

(No Model.)

W. H. ZINN & E. EDWARDS.

PICTURE FRAME.

No. 254,761.

Patented Mar. 7, 1882.

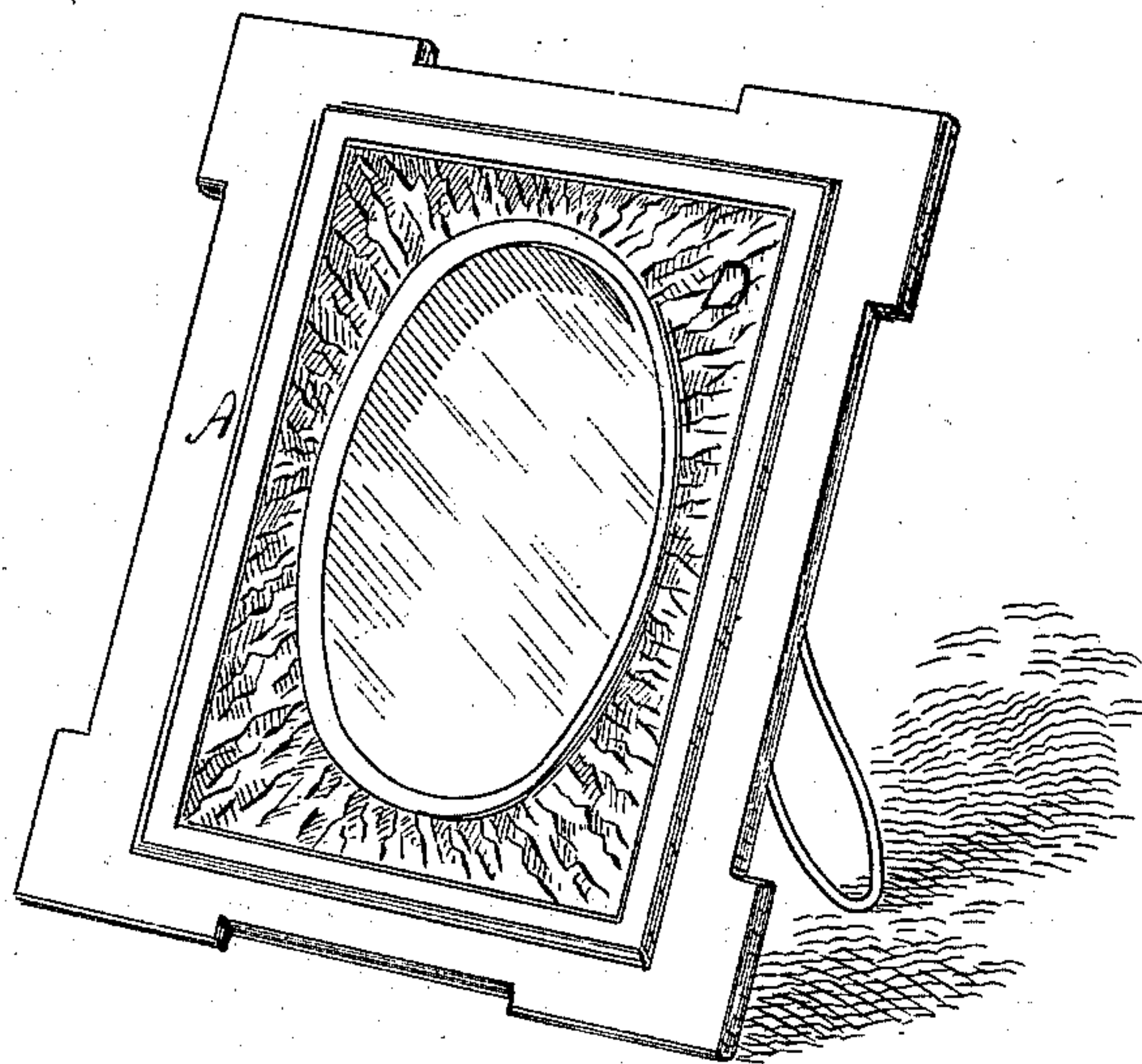


Fig. 1.

