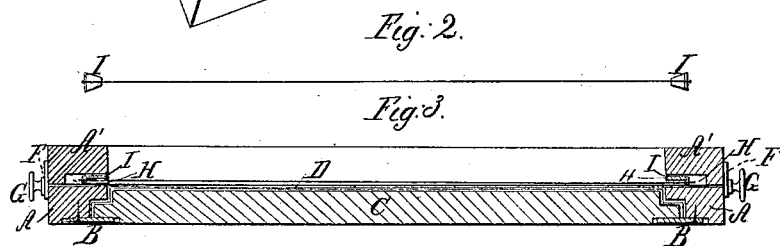
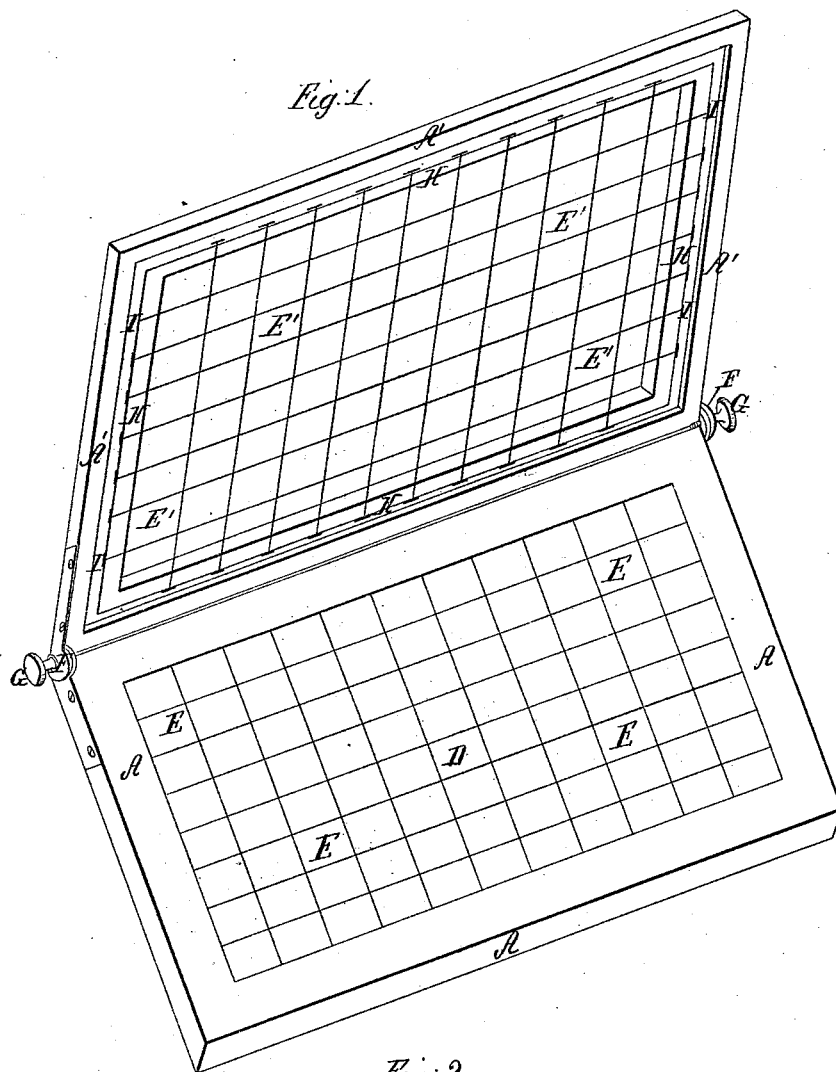


C. D. Hillman.
Drawing Board.

N^o 50,583.

Patented Oct. 24, 1865.



Witnesses;
William Schenk
Ernst Sauermann

Inventor;
Charles Friedrich Hillman

UNITED STATES PATENT OFFICE.

CHARLES DIEDRICH HILLMAN, OF LOUISVILLE, KENTUCKY.

SYMMETRICAL DRAWING-BOARD.

Specification forming part of Letters Patent No. 50,583, dated October 24, 1865.

To all whom it may concern:

Be it known that I, CHARLES DIEDRICH HILLMAN, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful or Improved Symmetrical Drawing-Board; and I do hereby declare the same is fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1 is a perspective view; Fig. 2, a plan of one of the elastic cords with its end fastenings, and Fig. 3 a section of said drawing-board in a folded state.

The nature of my invention consists of joining two drawing-board frames together by means of hinges pivoted on thumb-screws, so that the two frames can be so adjusted as to form to each other any required angle and firmly held at such angle by means of the set or thumb screws. Furthermore, one of the frames (which I shall designate the "base-frame") has inserted therein a panel, on which is placed a sheet of paper having lines drawn thereon representing different-colored squares, while the opposite or top frame has elastic cords passing over its face, which represent squares corresponding in size and color. Said top frame has no panel, but is open at the back for reception of a drawing. Now, by placing a sheet of transparent paper on the base-frame it is plain to be seen that a copy of the drawing in the top frame can be made with much ease and rapidity on said transparent sheet. As the learner progresses every other line may be

removed, and thus a perfect acquaintance with the art of drawing from originals acquired.

In the said drawings, A is the base-frame with its turn-buttons B B for sustaining in place the panel C, on which is laid a sheet of paper, D, representing different-colored squares E E, &c.

The top frame, A', is connected to the base-frame by means of hinges F F and thumb-screws G G, by means of which the top frame can be adjusted to and held at any required angle to the base-frame, as already explained. The top frame, A', is recessed on its under side for reception of thin strips of metal H H, said strips being notched and slightly raised at such notches for reception of the small triangular stay-pieces I I, to which the ends of the elastic cords are fastened. The said cords, when placed in position, represent squares E' E', corresponding in size and color to those on the base-frame.

The two frames can be folded book-fashion when not in use, as shown in the drawings.

What I claim, and desire to secure by Letters Patent, is—

The above-described symmetrical drawing-board, substantially as and for the purpose described.

In testimony whereof I have hereunto set my signature.

CHARLES DIEDRICH HILLMAN.

Witnesses:

WILLIAM SCHENK,
ERNST SAUERMANN.