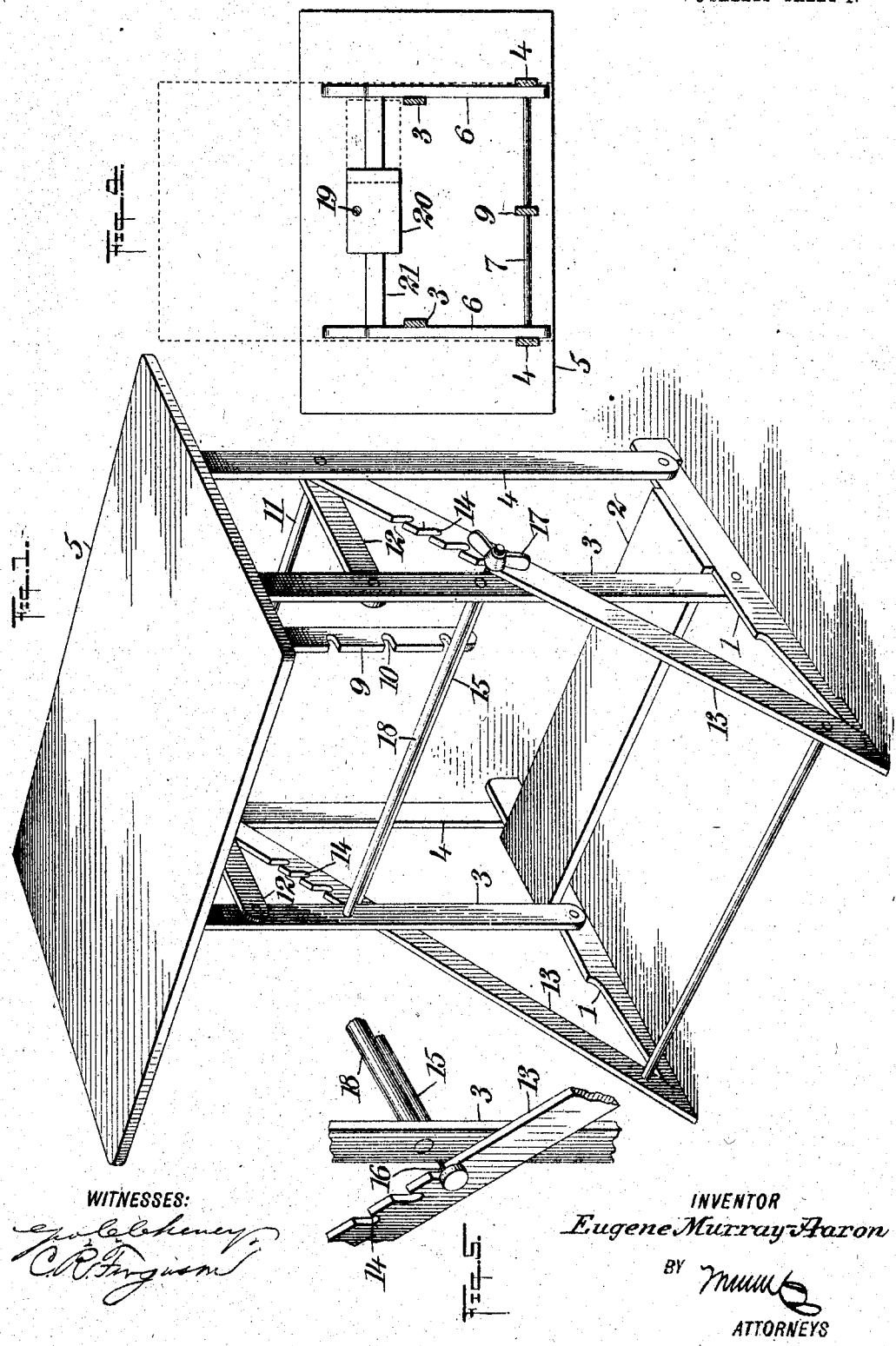
No. 796,239. PATENTED AUG. 1, 1905.

E. MURRAY-AARON.

TABLE.

APPLICATION FILED FEB. 15, 1905.

3 SHEETS—SHEET 1.



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3 SHEETS—SHEET 2.

