May 5, 1931. P. F. PAIGE ET AL 1,804,373

DISPLAY FRAME

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Fig. 1.



Fig. 2.

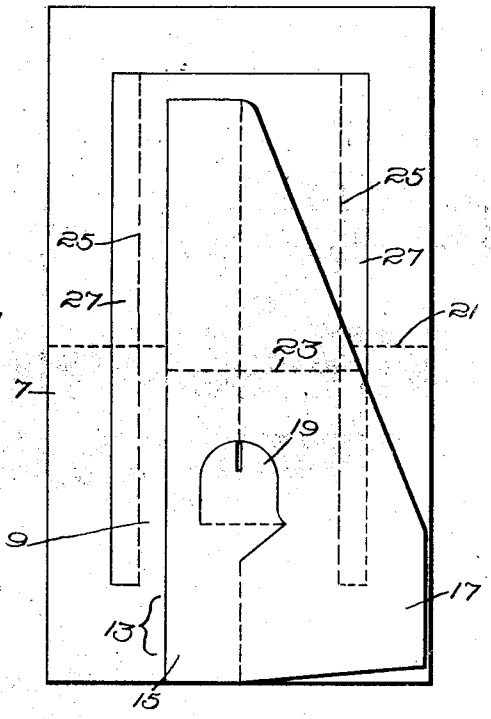


Fig. 3.

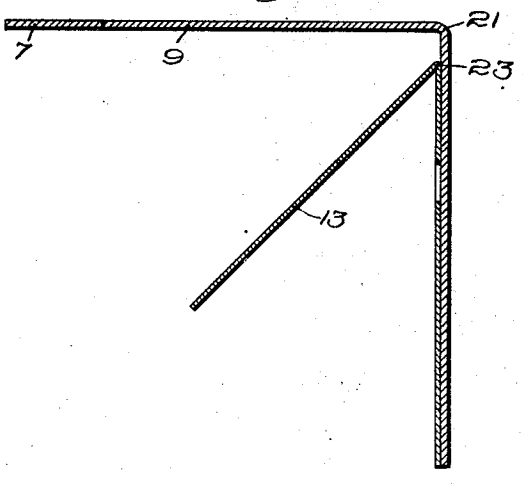
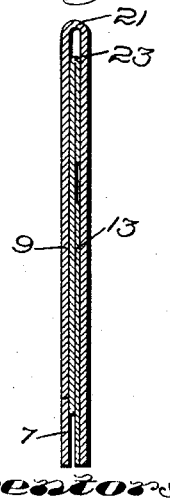


Fig. 4.



