April 22, 1924. 1,490,917

S. FINKELSTEIN

DRAWING TABLE

Filed May 12, 1922

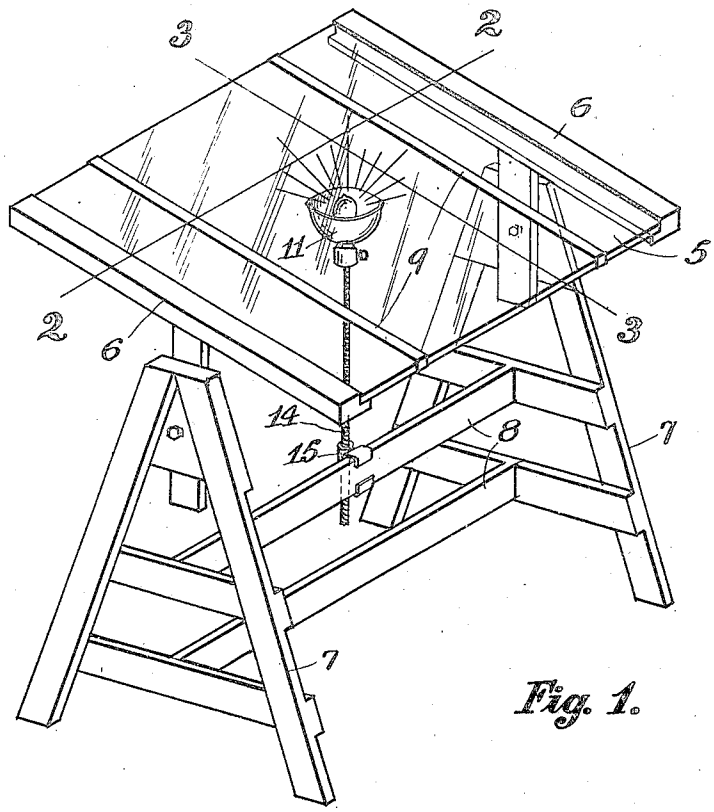


Fig. 1.

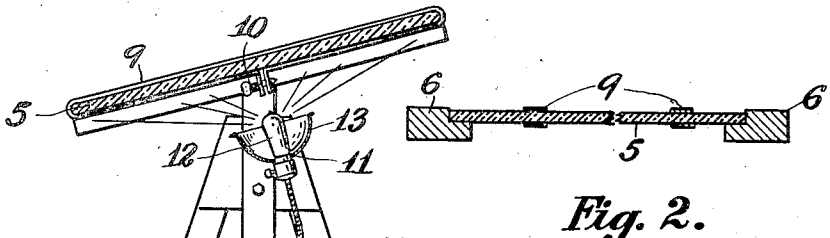


Fig. 2.

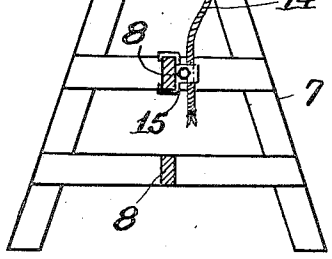


Fig. 3.

Inventor

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By his Attorneys

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UNITED STATES PATENT OFFICE.

SAMUEL FINKELSTEIN, OF BROOKLYN, NEW YORK.

DRAWING TABLE.

Application filed May 12, 1922. Serial No. 560,285.

To all whom it may concern:

Be it known that I, SAMUEL FINKELSTEIN, a citizen of the United States, and residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Drawing Tables, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to drawing tables, boards or the like and particularly to devices of this class designed for use by draughtsmen, sketchers, tracers and others, and the object of the invention is to provide a table or board of the class specified, the table member of which is composed of transparent material, and the table or board being provided with illuminating means whereby tracings, copies and the like may be made on said table or board; and with this and other objects in view the invention consists in a device of the class and for the purpose specified which is simple in construction, efficient in use and which is constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Fig. 1 is a perspective view of a drawing table made according to my invention;

Fig. 2 partial section on the line 2—2 of Fig. 1; and,

Fig. 3 a partial section on the line 3—3 of Fig. 1.

In the drawing, I have shown at 5 my improved table member which is preferably composed of transparent material, such as glass and the like which is reinforced by side strips 6 secured to leg members or standards 7 joined by brace rods 8.

The support for the table member 5 may be of any desired construction, such as is commonly employed in drafting tables or boards of the class under consideration, the distinctive feature being the provision of the transparent table member 5. In practice, I preferably mount upon the table member 5 two band members 9 which are adjustable longitudinally thereof and which may be clamped in any position of adjustment by a suitable screw 10 shown in Fig. 3 of the drawing, and these band members are adapted to be used for securing a suitable work sheet or sheets on the table member 5 in a predetermined position.

In carrying my invention into effect, I also employ an illuminating device or element 11, preferably comprising a light bulb 12, reflector 13 and a flexible strandard 14 which is adjustably secured to one of the brace rods 8 by a suitable clamp device 15, as clearly shown in Fig. 3.

In the use of my improved drawing table or board, it will be apparent that a drawing to be traced or reproduced is first placed upon the table member 5 beneath the bands 9 and a sheet of tracing paper placed thereon in the usual manner, and by reason of the light or illuminating device 11 beneath the table member 5 an accurate reproduction or tracing may be produced, and by reason of the adjustable properties of the illuminating device or element 11, the light rays may be positioned beneath the table member 5 to produce the most effective results.

It will be apparent that while I have shown a specific support for the table member 5 and a specific form of illuminating device, that I am not necessarily limited in these respects, and various changes in and modifications of the construction herein shown and described may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A drafting table or board of the class described, comprising a table member composed of transparent material, a support for said table member an illuminating element having a flexible supporting standard, said standard being detachably and adjustably mounted on said table support beneath said table member, whereby said illuminating element may be positioned to project its rays at right angles to any point on the bottom face of said transparent member.

2. A drafting table or board of the class described, comprising a glass table member,

triangular supports for said member, longitudinal braces connecting said supports, means on said table member for securing work thereon, an illuminating element having a reflector and a flexible standard detachably and adjustably mounted on one of said braces whereby said illuminating element may be positioned to project its rays at right angles to any point on the bottom face of said table member.

In testimony that I claim the foregoing as my invention I have signed my name this 9th day of May 1922.

SAMUEL FINKELSTEIN.