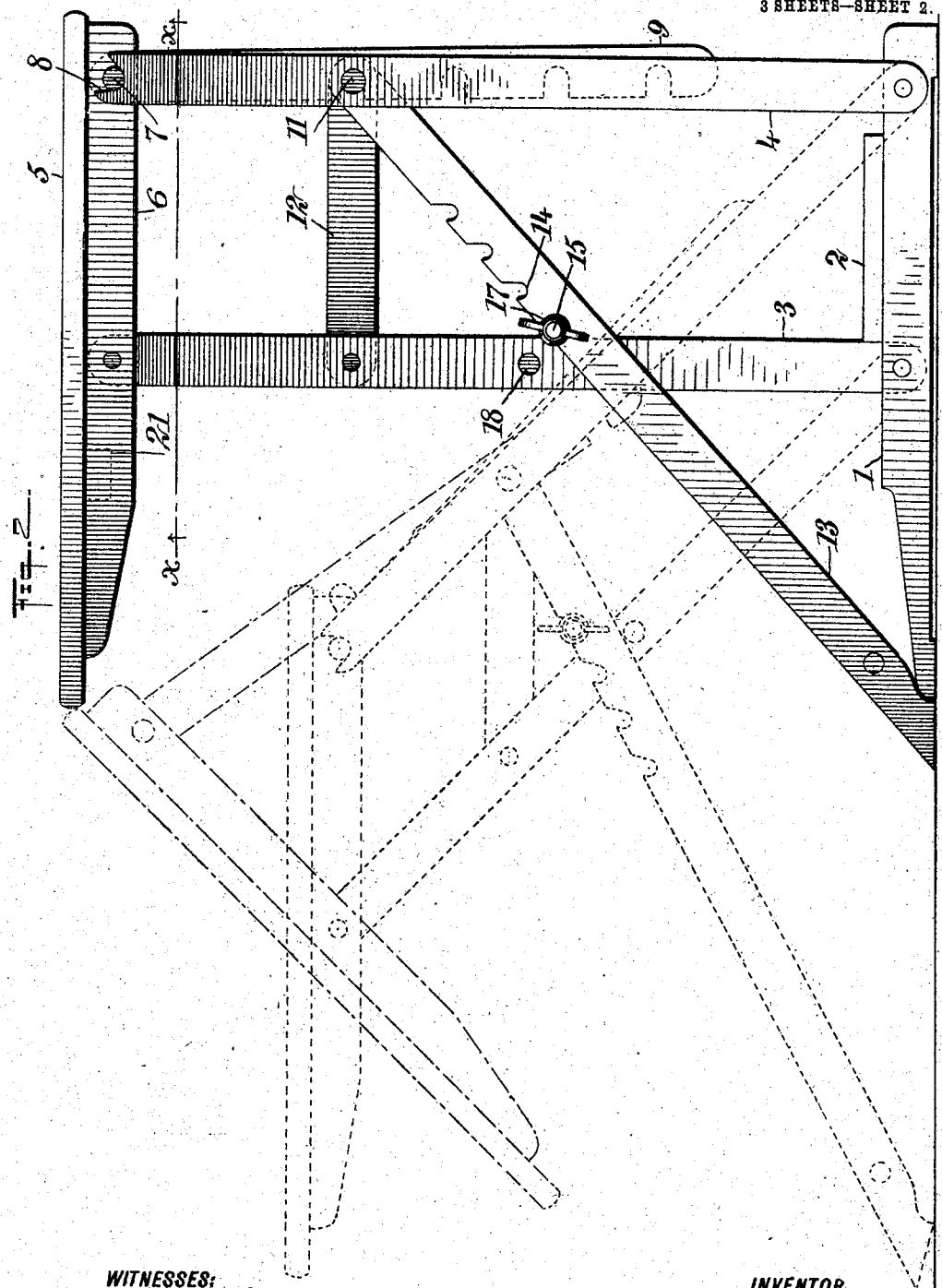


Fig. 2.

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3 SHEETS—SHEET 3.