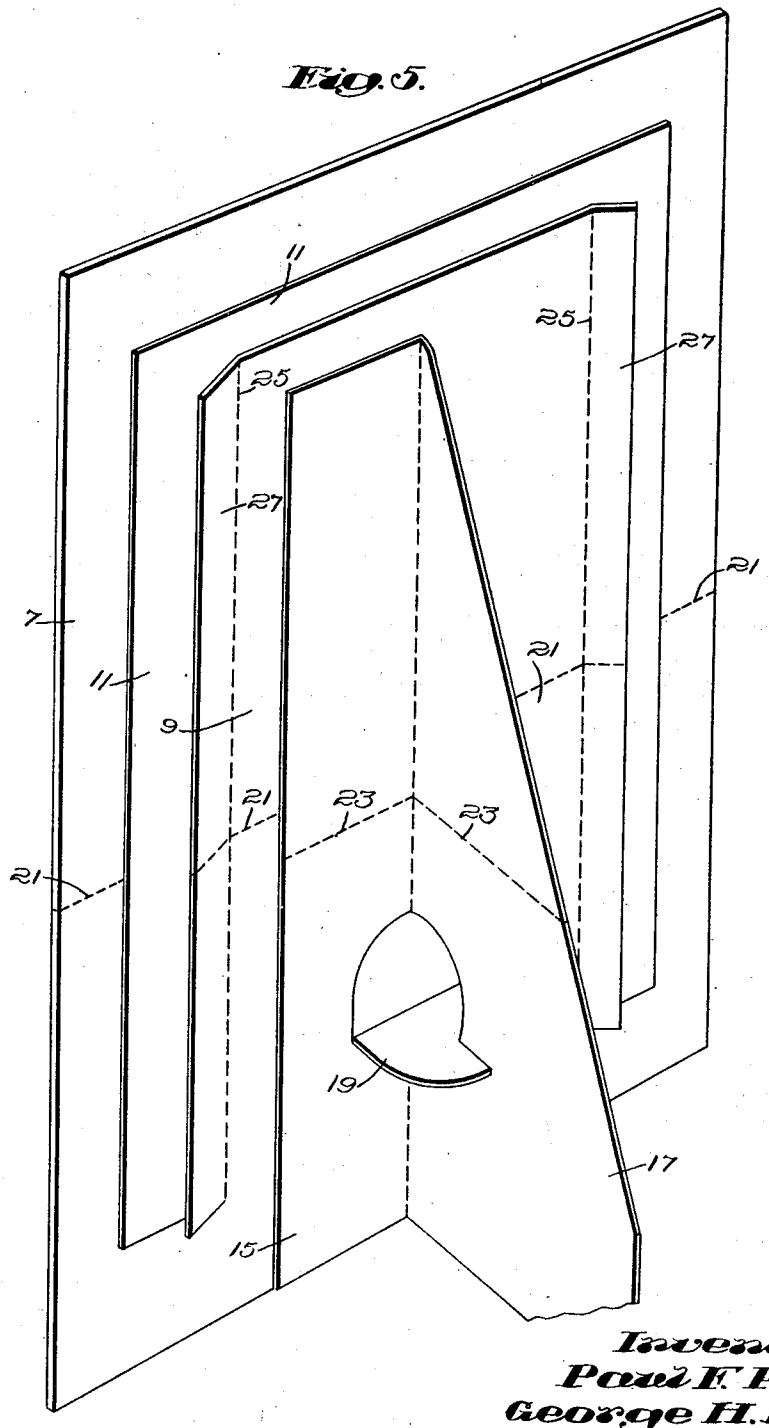
Inventors
Paul F. Paige
George H. Blood
by Emery, Booth, Janney & Varney
Attys

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DISPLAY FRAME

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Fig. 5.



Inventors:
Paul F. Paige
George H. Blood
by Emery, Booth, Jenney & Vaney
Attys

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UNITED STATES PATENT OFFICE

PAUL F. PAIGE, OF DETROIT, MICHIGAN, AND GEORGE H. BLOOD, OF LYNN, MASSACHUSETTS, ASSIGNORS TO FORBES LITHOGRAPH MANUFACTURING COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS

DISPLAY FRAME

Application filed March 1, 1929. Serial No. 343,784.

This invention relates to display devices for supporting pictures or other sheets to be displayed. The device specifically, though not necessarily, may be one constructed of suitable sheet material, such as cardboard, itself lithographed or otherwise decorated as may be desired. An important feature of the invention is the construction of a device of this nature which may be brought into a compact form for storage or shipment.

Our invention will be well understood by reference to the following description of an illustrative embodiment thereof shown by way of example in the accompanying drawings, wherein:

Fig. 1 is a front elevation of the device in use;

Fig. 2 is a rear elevation of the same with the easel support collapsed and with the picture removed;

Fig. 3 is a central vertical section on a somewhat larger scale illustrating the device partially folded;

Fig. 4 is a central vertical section showing the device completely folded up; and

Fig. 5 is a perspective view of the device in use on a larger scale and as seen from the rear.

Referring to Figs. 1 and 2 of the drawings, the device embodies a suitable frame-like member 7 carrying at one inner edge thereof a tongue 9 adapted to lie in the opening of the frame. In the embodiment of the invention shown these parts are cut from a single piece of cardboard, a three-sided cut forming the tongue and defining a surrounding margin constituting the frame, the tongue being integrally and flexibly joined at the fourth side to one side of the frame. A suitable sheet 11 (Figs. 1 and 5) bearing a picture or other matter to be displayed may be inserted between the tongue and the rear of the frame. The tongue supports the picture pressed against the rear of the frame and the tongue itself and the entire display device may be supported by means of a suitable easel 13, herein shown as of the type disclosed in the patent to Trum, No. 962,932, the easel being formed of a single sheet of cardboard comprising a flange 15 secured to the back of the tongue and a relatively foldable flange 17 which alternatively may lie flat in the same plane as the flange 15 and flat against the back of the tongue and frame, or may be folded out at substantially right angles to the flange 15, as shown in Fig. 5, in which position it may be secured by the integral locking tongue 19.

