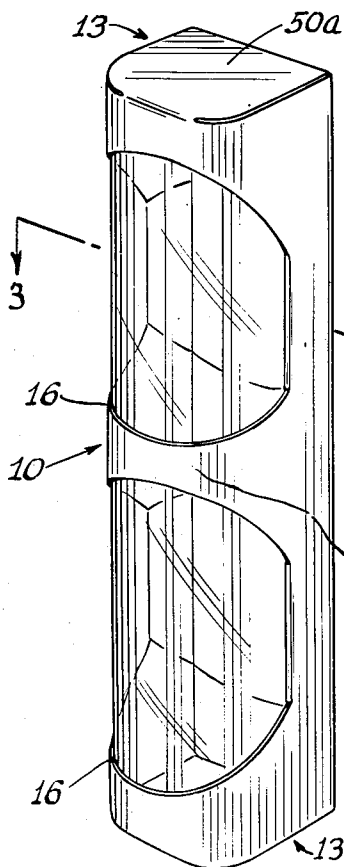
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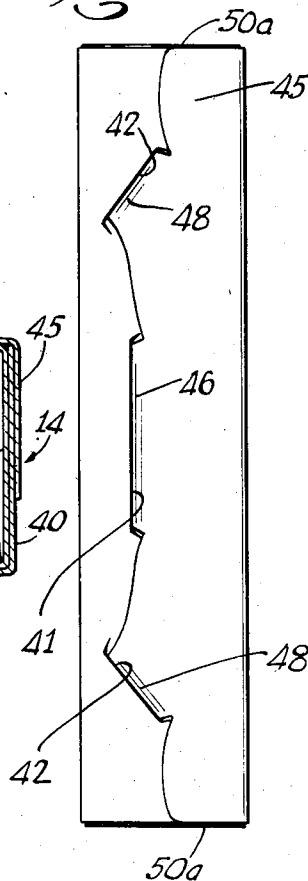
CONTAINER

Filed March 31, 1937

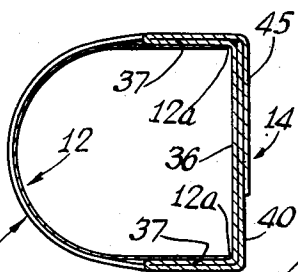
*Fig. 1*



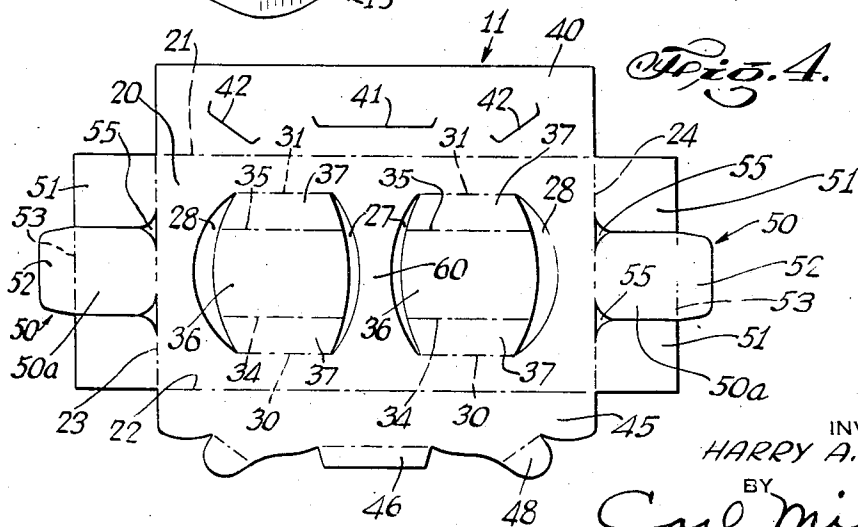
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



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CONTAINER

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7 Claims. (Cl. 206-44)

This invention relates to display containers. It is particularly directed to a container made by folding a cardboard blank and having window openings covered by a transparent sheet.

An object of this invention is to provide a display container of the character described made of a one piece die cut blank which may be so folded as to produce a curved portion with cut outs, the container including a transparent sheet within the container held in curved condition against said cut outs to produce curved transparent windows for the container, and eliminating necessity for creasing the transparent sheet.

A further object of this invention is to provide a container of the character described in which a transparent sheet, such as a heavy sheet of celluloid is held in curved condition in the container without pasting.

Another object of this invention is to provide a strong, rugged container of the character described which may be shipped and stored flat, which shall be inexpensive to manufacture, easy to set up, wherein the contents are fully exposed to view, in which articles may easily be taken out or inserted without disassembling the container, and which shall yet be practical and efficient to a high degree in use.

Other objects of this invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists in the features of construction, combinations of elements, and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claims.

In the accompanying drawing, in which is shown one of the various possible illustrative embodiments of this invention.

Fig. 1 is a perspective view of a container embodying the invention;

Fig. 2 is a rear view thereof;

Fig. 3 is a cross-sectional view taken on line 3-3 of Fig. 1; and

Fig. 4 is a plan view of the cardboard blank used to make my improved container.

Referring now in detail to the drawing, 10 designates a container embodying the invention and composed of a blank 11 of cardboard, paperboard or the like material, and an oblong sheet 12 of celluloid or the like transparent flexible sheet material.

The container 10 when assembled has ends 13, a rear or bottom 14, and a curved front or top 15 having windows 16 covered by the celluloid sheet 12 held within the container in curved condition

to provide curved transparent windows for the container whereby the contents of said container may be fully viewed and the transparent sheet has no creased corners.