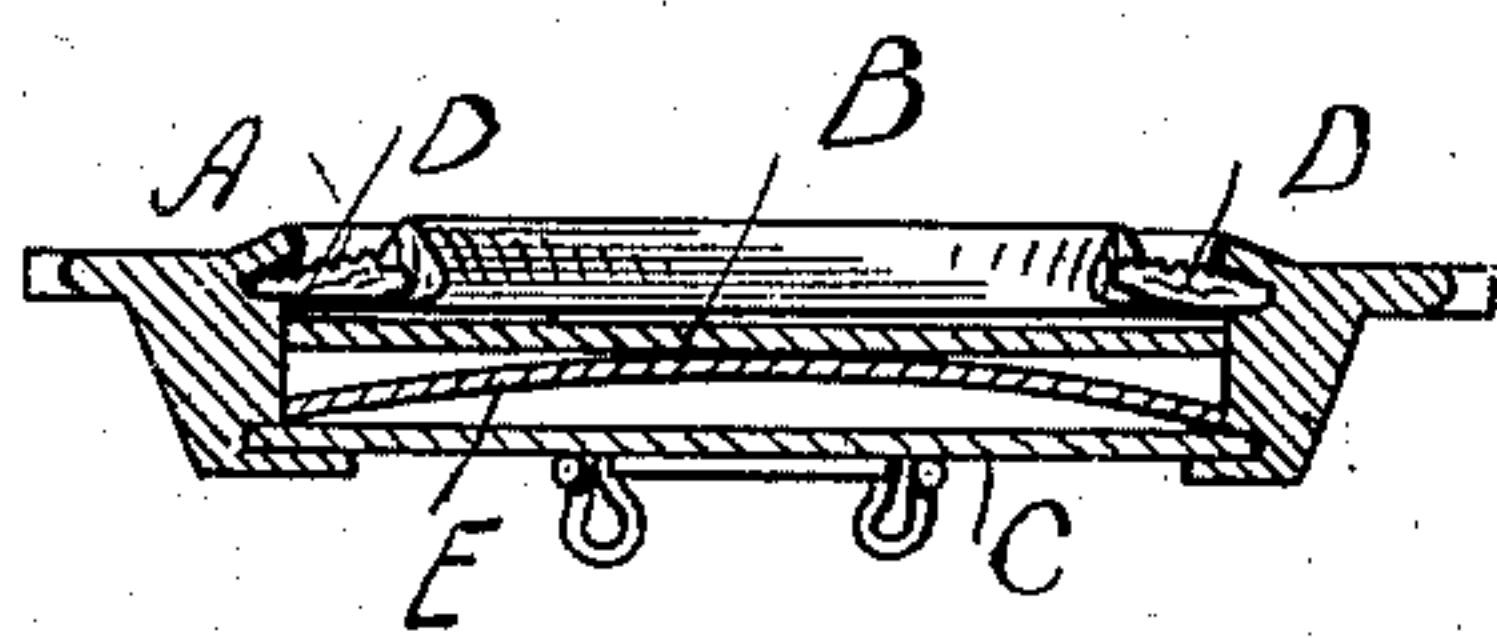


Fig. 4.

