

M. THUM.
TABLE ATTACHMENT FOR FURNITURE.
APPLICATION FILED JULY 18, 1916.

1,228,618.

Patented June 5, 1917.
2 SHEETS—SHEET 1.

Fig. 1.

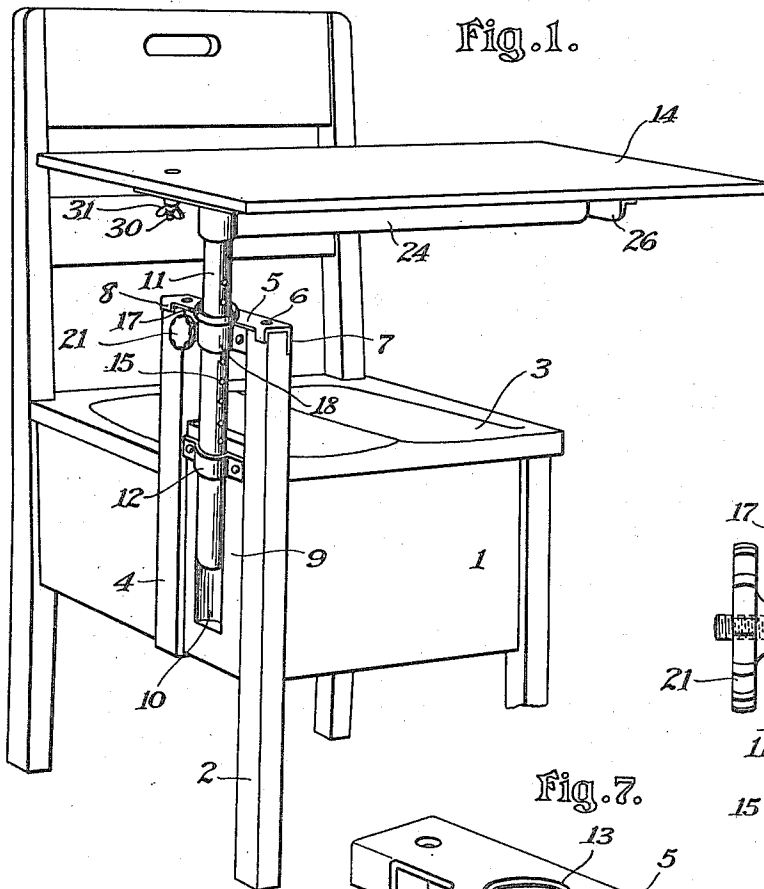


Fig. 3.

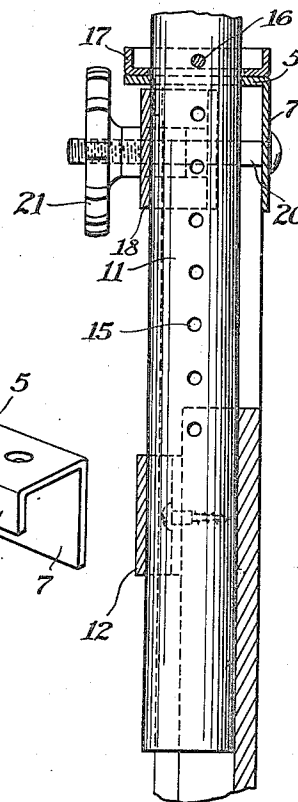


Fig. 7.

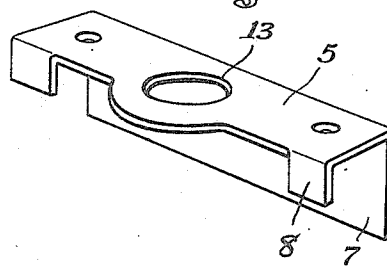
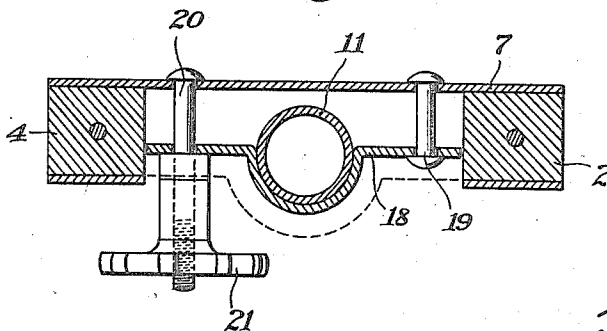


Fig. 2.



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Fig. 4.

