

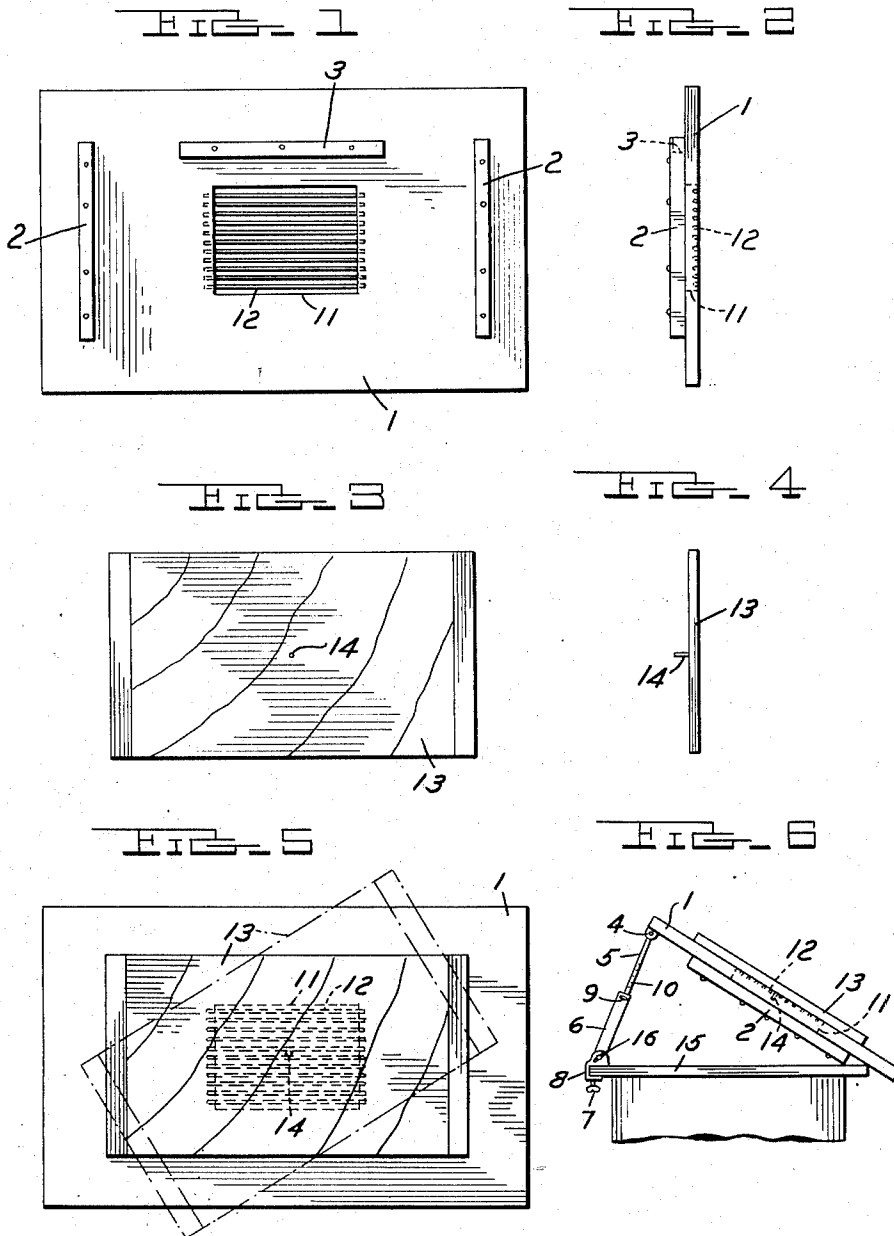
Aug. 7, 1951

A. NOVY

2,563,658

DRAWING BOARD

Filed Aug. 13, 1949



INVENTOR.

ANDREJ NOVY

BY

Barnes, Kisselle, Laughlin & Fiesch

ATTORNEYS

UNITED STATES PATENT OFFICE

2,563,658

DRAWING BOARD

Andrej Novy, Brunn, Czechoslovakia

Application August 13, 1949, Serial No. 110,118
In Czechoslovakia November 10, 1947

2 Claims. (Cl. 45—131)

1

This invention relates to a drawing board assembly.

It is an object of this invention to provide a drawing board assembly which permits supporting a drawing board in an adjustably inclined position and which, at the same time, allows pivoting of the drawing board to an angular position in the plane of the board so that the draftsman is enabled to rotate the board to an angular position most suitable for the work he is performing.

In the drawings:

Figure 1 is a plan view of the rear face of the base member of my drawing board assembly.

