M. V. MILLER.

DISPLAY DEVICE AND BLANK.

APPLICATION FILED AUG. 16, 1921.

1,419,638. Patented June 13, 1922.

Fig. 1.

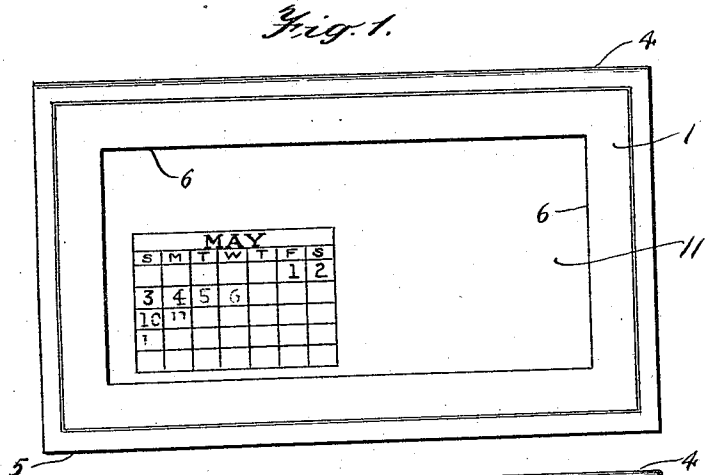
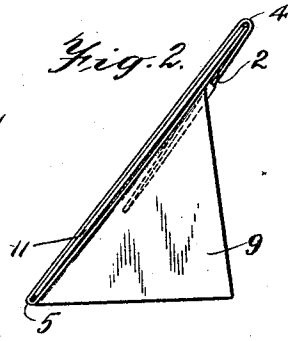


Fig. 2.



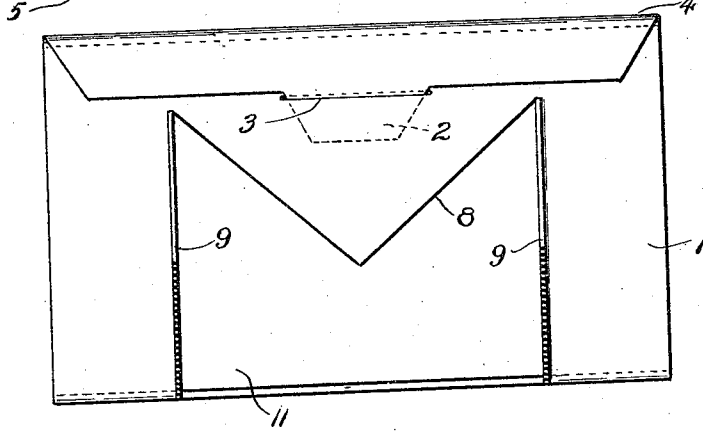


Fig. 3.

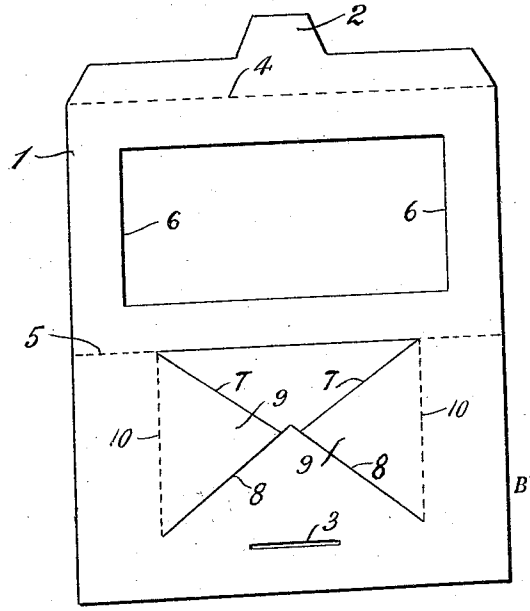


Fig. 4.

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UNITED STATES PATENT OFFICE.