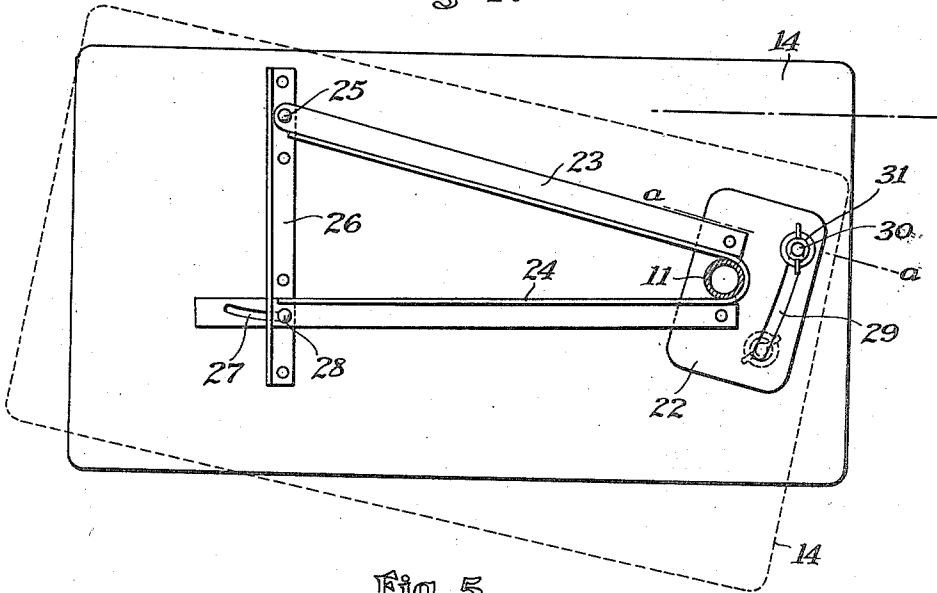


Fig. 5.

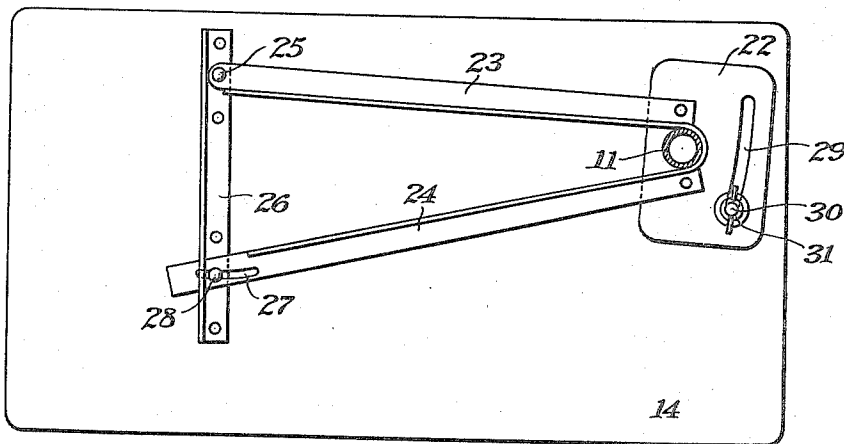
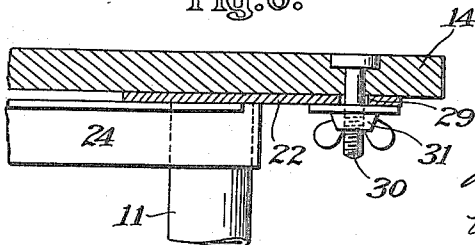


Fig. 6.



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UNITED STATES PATENT OFFICE.

MARTIN THUM, OF ROCHESTER, NEW YORK, ASSIGNOR TO LANGSLOW FOWLER COMPANY, OF ROCHESTER, NEW YORK, A CORPORATION.

TABLE ATTACHMENT FOR FURNITURE.

1,228,618.

Specification of Letters Patent.

Patented June 5, 1917.

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To all whom it may concern:

Be it known that I, MARTIN THUM, a citizen of the United States, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Table Attachments for Furniture, of which the following is a specification.

The present invention relates to table attachments for furniture, being in this instance designed for attachment to chairs so that it may be used for a book rest, writing table, or the like. An object of the invention is to provide an improved means for attaching a table to a chair. Another object of the invention is to provide a table attachment which may be readily shifted to occupy different positions with reference to its supporting member.

To these and other ends, the invention consists of certain parts and combinations of parts all of which will be hereinafter described, the novel features being pointed out in the appended claims.

In the drawings:—

Figure 1 is a perspective view of the attachment mounted upon a chair;

Fig. 2 is a horizontal section through the clamp;

Fig. 3 is a vertical section through the clamp and its supporting means;

Fig. 4 is a view of the under side of the table showing the latter in one position on its supporting standard which is shown in section;

Fig. 5 is a similar view showing the table in another position;

Fig. 6 is a section on the line *a—*a**, Fig. 4; and

Fig. 7 is a perspective view of the guide and cross-piece in which the standard of the table moves.

Referring more particularly to the drawings, 1 indicates a chair having one of its front legs 2 extended above the seat 3. To one side of, and parallel with, the leg 2, an upright 4 is secured to the chair and it also extends above the seat 3. The upper ends of the extensions of the leg 2 and the upright 4 are connected by a cross-piece 5, preferably in the form of a sheet-metal plate secured by fasteners 6 and having a downwardly extending flange 7 as well as flanges 8 on the opposite side, said flanges cooperating with opposite faces of the extensions.

The side panel 9 of the chair between the leg 2 and the upright 4 is extended above the chair bottom 3 and has a groove 10 in its front face for receiving the standard 11 of the table. A strap 12 may be secured to the front face of the side panel 9 to retain the standard 11 within the groove 10. The standard 11 is also guided in an opening 13 in the cross-piece 5.

