Feb. 6, 1923. 1,443,998

B. MELTZER,
DRAWING TABLE.
FILED JAN. 28, 1922.

Fig. 1.

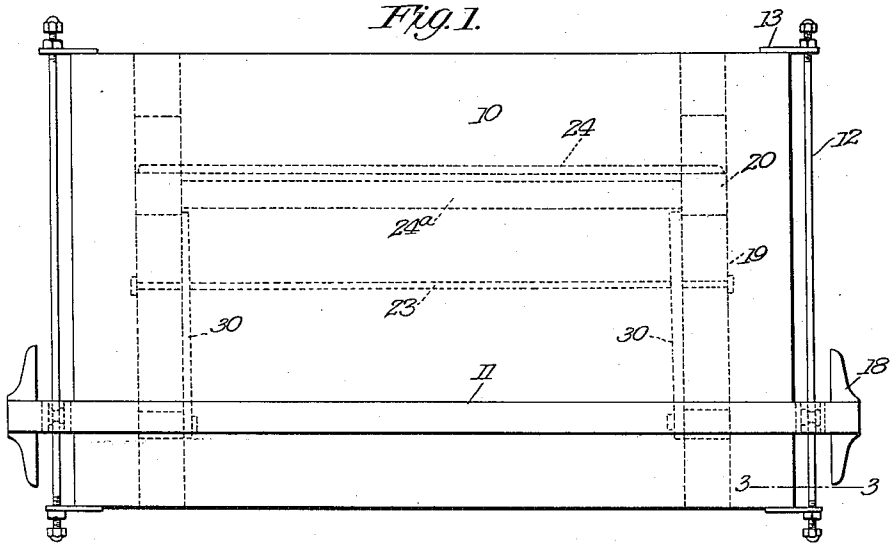


Fig. 2.

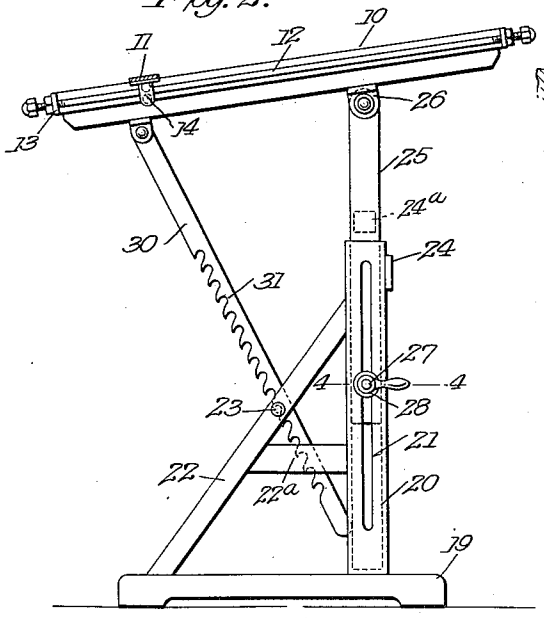


Fig. 3.

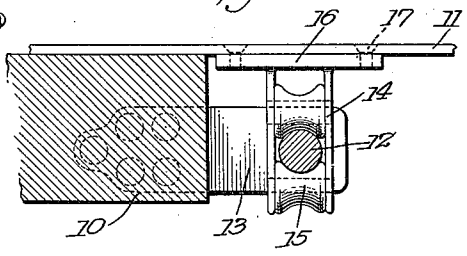
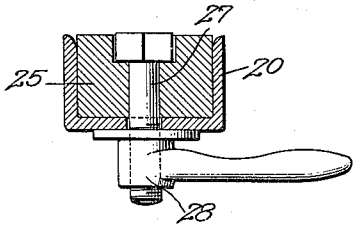


Fig. 4.



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UNITED STATES PATENT OFFICE.

BENJAMIN MELTZER, OF BROOKLYN, NEW YORK.

DRAWING TABLE.

Application filed January 28, 1922. Serial No. 532,426.

To all whom it may concern:

Be it known that I, BENJAMIN MELTZER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Drawing Tables, of which the following is a specification.

This invention relates to a table intended, primarily, for drafting work, and has as its object the provision of a simple and readily adjustable support for the table top permitting various adjustments, as required.

