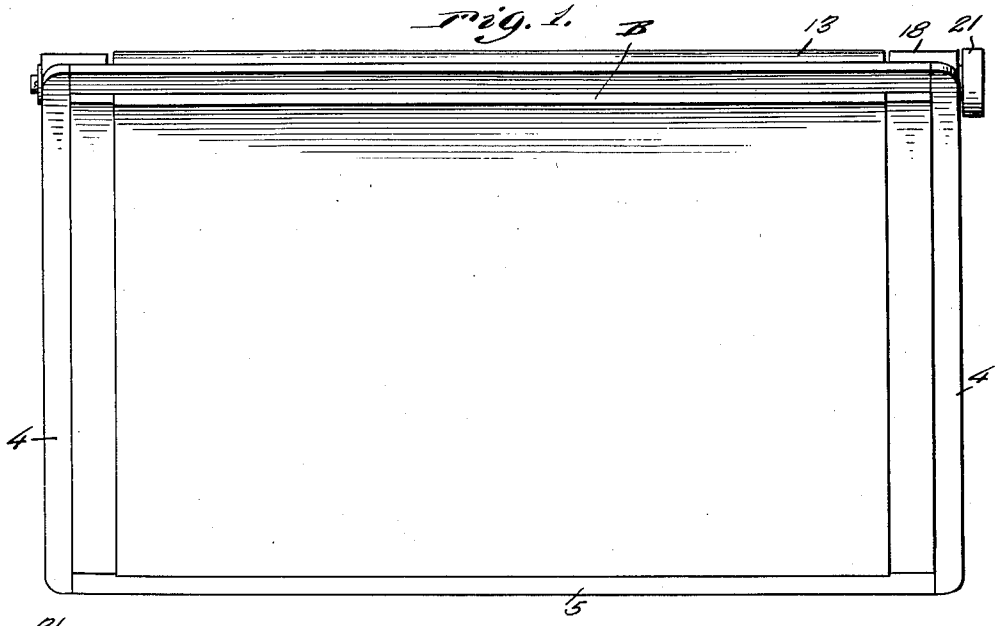
March 11, 1941. O. D. STALLINGS 2,234,324

PORTABLE ADJUSTABLE DRAWING BOARD

Filed Jan. 6, 1940 2 Sheets-Sheet 1

Fig. 1.



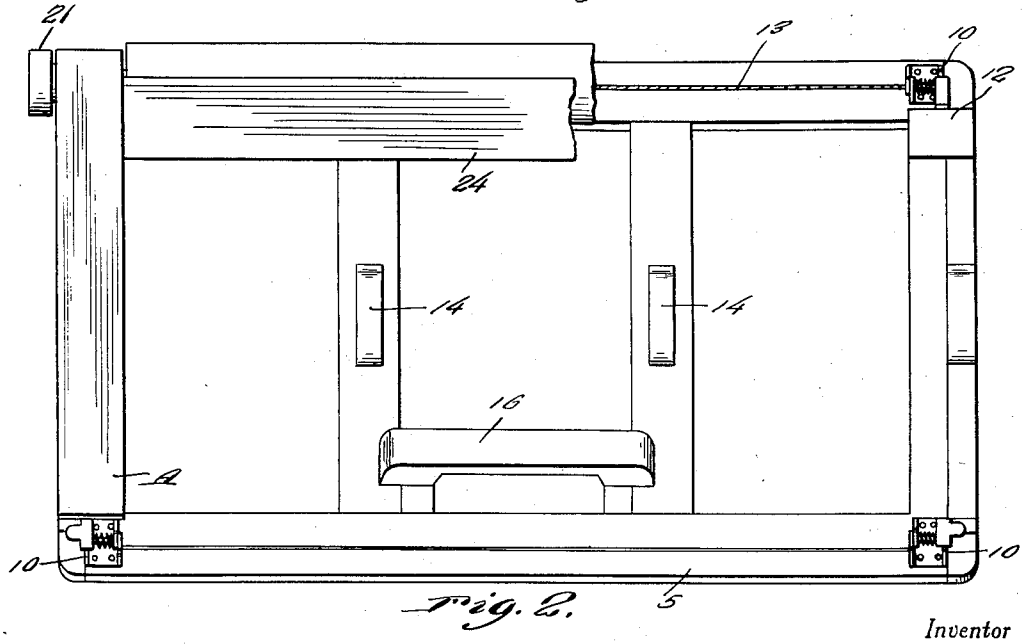


Fig. 2.

Inventor

O. D. Stallings

By Clarence A. O'Brien and Hyman Berman

Attorneys

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PORTABLE ADJUSTABLE DRAWING BOARD

Filed Jan. 6, 1940 2 Sheets-Sheet 2

Fig. 3.

