H. S. TAYLOR.

BOOK SUPPORT AND WRITING TABLE.

APPLICATION FILED AUG. 7, 1919.

1,377,230. Patented May 10, 1921.

2 SHEETS—SHEET 1.

Fig. 1.

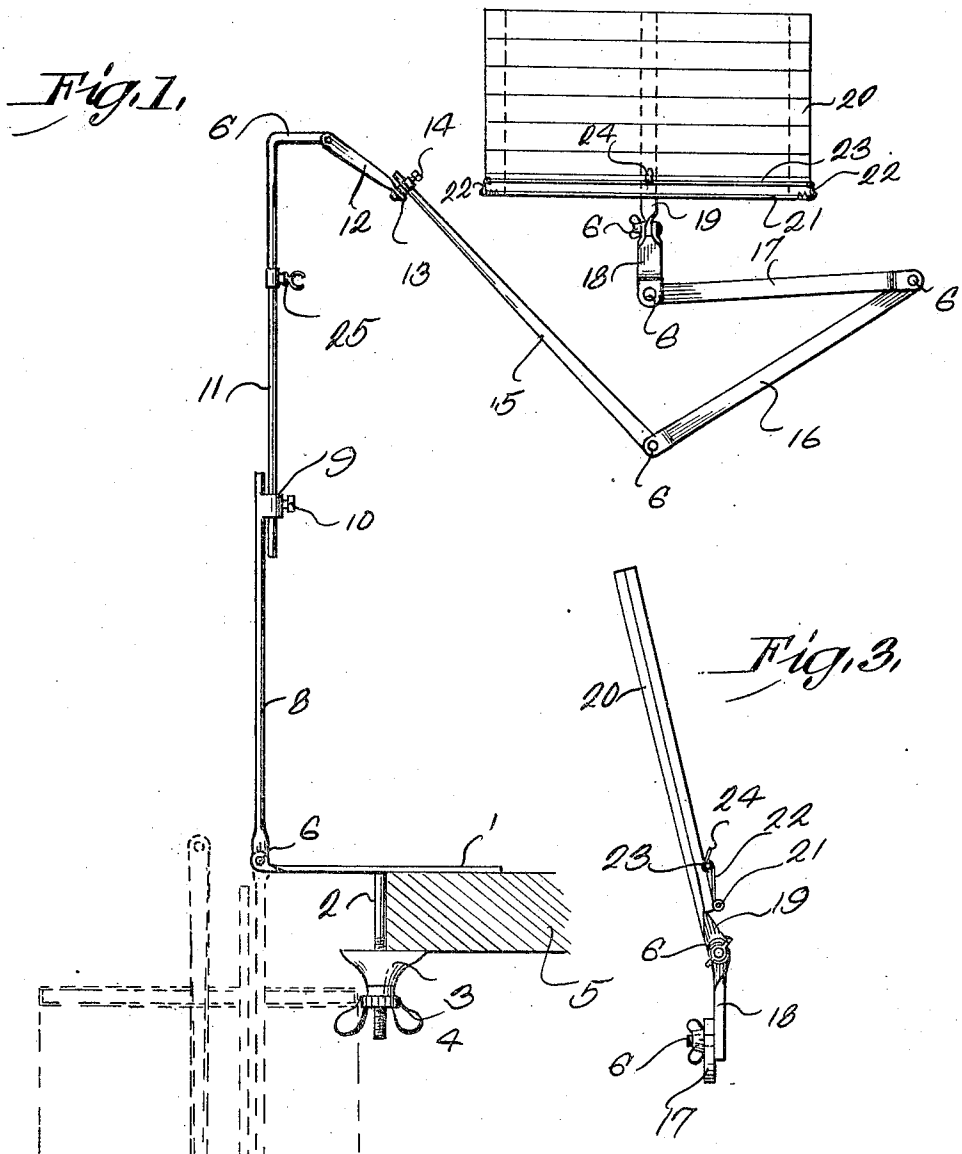


Fig. 3.

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2 SHEETS—SHEET 2.

Fig. 2.

