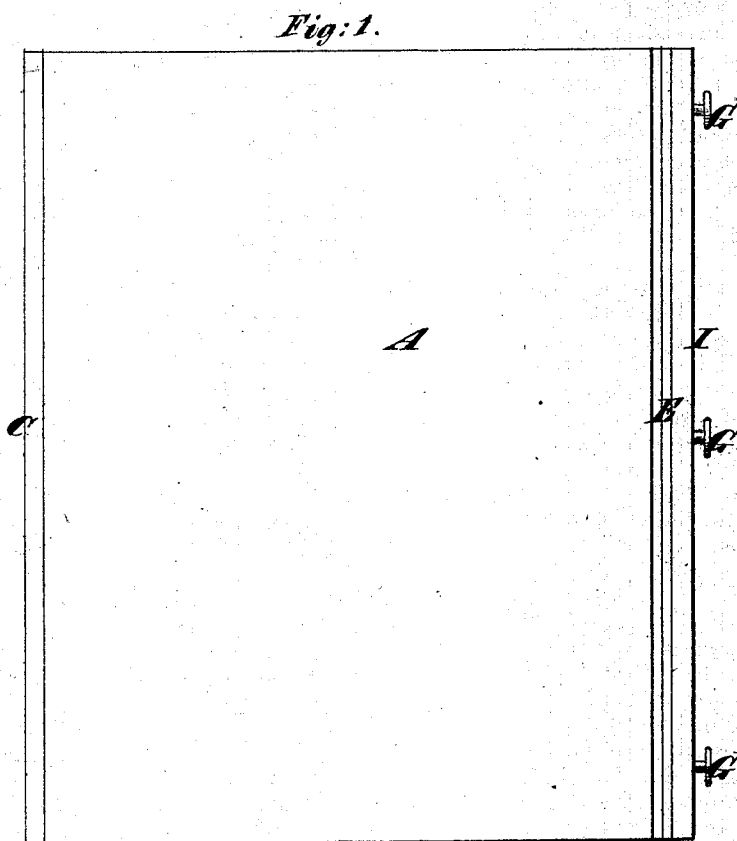
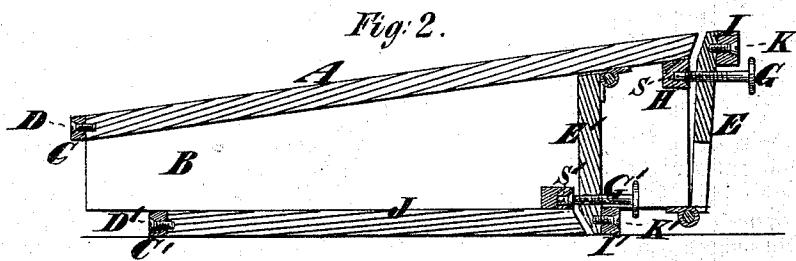


H. H. MEYER.
Drawing Boards.

No. 139,411.

Patented May 27, 1873.



Witnesses:
Fred. Haynes
Fred. duerk

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UNITED STATES PATENT OFFICE.

HERMAN H. MEYER, OF DENVER, COLORADO TERRITORY.

IMPROVEMENT IN DRAWING-BOARDS.

Specification forming part of Letters Patent No. **139,411**, dated May 27, 1873; application filed February 17, 1873.

To all whom it may concern:

Be it known that I, HERMAN H. MEYER, of Denver, in the county of Arapahoe and Territory of Colorado, have invented an Improved Drawing-Board, of which the following is a specification:

This invention consists in a novel construction of the board, including hinged stretching-pieces, whereby paper may not only be secured without the use of tacks, paste, or glue, but may also be stretched throughout its whole length or at different points, and be made to present a smooth surface without puckering.

In the accompanying drawing, Fig. 1 is a top view of a board made according to my invention, and Fig. 2 is a transverse section of the same.

Similar letters of reference indicate corresponding parts in both figures.

The board proper, A, is erected on two taper side-strips, B B, and is of the usual rectangular shape. Along its bottom edge there extends a clamping-strip, C, for holding the paper. It is secured in place and operated by screws D D. E is a stretching-piece, which is hinged to the fore-ends of the side-strips B B. In its upper portion are a series of thumb-screws, G G, whose ends abut against metal buttons or plates s s, on a strip of wood, H, arranged under the edge of the board. The piece E is furnished at the upper edge with a clamping-strip, I, operated by screws K K, in the same manner as the strip C, before described. As this board is only suitable for paper of one length, I provide on the under side of the side strips another board, J, for shorter paper. Like the board A, it is provided with a clamping-strip, C', for securing the bottom edge of the paper, and with a stretching-piece, E', hinged to the board A, for straining or stretching the paper.

Whichever board is to be used is turned uppermost, and the top edge of the paper is secured between the stretching-piece E or E', and clamping-strip I or I', by means of the screws K or K'. The other edge of the paper is drawn tight over the board by the hand and fastened between the clamping-strip C or C' and the bottom edge of the board. When the paper is thus secured the thumb-screws G or G' are screwed up to abut against the buttons s or s' in the strip H or H', and force the stretch-piece out and thereby stretch the paper. One or more of the screws just mentioned may be screwed up to stretch out a pucker, or all may be operated.

Often paper becomes all puckered after a change in the weather, and with an ordinary board it is difficult to smooth it out, but with my board the puckers may be all stretched out.

This board is specially advantageous for securing paper having a glossy surface, which is injured by the usual method of damping and stretching.

I claim—

1. The combination of the board furnished with a clamping-piece, C, the swinging stretch-piece E, likewise furnished with a clamping-strip and the thumb-screws G-G, substantially as and for the purpose set forth.

2. The side strips B B, in combination with the boards A and J, the clamping-pieces and stretch-pieces, essentially as and for the purpose set forth.

HERMAN H. MEYER.

Witnesses:

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