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DISPLAY DEVICE AND BLANK.

1,419,638. Specification of Letters Patent. Patented June 13, 1922.

Application filed August 16, 1921. Serial No. 492,757.

To all whom it may concern:

Be it known that I, MAX V. MILLER, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Display Devices and Blanks, of which the following is a full, clear, and exact description.

An object of this invention is to provide an inexpensive and attractive desk novelty or device, for the effective display of information, or an advertisement, readily and easily formed of sheet materials, and which can be made of very inexpensive materials to closely resemble various more expensive materials. A further object is to provide a blank of sheet material which when folded in a desired manner will provide a simple and attractive display device or stand, and which is susceptible of production in quantities at a low cost. Other objects and advantages will be apparent from the following description and the novel features of the invention will be particularly pointed out in claims.

In the accompanying drawing,

Fig. 1 is a front elevation of a desk calendar constructed in accordance with my invention,

Fig. 2 is an end elevation of the same,

Fig. 3 is a rear elevation of the same, and

Fig. 4 is a plan of the blank from which the calendar is constructed.

In the accompanying drawing a blank 1 of suitable sheet foldable material, such as cardboard, is cut to the desired shape and size as illustrated. This blank is substantially rectangular with an integral tongue 2 extending outwardly from one edge and with a slot 3 parallel with and at a short distance from the opposite end edge. An indicating line 4 extends parallel with the end edges and transversely across the blank at the tongue end at a distance from the end edge substantially equal to the distance of the slot from the end edge nearest it. A second indicating line 5 extends transversely of the blank and parallel with the other indicating line. The second line is substantially midway between the first line and the end edge adjacent the slot. The area between the two lines is provided with an open window 6 for a purpose to be explained hereinafter. The area between the second line and the slot 3 is provided with intersecting slits 7 and 8 which form tongues 9 that can be folded about the lines 10 that join the ends of the slits 7 and 8, so as to form props for supporting the device as hereinafter explained. The lines 4, 5 and 10, may be merely printed upon the blank or the blank may be scored to provide the lines and facilitate the folding operation.

The blank may be folded on lines 4 and 5 and the tongue 2 inserted into slot 3 to lock the ends of the blank together and form a shallow open-ended container or frame. The tongues 9 may be folded outwardly upon the lines 10 into positions in which they are perpendicular to the wall from which they are formed, so as to form props for the container and support it in a position inclined slightly rearwardly to the vertical. A card 11 having printed thereon any desired or suitable display information, such as a calendar or an advertisement, is placed within the container so as to bring the display portion of the card in alignment with the window 6 through which the card is visible. The card may be readily inserted or removed for replacement by new and different cards by sliding the same through the open ends of the frame or container. If desired the area between the slits 7 (see Fig. 4) may be cut away, as shown, to enable contact of the rear face of the card by the fingers when the card is being inserted or removed from the frame or container.

The blanks may be formed of sheet material by stamping and have the lines printed or scored thereon. With a few folding movements the blanks can be converted by unskilled persons into an attractive frame or display device into which various display cards may be inserted or removed as desired. The outer face of the blank surrounding the window 6 may by the use of a fine screen half-tone be printed to represent the grain of leather in any desired color which gives richness, dignity and attractiveness to the frame, and the cards may have a color treatment which further enhances the attractiveness of the device. It will be understood that other materials than leather may be cleverly imitated by the half tone process so that the effects which are possible are practically unlimited. The blanks may be shipped unfolded, in which condition they occupy less space and are in less danger of injury in transportation and handling, than when in the folded condition.

It will be obvious that various changes in

the details herein described and illustrated may be made by those skilled in the art within the principle and scope of the invention.