Another object of the invention is to provide a table top having slidably secured thereto a T-square which may be moved along the top of the table whenever desirable, and may be used without removing the same from the table, the support for the T-square permitting disposal of the latter so as not to interfere with the drafting work when the T-square is not required.

The above and other objects of the invention of a similar character, which will become obvious as the description proceeds, are obtained by providing a table top having pivotally secured thereto sections of supporting legs which are telescopically connected to uprights so that the table top may be vertically adjusted. Pivotal movement of the table top about the leg sections is prevented by means of a strut, also pivotally secured to the top, and having a plurality of longitudinally arranged teeth adapted to engage a cross bar extending between the supporting legs of the table beneath the top. The T-square may be slidably supported upon the table as by means of a bar arranged at one end of the top and spaced therefrom, a bracket being slidable upon the bar and having the T-square secured thereto.

In the accompanying drawings there is shown one form of a device in which the invention may be embodied, and in these drawings:—

Fig. 1 is a top plan view of the table,

Fig. 2 is a side elevational view,

Fig. 3 is a cross section on the line 3—3 of Fig. 1, and

Fig. 4 is a horizontal section of a leg on the line 4—4 of Fig. 2.

Referring to the drawings for a more detailed description, 10 indicates the table top having slidably mounted thereon a T-square 11. The T-square extends the length of the table and is mounted thereon so as to be readily movable across the top. Any suitable means may be used for the purpose of securing the T-square to the top, and in the present instance I have shown rods 12 disposed at each end of the top and spaced therefrom. These bars may be supported in corner brackets 13 and slidably support brackets 14 having rod engaging rollers 15 which facilitates sliding movement of the brackets along the rods. Each bracket is provided with a T-square abutting plate 16 to which the T-square may be secured, as by screws 17 positioned a short distance inwardly from the end of the T-square. It will be noted that the cross heads 18 upon the ends of the T-square extend slightly beyond the end of the table, and these serve as handles by which the T-square may be moved across the table top.

It will be observed that the T-square, when not in use, may be moved to a position adjacent the edge of the table, and when thus positioned will not interfere with drafting work in which the T-square is not required.

The table top is preferably supported so as to be slidable both rectilinearly and pivotally, a suitable form of support having these adjustments being shown in the drawings. The support comprises a base comprising a pair of spaced strips 19 positioned adjacent each end of the top and carrying uprights 20 formed, preferably, of channel irons having in their face-web slots 21. The uprights 20 are fixedly secured in substantially vertical position upon the base strips, as by means of brace bars 22 between which extends a cross bar 23. The brace bars are connected to the uprights 20 by members 22^a and additional cross bars 24, 24^a extend between the channel uprights to firmly brace the supporting structure. The channel bars forming the leg sections telescopically receive leg sections 25 pivotally connected to the table top as by means of ears 26 which are fixedly secured to the top. The pivotal leg sections 25 are provided with bolts 27 extending through the slots in the channel bars and receiving hand adjusting nuts 28 by means of which the leg sections may be locked in any adjusted position, depending upon the height of the top from the floor that may be desired by the draftsman. Pivotal movement of the top about the leg sections is prevented by means of a strut or struts 30 pivotally secured to the top and having a plurality of teeth 31 for the pur-

pose of engaging the cross bar 23. From the above description it will be observed that there is provided both a vertical adjustment of the top by means of the telescoping leg sections, and also a pivotal movement of the top about the ends of the leg sections 25, accidental pivotal movement being prevented by means of the struts 30.

It being understood that such modifications may be made in the illustrated and described embodiment of the invention as come within the scope of the following claims, what I claim is:

1. A table of the class described comprising a top, a plurality of legs formed of telescoping sections, one of said sections being stationary and the other of said sections being pivotally connected to said top, a cross bar beneath said top connected to said stationary leg sections, and a strut pivotally connected to the top and having a plurality of cross bar engaging teeth extending longitudinally thereof.

2. A table of the class described comprising a top, a bar at one end of said top spaced from said end and located in substantially the same horizontal plane with the top, end brackets secured to said top adjacent the corners of the top and to said bar adjacent the ends of the bar and maintaining the rod spaced from the table top, a bracket slidable along said bar, a roller bearing on said bracket engaging said bar, said bracket having a portion substantially flush with the surface of the table, a T-square having an end extending beyond the end of the top and secured to said portion of the bracket.

In testimony whereof I have hereunto set my hand.

BENJAMIN MELTZER.