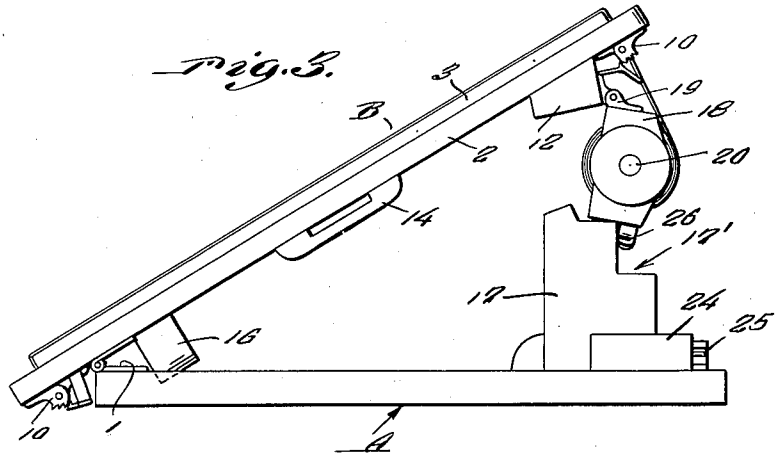


Fig. 4.

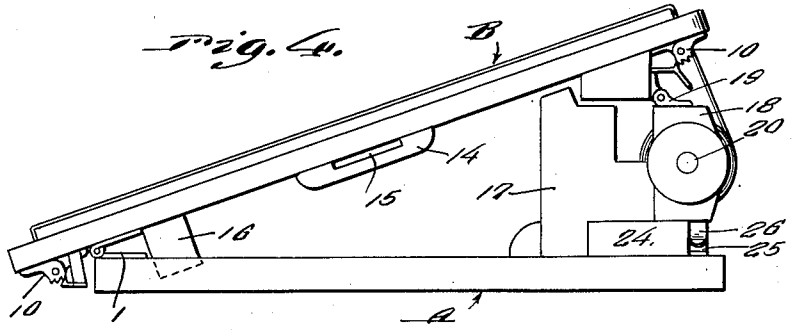


Fig. 5.

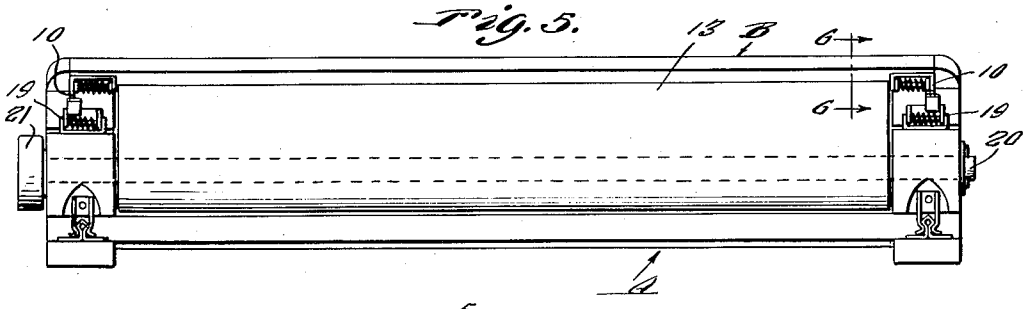
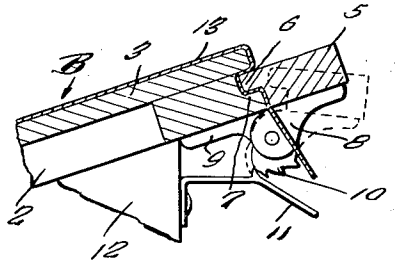


Fig. 6.



Inventor

O. D. Stallings

By Clarence O'Brien and Hyman Berman

Attorneys

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UNITED STATES PATENT OFFICE

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PORTABLE ADJUSTABLE DRAWING BOARD

Onnie D. Stallings, Raleigh, N. C.

Application January 6, 1940, Serial No. 312,775

4 Claims. (Cl. 45—131)

This invention relates to a portable adjustable drawing board, the general object of the invention being to provide a board provided with means for clamping paper thereon, with a base to which one end of the board is hinged and means for adjustably supporting the board from the base so that the board can be positioned at different angles, with means for supporting a roll of paper between the board and the base.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing the invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which—

Figure 1 is a plan view of the device.

Figure 2 is a bottom plan view with parts omitted and parts broken away.

Figure 3 is a side view with the board in an elevated position.

Figure 4 is a similar view with the board in lowered position.

Figure 5 is a view looking toward the rear of Figure 4.

Figure 6 is a section on the line 6—6 of Figure 5.

In these views the letter A indicates the base of the device and the letter B indicates the board which adjacent one end is hinged to an end of the base by the hinges 1.