Figure 2 is an end view of the base.

Figure 3 is a plan view of the rear face of the drawing board.

Figure 4 is an end view of the drawing board.

Figure 5 is a top view of the base member with the drawing board positioned thereon.

Figure 6 is an end view of the drawing board assembly showing the manner in which it may be mounted on a supporting surface such as a table top.

Referring to the drawings, and particularly to Figure 1, there is shown a base member 1 on which the drawing board is adapted to be supported. Base 1 is preferably a flat rectangular wood panel having reinforcing cleats 2 on the rear face thereof extending parallel to and adjacent the side edges of the panel. Base 1 is also reinforced by a cleat 3 on its rear face which extends longitudinally of the base adjacent the upper edge thereof. Base 1 is adapted to be supported on a surface such as a table top 15 shown in Figure 6 by means of a pair of telescoping arms 5 and 6. Arm 5 is pivotally attached at one end to a bracket 4 which is fixedly mounted to the rear face of base 1 adjacent the upper edge thereof. Arm 6 is tubular in shape and adapted slidably to receive the free end of arm 5. The arms are arranged to be secured together in an extended position of adjustment by means of a pin 9 passing through arm 6 and through one of a plurality of longitudinally spaced holes 10 in arm 5. At its lower end, arm 6 is pivoted to a C-clamp 8 which is arranged to be fixedly secured to the edge of top 15 by means of a wing screw 7 which is threaded into one leg of clamp 8. Arm 6 is attached to clamp 8 by means of a bolt and wing nut assembly 16 which when tightened holds arm 6 in the desired inclined position relative to table top 15.

At its central portion, base 1 is provided with a rectangular aperture 11. Within aperture 11,

2

there are mounted a plurality of parallel spaced rods 12. Rods 12 extend in a horizontal direction, that is, in a direction longitudinally of base 1, and are secured at each end to the base. Rods 12 are spaced apart to receive, therebetween, a stud member 14 which projects from the rear face of the drawing board 13. Stud 14 is preferably secured to drawing board at its center.

When it is desired to arrange the drawing board assembly for use, base 1 is arranged on the supporting surface 15 in an inclined position. The extent of inclination may be adjusted by extending or shortening the combined length of arms 5 and 6. These arms are locked in the adjusted extended position by pin 9 which passes through arm 6 and one of the holes 10 in arm 5. After the arms are adjusted to the desired extended position, the wing nut and bolt assembly 16 is tightened to hold arm 6 in the desired inclined position relative to top 15, screw 7 having been previously tightened to secure clamp 8 to the edge of the table top. When base 1 is secured to a table top in this manner, the drawing board 13 is mounted on the base by simply inserting stud 14 on the rear face of the drawing board between an adjacent pair of rods 12.

Board 13 may be shifted to a position closer to or further from the draftsman by simply inserting stud 14 between a lower or higher pair of rods 12. With board 13 mounted on base 1 in this manner, it will be appreciated that the drawing board is capable of being shifted longitudinally of base 1 and also of being pivoted to an angular position such as is shown in broken lines in Figure 5. It will be noted that the drawing board is supported entirely by base 1 and need not be additionally supported by the draftsman's chest in order to maintain it in either an inclined position or an angular position relative to base 1. The friction between the top face of base 1 and the lower face of board 13 is sufficient to hold the board in the position in which it is set.

It will thus be seen that I have provided a very simply constructed drawing board assembly which serves to support the drawing board in most any desired position. The assembly, furthermore, enables the position of the drawing board to be readily changed with a minimum of effort. The rods 12, it will be noted, form supports on which the drawing board may be shifted longitudinally on base 1 or pivoted to a desired angular position.

I claim:

1. In combination, a substantially flat, rectangular base, means for supporting said base in

an inclined position on a supporting surface, means forming a plurality of recesses on said base, said recesses being spaced apart in a direction from the top to the lower edges of said base and being elongated in a direction longitudinally of said base, a drawing board on said base overlying said recesses, a stud member projecting from the rear face of said drawing board and optionally into any of said recesses, said stud member supporting said drawing board on said base for pivotal movement in a plane parallel to the plane of said base.

2. The combination set forth in claim 1 including a plurality of parallel spaced rods on said base extending in the direction longitudinally of

said base, said recesses comprising the space between the adjacent rods.

ANDREJ NOVY.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,207,702	Bartholomew	Dec. 12, 1916
1,219,959	Kruger	Mar. 20, 1917
2,067,309	Wogaman	Jan. 12, 1937
2,474,385	Vale	June 28, 1949