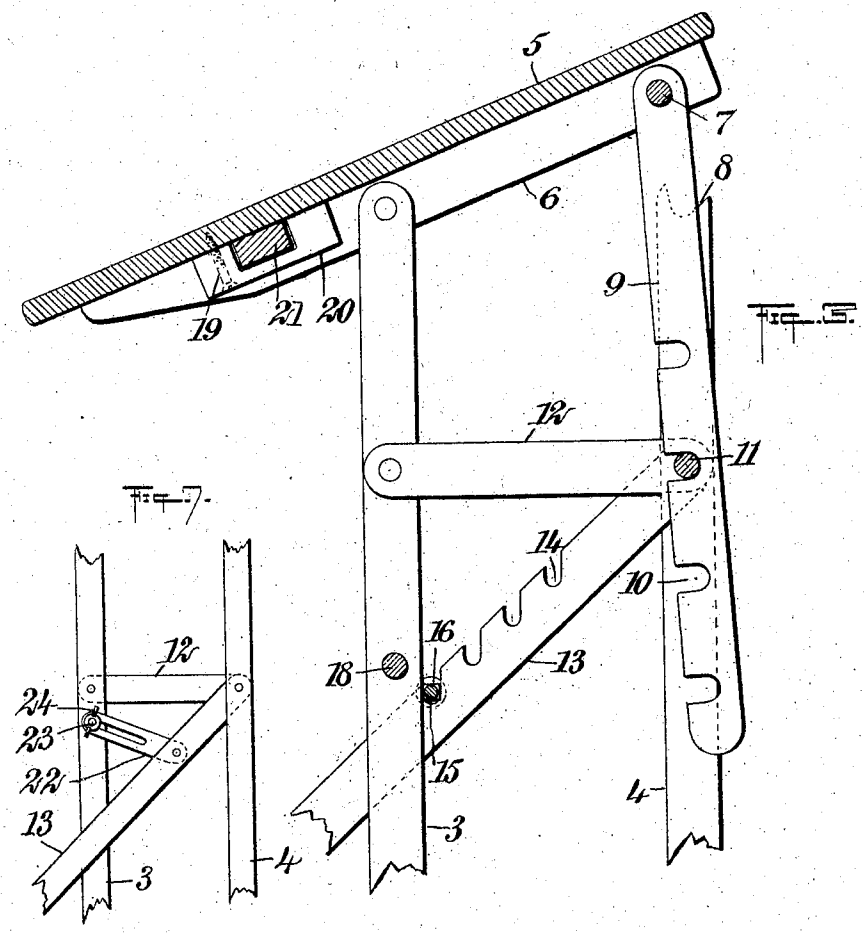
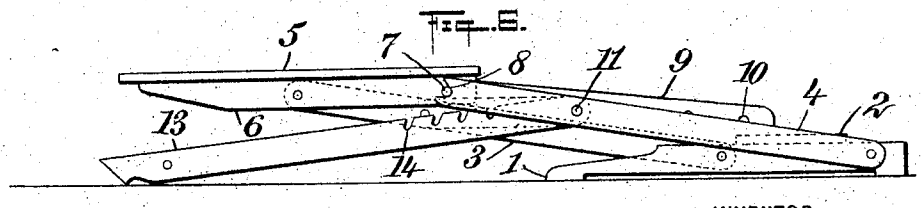


FIG. 5.

FIG. 7.

FIG. 6.



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UNITED STATES PATENT OFFICE.

EUGENE MURRAY-AARON, OF CHICAGO, ILLINOIS.

TABLE.

No. 796,239. Specification of Letters Patent. Patented Aug. 1, 1905.

Application filed February 15, 1905. Serial No. 245,737.

To all whom it may concern:

Be it known that I, EUGENE MURRAY-AARON, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Table, of which the following is a full, clear, and exact description.

This invention relates to improvements in tables of the adjustable and folding type, the object being to provide a table of this character so constructed that by moving the table-top forward or rearward the height may be adjusted, maintaining the top in horizontal position, thus providing a table desirable for various purposes.

Another object is to so mount the table that it may be tilted and held at any desired angle to provide a drawing-board, book-rest, or the like.

Other objects of the invention will appear in the general description.

I will describe a table embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a table embodying my invention. Fig. 2 is an end elevation thereof. Fig. 3 is a sectional view showing the top as tilted. Fig. 4 is a section on the line x x of Fig. 2. Fig. 5 is a fragmentary view showing the arrangement of one end of a clamping-rod employed. Fig. 6 shows the table as folded for convenience in storage or transportation, and Fig. 7 is a fragmentary view showing a slight modification.

Referring to the drawings, 1 designates the foot-bars, which are connected rigidly together by a foot-rest 2. Pivotally connected to the foot-bars 1 and extended upward therefrom are the front legs 3, and also extended upward from the rear end of the foot-bars are the rear legs 4. It will be noted that the front legs are arranged at the inner side of the foot-bars, while the rear legs are arranged at the outer side thereof. This is for the accommodation of braces or struts to be hereinafter described.