The blank 11 has a central rectangular section 20 bounded by a pair of parallel crease lines 21, 22 and a second pair of parallel crease lines 23, 24. The section 20 is formed with two pairs of aligned, inwardly facing crescent shaped openings or cut away portions 27, 28, one pair being symmetrically disposed with respect to the other pair about the middle of section 20. The ends of each pair of cut outs 27, 28 are connected by parallel scored or creased lines 30, 31. The two portions 32 of section 20 between cut away portions 27, 28 are each formed with a pair of parallel scored or creased lines 34, 35 forming a relatively wide central section 36 and narrower side panels 37.

Extending from one side section 20 of the blank is a section 40 having a central slit 41, and a pair of inclined slits 42 on opposite sides of said central slit. The section 40 may be folded about crease line 21 and has the width of sections 36.

Extending from the opposite side of said section 20 is a section 45 having a central tab 46 adapted to be received in the central slit 41 of section 40, and a pair of inclined tabs 48 adapted to be locked within inclined slits 42 of said section 40. Tabs 46, 48 are adapted to fold or bend about crease lines 49 and 50 respectively to facilitate engagement of said tabs in said slits 41, 42. Said section 45 is foldable about crease line 22.

Extending from each end of section 20 and foldable about crease lines 23, 24, is a central flap 50, and a pair of side flaps 51. The central flap 50 is of the same width as sections 36 and has a tab 52 foldable about crease line 53 parallel to crease line 24. Triangular cut outs 55 may be formed between tabs 50 and 51 adjacent crease lines 23, 24.

The transparent sheet 12 is preferably a heavy sheet of celluloid, although other transparent materials may be employed. Said sheet 12 is substantially the same size as section 20 of the blank 11. The manner of folding the blank to form the container will now be described. The section 20 forms the front curved wall 15 of the container and is bent into curved shape by overlapping the sections 40, 45 and engaging the tabs 46, 48 within slits 41, 42. Sections 40, 45 form the bottom or rear 14 of the container. The sections 36 are also pushed back into contact with the inner surface of section 40 to fold back sections 37 and bring the same into contact with the inner surface of curved wall 15. This manipula-

tion brings the crease lines 34, 35 adjacent crease lines 22, 21 respectively. Pushing sections 36 back also forms the windows 16.

The flaps 51 at one end are then folded into superposed relation, and the central flap 50 is folded over the flaps 51 and the tab 52 inserted into the box, against the inner surface of section 40.

The sheet 12 is next inserted endwise within the container between sections 36 and the front or top curved wall 15, with the side edges 12a at the crease lines 34, 35 and 22, 21. The sheet 12 being curved covers the windows 16, thus producing a curved transparent window. Said sheet 12 is not pasted in the container and yet maintains its position and is easily inserted into place.

After sheet 12 is in place the flaps 51 at the opposite end of the container, are folded into superimposed relation, and flap 50 is folded thereover and tab 52 inserted into the container to close the same. The substantially triangular cut outs 55 shape the portions of flaps 50 between crease lines 23, 24 and crease lines 53 to the shape of the box ends. The length of flaps 51 is less than width of flaps 50.

The container or box 10 can be made in any suitable size, dimensions, color or shape of front panel cut outs, it being a dominant feature of the invention to produce a curved top which permits the celluloid sheet to be used without creasing the same, and to employ a celluloid sheet which will stand up rigidly without pasting.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiments set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing is to be interpreted as illustrative and not in a limiting sense.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A blank for forming a container comprising a central, rectangular section formed with a pair of aligned cuts, sections on opposite sides of said first section foldable about crease lines at the sides of said first section and having cooperating interlocking means, and flaps at each end of said first section adapted to form the ends of said container, the portion of said first section between said cuts being adapted to be pushed back to form a window opening in said section.

2. A container comprising a transversely curved wall, a pair of sections extending from opposite sides of said curved wall and being superimposed, cooperating interlocking means on said pair of sections, foldable means at the ends of said wall forming the ends of said container, said wall having a pair of opposed cuts, and the portion be-

tween said cuts being pushed back into contact with the interlocked sections.

3. A container comprising a member made from a blank having a pair of spaced cuts, said member being bent into curved shape to form a curved wall, a portion of said member between the cuts being pushed away from the curved wall to form a window opening and a transparent sheet disposed between the inner surface of said curved wall, and said pushed back portion, and covering said window opening.

4. A blank for forming a container comprising a central, rectangular section adapted to be bent into transverse curved shape and formed with a pair of aligned cuts, the portion of said section between said cuts being adapted to be pushed back to form a window opening in said section, sections on opposite sides of said first section foldable about crease lines at the sides of said first section and having cooperating interlocking means, and a central flap and a pair of side flaps at each end of said first section adapted to form the ends of said container, said blank being formed with substantially triangular shaped cut outs between the central flaps and the side flaps adjacent said rectangular section whereby the ends of the container may substantially conform to the curved shape of said first section.

5. A container comprising a transversely curved wall, a pair of sections extending from opposite sides of said curved wall and being superimposed, cooperating interlocking means on said pair of sections, foldable means at the ends of said wall forming the ends of said container, said wall having a pair of opposed cuts, and the portion between said cuts being pushed back into contact with the interlocked sections, and a sheet of flexible transparent material within said container and in engagement with the inner surface of said curved wall, and between said curved wall and said pushed back portion.

6. A container comprising a member made of a single blank of flexible sheet material and a sheet of flexible transparent material, said first member having a wall of transversely curved cross-section formed with a window opening, portions extending from the sides of said curved wall and forming a bottom wall for said container, and portions extending from the ends of said curved wall and forming the ends of said container, said transparent sheet being removably inserted within said container between the end walls thereof and engaging the inner surface of said curved wall and covering said window opening.

7. A container made of sheet material having a wall formed with a pair of opposed cuts, the portion of said wall between said cuts being pushed back away from said wall to form a window opening in said wall, and a sheet of transparent flexible material in said container and covering said window opening.

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