With the end in view of adjustably connecting the standard 11 to its support so that the table 14, which is arranged at the upper end of the standard, may be turned in different planes about a vertical axis with the standard, the standard is provided with a vertical series of transverse or horizontal openings 15, any one of which is adapted to receive a pin 16 so that the latter may project from opposite sides of the standard. In order to prevent the surreptitious or accidental removal of this pin from the standard, a cup-shaped member 17 is provided about the standard 11 and this pin is received within the cup-shaped member when the latter rests upon the top of the cross-piece 5, thus permitting the turning of the standard 11 while holding the latter in its adjusted position. The table may be raised or lowered by elevating the standard to bring the pin 16 out of the cup-shaped member after which the pin may be removed from its opening and placed in any other opening.

A means may be provided for holding the standard 11 against turning, this means comprising preferably a clamping member 18 which is loosely mounted on a pin or rivet 19 and has an opening at its opposite end fitting over a pin screw 20, and a nut 21 operates on said screw to cause the clamp 18 to bear against or to release the standard 11. Preferably the pin 19 and screw 20 are mounted on the depending portion 7 of the cross-piece 5. Tightening of the nut 21 forces the standard against one wall of the opening 13 in the cross-piece and also against a wall of the groove 10 of the panel 9.

Another feature of this invention is the means by which a table is supported on its standard 11 in such a manner that it may be moved forwardly and rearwardly for the purpose of being adapted to the desires of the person in the chair, said means permitting the table to be adjusted so that its front edge is always parallel with the front of

the chair. In this instance, a plate 22 is rigidly secured to the upper end of the standard 11 and from this plate two arms 23 and 24, preferably formed of angle iron, extend. One of these arms is pivoted at 25 to an angle iron strip 26 on the under side of the table 14 while the other arm is slotted at 27 and works on a headed pin 28 on the strip 26, the end of the arm 24 operating through a slot in the arm 26. In order to secure the table in its adjusted position on the frame formed by the plate 22 and arms 23 and 24, any suitable means may be employed, but in this instance the plate 22 is slotted at 29, and a bolt 30 on the table 14 extends through the slot and has a clamp nut 31 thereon which forces the plate 22 against the under side of the table.

In using the invention, the table is adjusted vertically with reference to the seat by placing the pin 16 in the proper opening 15. If the clamp 18 be loosened, the table and standard may swing freely above the standard as an axis. The table 14 is adjusted on the frame at the upper end of the standard to adapt it to the user, while the standard 11 is free to rotate on the chair, after which the two clamping means are rendered effective to hold the standard 11 against rotation, and the table 14 against turning on the frame at the upper end of the standard. This invention provides novel means of securing a table attachment to a chair, such means being simple in construction and inexpensive to manufacture. The table is adjustable on its standard and the standard is adjustable vertically so it is possible to adapt the table to the user of the chair.

What I claim as my invention and desire to secure by Letters Patent is:—

1. In combination with a metallic plate having a guide opening therein and also having a downwardly-turned portion at one side of the guide opening, a standard guided in the opening in the plate, a table carried by said standard, and an adjustable clamp secured to the downwardly-turned portion of the plate and engaging the standard.

2. In combination with a suitable support having a guide member, a standard movable in the guide and provided with a plurality of transverse openings, a pin adapted to fit in any of said openings, and a cup-shaped member surrounding the guide member, abutting the top of the guide member and

serving as an abutment for the pin in the standard.

3. In combination with a guide plate having an opening and a depending flange, a standard guided in said opening, a clamping member, a pin pivotally connecting one end of the clamping member to the depending flange on one side of the standard, a screw pin passing through the clamping member and secured to the depending flange on the opposite side of the standard and a thumb-nut engaging said screw pin.

4. In combination with a chair, a standard mounted to turn thereon at one side of the seat of the chair, a frame extending laterally from the upper end of the standard, and a table pivotally supported on the frame to turn about an axis parallel to the axis of turning of the standard, said table extending from one side of the seat to the other and being horizontally arranged.

5. In combination with a chair, a standard mounted to turn thereon to one side of the seat, a frame rigidly secured to the upper end of the standard and extending over the seat, a horizontally arranged table pivoted to the frame to turn about an axis parallel to the turning axis of the standard, means for securing the standard in an adjusted position about its turning axis, and means for securing the table in an adjusted position about its turning axis on the frame.

6. In combination with a suitable support, a standard mounted to turn on the support, a pair of arms extending from said standard, a table supported on the arms, being pivoted to one of the arms and having a pin-and-slot connection with the other, means for securing the standard in an adjusted position about its turning axis, and means for securing the table against turning on the arm on which it is pivoted.

7. In combination with a suitable support; a standard mounted to turn on the support; a frame secured to the standard and comprising a plate provided with a slot and a pair of arms extending from the plate; a table pivoted to one of the arms and having a pin-and-slot connection with the other arm; a pin projecting from the table through the slot in the plate, a thumb nut operating on the screw to clamp the table in its adjusted position, and means for holding the post in its adjusted position.

MARTIN THUM.