Extended transversely underneath the table-top 5 are cleats 6, to which the upper ends of the front legs 3 have pivotal connection. The rear ends of these cleats are connected by a rod 7, designed to removably engage in notches 8, formed in the upper ends of the rear legs, and whereby the table-top may be swung upward to any desired incline and held as adjusted by a locking-bar 9, mounted to swing on the rod 7 and designed to receive in any one of its notches 10 a cross-rod 11, connected to the rear legs, and thus hold the table-top at the required angle. It is necessary that the front and rear legs shall in any of their adjusted positions, either upright or at an angle, maintain their parallelism. Therefore the front and rear legs of each side are connected pivotally to a link 12. At the opposite ends of the table are the brace or strut bars 13. These extend at an upward and rearward angle along the outer sides of the front legs and along the inner sides of the rear legs and have swinging connection with the rod 11. The bars 13 are each provided with a series of notches 14, in any one of which a clamping-rod 15 may engage. This clamping-rod has an angular portion, as indicated at 16, at its head end, so that said angular portion by engaging in a notch in one of the bars 13 will be held from rotary movement while the clamping-nut 17 is turned on the opposite threaded end. This rod 15 is designed to engage against the inner or rear sides of the front legs, as clearly indicated in the drawings, to hold said legs as adjusted. Some of the positions the table may assume are indicated by dotted lines in Fig. 2.

When the legs are adjusted as to angle, the nut 17 is to be manipulated to clamp the bars 13 tightly against the front legs. These front legs will be held from movement toward each other by means of a tie-rod 18. The top 5 is so mounted that it may be rotated from its position lengthwise of the table, as indicated in Fig. 1, to positions at right angles thereto, as indicated by dotted lines in Fig. 4, and this turning of the top will be found desirable under certain conditions—that is, when the table is to be placed in a comparatively small space. To permit of this rotary movement, the top 5 has a pivotal connection 19 with a block 20, mounted to slide on a bar 21, attached to the cleats 6. When the table-top is in the position indicated in Fig. 1, the block 20 will be at one end of the bar 21, as shown in dotted lines in Fig. 4. When the top is turned, however, the block is to be slid to the center of the bar, as indicated by full lines in Fig. 4. Instead of providing the struts 13 with the notches 14 and employing the clamping-rod 15 I may use the means for holding the parts adjusted, as shown in Fig. 1,

consisting of plates 22, pivoted to the struts 13 and longitudinally slotted to receive threaded lugs 23 on the legs 3 and engaged by clamping-nuts 24. It is obvious, however, that the plates may be pivoted to the legs 3 and the studs placed on the struts and that said plates may be curved instead of straight, as shown.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A table comprising foot-bars, front and rear legs having pivotal connection with the foot-bars, link connections between the legs of a side to maintain said legs in parallelism, a top having swinging connection with the legs, struts having swinging connection with the rear legs and extended at a forward and downward angle, said struts being provided each with a series of notches, and a clamping-bar engaging in notches of the opposite struts and also adapted to engage with the rear sides of the front legs.

2. A table comprising foot-bars, front and rear legs pivotally connected to said foot-bars, link connections between the legs of a side, cleats having pivotal connection with the upper ends of the front legs, the rear legs being provided at their upper ends with outwardly-opening notches, a cross-rod connecting the rear ends of the cleats and adapted to engage in said notches, a top supported on the cleats, and means for supporting the legs and top as adjusted.

3. A table comprising foot-bars, a foot-rest connecting said bars, front and rear legs pivotally connected to the foot-bars, a cross-rod connecting the rear legs, the said rear legs having outwardly-opening notches at the top, links connecting the front and rear legs of a side, brace-bars or struts mounted to swing on said cross-rod and provided each with a series of notches, a clamping-rod for engaging in opposite notches and adapted to engage with the rear sides of the front legs, cleats having pivotal connection with the upper ends of the front legs, a rod connecting the rear ends of said cleats and adapted to engage in the notches of the rear legs, a bar mounted to swing on said last-named rod and having notches for receiving the first-named cross-rod and a top carried by said cleats.

4. A table comprising foot-bars, front and rear legs pivotally connected to said foot-bars, a cross-rod connecting the front legs, a cross-rod connecting the rear legs, links pivoted to the front legs and mounted to swing on said last-named cross-rod, brace-bars or struts mounted to swing on said last-named cross-rod and having notches, a clamping-rod having an angular portion for engaging in a notch of one of said struts, said clamping-rod being in contact with said front legs, a clamping-nut on the opposite end of said rod, and a top having swinging connection with the legs.

5. A table comprising foot-bars, front and rear legs mounted to swing thereon to different angles, means for maintaining the several legs in parallelism, means for supporting the legs as adjusted, cleats having swinging connection with the upper ends of the front legs, and detachable connection with the rear legs and a top supported by the cleats and having horizontal swinging relation thereto.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EUGENE MURRAY-AARON.

Witnesses:

HERALD P. ARNT,

ELLEN BOYD GILL.