The board B includes the lower part 2 and the upper part 3, and said part 3 is of less length than the part 2 and the ends of the part 2 are formed by the strips 4 which are screwed or otherwise detachably connected with the end portions of the part 2. Wings 5 are provided for the upper and lower edges of the part 2 and each wing has a tongue 6 on the upper portion of its inner edge for fitting in a recess 7 formed in the upper portion of each upper and lower edge of the part 2 when the wing is in closed position as shown in Figure 6. Each wing is formed with hinge parts 8, each of which is pivoted to a hinge part 9 connected to an outer portion of the part 2 and each hinge is of the spring type as shown. A toothed member 10 is carried by each part 8 and a spring latch 11 is carried by a supporting part 12 carried by the part 2 for engaging the teeth, these latch means holding the wings 5 in lowered adjusted position as shown in dotted lines in Figure 6 and the spring hinges tend to hold the wings in closed position as shown in full lines in Figure 6. These wings will hold a sheet 13 of paper or the like in stretched condition over the part 3 for as the wings move to closed position the tongues 6 pressing the paper into the grooves 7 will stretch that part of the sheet which passes over the part 3.

A covering sheet can be used to cover the part 3 when desired, this covering sheet being held in place by the detachable strips 4. As will be seen the wings 5 when in closed or extended position will make the part 2 longer than the part 3 so that a space is formed around the part 3 which will accommodate the head of a T-square or the like.

Lugs 14 having slots 15 therein are connected with the underside of the part 2 for receiving a T-square and a large slotted lug 16 is connected with the bottom of the part 2 to form a handle for facilitating carrying the device from place to place.

Blocks 17 extend upwardly from that end portion of the base A opposite the end part carrying the hinge 1 and the upper ends of these blocks 17 are of stepped construction as shown at 17'. Bearing blocks 18 are connected by spring hinges 19 to the members 12 and these bearing blocks 18 rotatably support the end portions of a shaft 20, one end of which projects beyond a block 18 and has a knob 21 attached thereto so that the shaft can be turned. One end of the sheet of paper 13 is connected with the shaft so that by turning the shaft by the knob 21 the paper can be rolled thereon and by pulling the paper it can be unrolled therefrom, the sheet passing from the roll between the upper wing 5 and the upper edge of the part 2. These hinged blocks 18 can be swung against the upper step of the blocks 17, as shown in Figure 3, to hold the board B in raised position or it may be supported in an intermediate position by engaging the blocks 18 with a lower step or said blocks 18 can be engaged with the short blocks 24 which are fastened to the base A and male spring clips 25 are carried by the base A at the outer ends of these blocks 24 for engaging the female spring clips 26 at the lower ends of the blocks 18 so as to yieldingly hold the board B in its lowest inclined position as shown in Figure 4.

Thus it will be seen that I have provided a portable and adjustable drawing board, the board portion of which can be adjusted to extend at different slopes with means for facilitating holding the sheets of paper in clamped position there-

over and for carrying a supply of paper under the board.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts provided that such changes fall within the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A drawing board of the class described comprising a base part, a board part hingedly connected to the base part at one end thereof, clamping wings connected with edge portions of the board, spring hinges for holding the wings in closed position, each wing having a rib on its inner edge and the board having a groove for receiving the rib for clamping the paper over a portion of the board and adjustable means for supporting the other end of the board from the adjacent end of the base.

2. A drawing board of the class described comprising a base part, a board part hingedly connected to the base part at one end thereof, clamping wings connected with edge portions of the board, spring hinges for holding the wings in closed position, each wing having a rib on its inner edge and the board having a groove for receiving the rib for clamping the paper over a portion of the board, adjustable means for supporting the other end of the board from the adjacent end of the base, bearing blocks hingedly connected with the board, a shaft carried by the bearing blocks and adapted to receive a roll of paper.

3. A drawing board of the class described comprising a base, a board part, means for hinging the board part to one end of the base, a pair of stepped blocks at the other end of the base, blocks hingedly connected to the adjacent end of the board and having their lower ends adapted to engage different steps for holding the board at different inclinations, a shaft carried by the hinged blocks for receiving a roll of paper and the upper and lower edges of the board having grooves in the upper portions, wings having ribs for entering the grooves for clamping portions of the sheets between the wings and said edges of the board, spring hinges for connecting the wings to the board and holding the wings in extended position and latch means for holding the wings in position separated from the edges of the board.

4. A drawing board of the class described comprising, a board, the upper and lower edges of the board having grooves in the upper portions, wings having ribs for entering the grooves for clamping portions of the sheets between the wings and said edges of the board, spring hinges for connecting the wings to the board and holding the wings in extended position and latch means for holding the wings in position separated from the edges of the board.

ONNIE D. STALLINGS.