To permit the frame, when the picture 11 is removed, to be folded into smaller compass for storage or shipment, it, and preferably also the tongue 9, are arranged to fold about a transverse line 21 which in the case of a cardboard structure as described may take the form of a crease or score in the material. The arrangement is preferably such that the parts of the frame 7 fold together rearwardly so that the picture 11, when inserted, tends to hold the same in the unfolded position. The easel 13 may be provided with a similar transverse fold line 23, the part above this line being entirely detached from the tongue which it supports and the line 23 being so related to line 21 as to permit the supported and supporting structures to fold up together in the manner illustrated in Figs. 3 and 4. When the parts are erected and the flange 17 is turned out at right angles to the flange 15, this fold line is brought into two planes and the easel can no longer bend about the same and the rigid support thus provided supports against bending the tongue 9 and, through the picture or other sheet 11, the frame 7.

The marginal portions of the tongue 9 may be provided with longitudinal fold lines or lines of weakness 25 defining marginal strips 27 separated at their lower edges from the lower side of the frame which may be deflected rearwardly, as shown in Fig. 5, when the frame is in use. This not only provides a clearance facilitating the insertion of the picture, but the strips 27 serve as flanges stiffening tongue 9 and bringing parts of the fold line 21 therein into two planes so that the tongue is supported against flexure about that line.

In the preferred embodiment of the inven-

tion shown, when the picture or other sheet 11 which is to be displayed is absent, the tongue 9 folds into the opening of the frame 7 and into the plane thereof, the strips 27, if present, folding flat into this plane. The easel may be collapsed, as shown in Fig. 2, flat against the back of the frame and the parts may then be folded about the lines 23 and 21, as shown in Fig. 3, into the compact form shown in Fig. 4.

We are aware that the invention may be embodied in other specific forms without departing from the spirit or essential attributes thereof, and we therefore desire the present embodiment to be considered in all respects as illustrative and not restrictive; reference being had to the appended claims rather than to the foregoing description to indicate the scope of the invention.

Claims:

1. A display device comprising a frame-like member having a tongue carried by an inner edge thereof to lie in the opening of the frame, said parts adapted to receive between them a sheet to be displayed, said member having a fold line about which it may be folded rearwardly and a collapsible support secured to the back of the tongue and adapted when erected to support the same and through the displayed sheet to maintain erect the frame-like member.

2. A display device comprising a frame-like member having a tongue carried by an inner edge thereof to lie in the opening of the frame, said parts adapted to receive between them a sheet to be displayed and having a transverse fold line, an easel secured to the tongue comprising parts adapted alternatively to lie flat or to be erected into relatively angular planes, said easel having a fold line permitting it when in the first mentioned position to be folded up with said parts.

3. A display device comprising a sheet of material cut to provide a tongue defining about it a frame-like margin, said parts adapted to receive between them a sheet to be displayed, said parts having a transverse fold line and said tongue having longitudinal fold lines along its edge defining strips adapted to be rearwardly deflected to provide a clearance for entering said sheet to be displayed and for stiffening said parts against flexure about the transverse fold line when erected.

4. A display device comprising a sheet of material cut to provide a tongue defining about it a frame-like margin, said parts adapted to receive between them a sheet to be displayed, and a collapsible easel adapted to lie flat with said parts and comprising a flange secured to said tongue, a flange adapted to fold out at an angle thereto, and means for locking said parts in position whereby said latter flange supports said tongue pressed against the displayed sheet and the latter against the margin.

In testimony whereof, we have signed our names to this specification.

PAUL F. PAIGE.
GEORGE H. BLOOD.