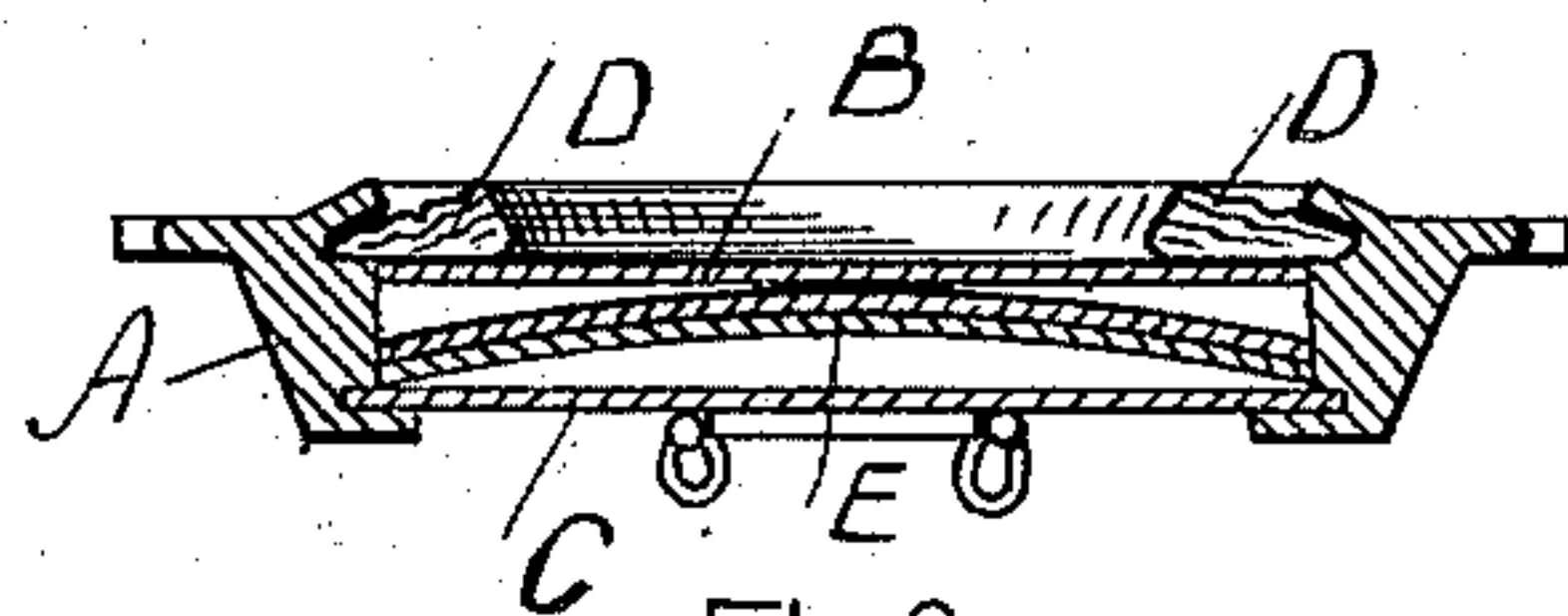


Fig. 2.

Witnesses.

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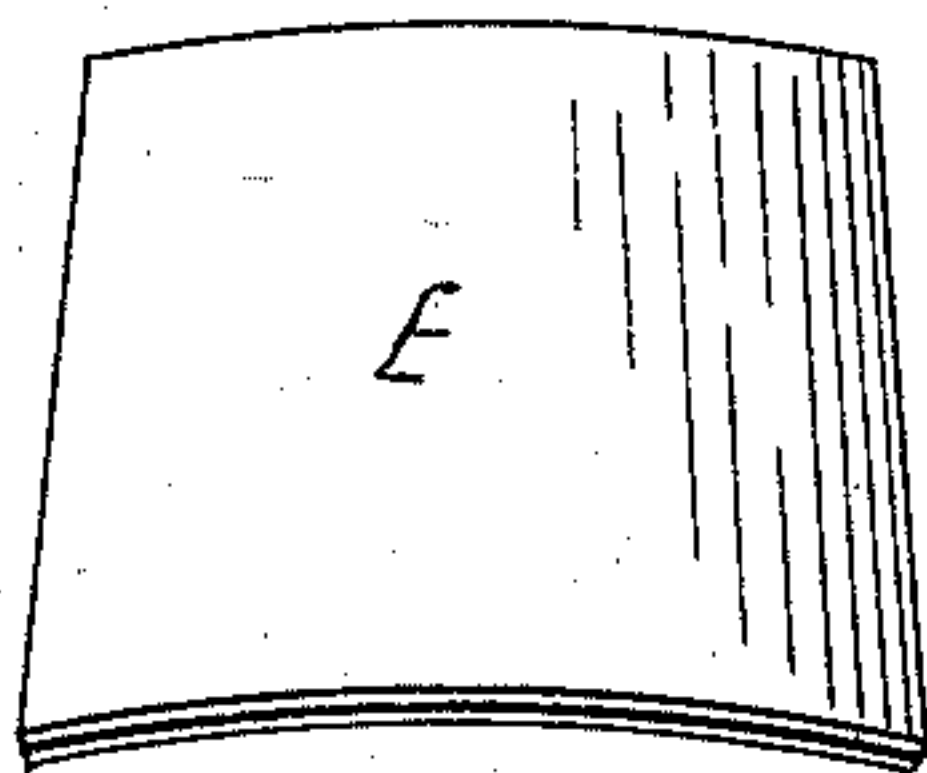