I claim:

1. A blank for making display devices, comprising a sheet of foldable material having an outwardly extending tongue intermediate of one edge, an indicating line a short distance from said one edge and extending transversely of the sheet, a second indicating line parallel with the first indicating line and midway between the first line and the edge opposite said one edge, a slot of a size and shape to receive the tongue adjacent the last named edge and at a distance from the edge substantially equal to the distance of the tongue from the first named line, and intersecting slits in the area between the second mentioned line and edge forming a tongue which may be folded outwardly as a support or prop for the stand which may be formed by folding the card upon the indicating lines and inserting the tongue in the slot.

2. A blank for making display devices, comprising a sheet of foldable material having an outwardly extending tongue intermediate of one edge, an indicating line a short distance from said one edge and extending transversely of the sheet, a second indicating line parallel with the first indicating line and midway between the first line and the edge opposie said one edge, a slot of a size and shape to receive the tongue adjacent the last named edge and at a distance from the edge substantially equal to the distance of the tongue from the first named line, intersecting slits in the area between the second mentioned line and edge forming a tongue which may be folded outwardly as a support or prop for the stand which may be formed by folding the card upon the indicating lines and inserting the tongue in the slot and an aperture in the area between the lines through which a card or object inserted between the faces of the folded blank may be viewed.

3. A blank for making display devices, comprising a sheet of foldable material having an outwardly extending tongue intermediate of one edge, an indicating line a short distance from said one edge and extending transversely of the sheet, a second indicating line parallel with the first indicating line and midway between the first line and the edge opposite said one edge, a slot of a size and shape to receive the tongue adjacent the last named edge and at a distance from the edge substantially equal to the distance of the tongue from the first named line, and intersecting slits in the area between the second mentioned line and edge forming a tongue which may be folded outwardly as a support or prop for the stand which may be formed by folding the card upon the indicating lines and inserting the tongue in the slot, one of said slits being inclined to and intersecting the second mentioned line to provide an edge of the prop tongue which will support the stand at an inclination to a supporting surface.

4. A blank for making display devices, comprising a sheet of foldable material having an outwardly extending tongue intermediate of one edge, an indicating line a short distance from said one edge and extending transversely of the sheet, a second indicating line parallel with the first indicating line and midway between the first line and the edge opposite said one edge, a slot of a size and shape to receive the tongue adjacent the last named edge and at a distance from the edge substantially equal to the distance of the tongue from the first named line, intersecting slits in the area between the second mentioned line and edge forming a tongue which may be folded outwardly as a support or prop for the stand which may be formed by folding the card upon the indicating lines and inserting the tongue in the slot, one of said slits being inclined to and intersecting the second mentioned line to provide an edge of the prop tongue which will support the stand at an inclination to a supporting surface and an aperture in the area between the lines through which a card or object inserted between the faces of the folded blank may be viewed.

5. A blank for making display devices comprising a sheet of foldable material having a tongue extending from one end, a slot near the opposite end of a size and shape to receive the tongue, and two transversely extending scored lines in spaced relation between the tongue and slot, the area between the slot and the nearest scored line having intersecting slits to provide an integral tongue portion which when folded outwardly forms a prop for the display device produced by folding the sheet on the scored lines and inserting the tongue in the slot.

6. A blank for making display devices comprising a sheet of foldable material having a tongue extending from one end, a slot near the opposite end of a size and shape to receive the tongue, and two transversely extending scored lines in spaced relation between the tongue and slot, the area between the slot and the nearest scored line having intersecting slits to provide an integral tongue portion which when folded outwardly forms a prop for the display device produced by folding the sheet on the scored lines and inserting the tongue in the slot, the area between the lines having an aperture through which a card or object inserted between the faces of the folded blank may be viewed.

7. A display device comprising a shallow open ended container of folded sheet material one of the faces of the container having an open window therein, the other of the faces having a cut out tongue integral therewith and forming a prop to support the container, and a card in said container and carrying any information or design visible through said window, said card being insertable or removable through the open ends of the container.

In witness whereof, I hereunto subscribe my signature.

MAX V. MILLER.