Fig. 3.

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UNITED STATES PATENT OFFICE.

WILLIAM H. ZINN AND ERNEST EDWARDS, OF BOSTON, MASSACHUSETTS.

PICTURE-FRAME.

SPECIFICATION forming part of Letters Patent No. 254,761, dated March 7, 1882.

Application filed July 2, 1881. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM H. ZINN and ERNEST EDWARDS, both of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Picture-Frames, of which the following is a full, clear, and exact description.

This invention relates to confining pictures, glasses, &c., in picture-frames; and it consists in the use of a sheet of paper, card, paste, or other stiff but flexible board, shaped and sized to be confined at its opposite edges within the frame and to project beyond its edges, so confined in a manner to act at such projection against and upon the picture, glass, &c., and thereby confine and hold it in place, all substantially as hereinafter described.

In the accompanying plate of drawings, Figure 1 is a perspective view of a picture-frame; Figs. 2 and 4, horizontal cross-sections. Fig. 3 is a perspective view of a sheet of paper or other stiff but flexible board, composed of two layers combined, as aforesaid.

In the drawings, A represents a picture-frame, which may be made in the ordinary way, and of the ordinary form; B, the picture, which may be on common paper or card board, canvas, or other suitable material.

C is the back of the frame, which may be of wood or other suitable material, and, as shown, it slides in grooves within the inner edges of the frame.

The picture B is exposed to view at the open front of the frame, and lies against the inner side of the front piece, D, of the frame, and, if desired, a plate of glass may be between the picture and the said inner side of the front piece, D.

E is a sheet of paper, card, paste, or other stiff but flexible board placed between the back side of the picture and the inner side of the back board, C. This sheet of paper board is shaped and sized to be confined at its edges along the inner edges of the frame, and as so

confined to project or bulge outwardly against the back of the picture, and thus to hold and confine it firmly and closely to its position at the open front of the frame. In Fig. 4 this paper board E is shown as of one piece or layer and in Fig. 2 as of two layers. When made of two layers one layer is first dampened, and then the two are laid together and glued or cemented, the one to the other, in any suitable manner, and allowed to dry.

By this construction and mode of manufacture the paper board E has given to it a permanent bulge or convexity by which to confine, like a spring, the picture or the glass, or both, in its place within the frame, when the paper board is confined in place at its edges in any suitable manner.

It is obvious that the back board may be dispensed with and the spring paper board E used in its place in addition to its use as a spring to hold the picture in place. The edges of the paper board may be confined in grooves, if desired.

Although the board E is described as only of two thicknesses of paper, &c., obviously more thicknesses can be used, if desired, although two thicknesses accomplish good results.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

The herein-described spring for holding pictures, glasses, or similar objects in frames or cases, the same consisting of a sheet of bent card or other analogous stiff spring board, substantially as and for the purpose set forth.

In testimony whereof we have hereunto set our hands in the presence of two subscribing witnesses.

WM. H. ZINN.
ERNEST EDWARDS.

Witnesses:

EDWIN W. BROWN,
W. S. BELLOWS.