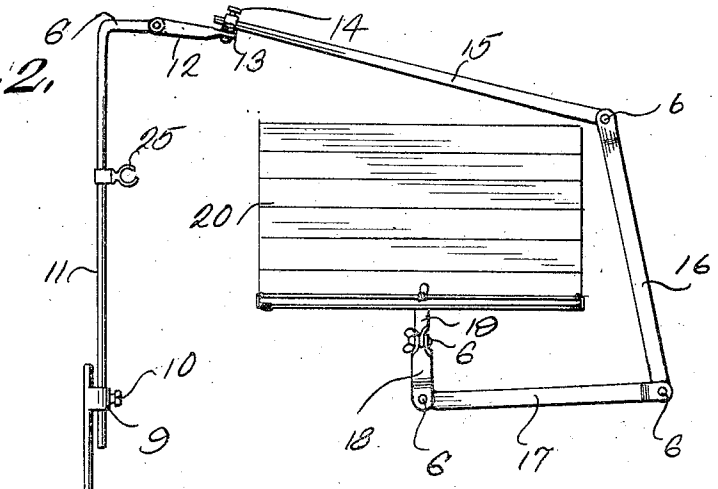
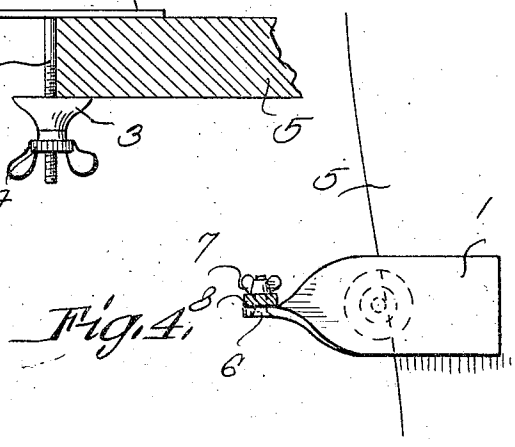


Fig. 4.



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UNITED STATES PATENT OFFICE.

HENRY S. TAYLOR, OF DALLAS, TEXAS.

BOOK-SUPPORT AND WRITING-TABLE.

1,377,230. Specification of Letters Patent. Patented May 10, 1921.

Application filed August 7, 1919. Serial No. 315,913.

To all whom it may concern:

Be it known that I, HENRY S. TAYLOR, a citizen of the United States, residing at Dallas, in the county of Dallas and State of Texas, have invented certain new and useful Improvements in a Book-Support and Writing-Table, of which the following is a specification.

The invention relates to adjustable supporting means which may be utilized either as a table or as a support for a book, magazine or analogous article, the device being adjustable in any one of its uses to suit the convenience of the person utilizing the same.

One of the principal objects of the invention is the provision of a device of the character herein stated, which while adjustable may likewise be folded into compact form so as to be out of the way and occupy a comparatively small space when not required for immediate service.

The drawing illustrates a preferred embodiment of the invention, however, it is to be understood that in adapting the same to meet different conditions, various changes in the form, proportion, and minor details of construction may be resorted to without departing from the nature of the invention as claimed hereinafter.

In the drawings:

Figure 1 is an elevation of an appliance of the character stated, embodying the invention, the full lines showing an adjusted position for use, and the dotted lines showing a folded position when the device is not required for immediate service,

Fig. 2 is a view similar to Fig. 1 showing a different adjusted position,

Fig. 3 is a detail view showing the support or rest in edge view, and

Fig. 4 is a detail view of the clamp, the rod pivoted thereto being in section.

Corresponding and like parts are referred to in the following description and indicated in the several views of the drawings in like reference characters.

The appliance comprises a support, a clamp, and a plurality of intermediate connections.

The clamp consists of a member 1, a stem 2, an element 3, and a nut 4, the latter being threaded on the stem 2. The member 1 consists preferably of a plate to which the stem 2 is firmly attached. The element 3 is loose upon the stem 2 and is of circular outline. The nut 4 may be of any form, its purpose being to draw the parts 1 and 3 together so as to clamp the support 5, received between them. The support 5 may be the arm or back of a chair or part of a bed, or analogous part of which the device may be required to be attached. The member 1 is extended, and an element of the intermediate connection between the clamp and support is pivotally connected thereto by means of a fastening 6 which consists of a threaded element made fast at one end to the member 1 and having its opposite end portion threaded to receive a nut 7. A fastening of this nature is utilized for adjustably connecting the several elements or parts comprising the intermediate connecting means. A rod 8 has one end flattened and overlapping the extended end of the member 1 and secured thereto by means of a fastening 6. A sleeve 9 is provided near the free end of the rod 8 and receives a screw 10. A second rod 11 is adjustable in the sleeve 9 and secured therein in the adjusted position by means of the screw 10. The free end of the rod 11 is flattened and overlaps the flattened end of a rod 12, the two rods 11 and 12 being adjustably connected by means of a fastening 6. A sleeve 13 is provided at the outer end of the rod 12 and receives a screw 14. A rod 15 is adjustable in the sleeve 13 secured therein by means of the screw 14. A rod or like part 16 is adjustably connected to the free end of the rod 15 by means of a fastening 6. A rod or like part 17 is adjustably connected to the outer end of the rod 16 by means of a fastening 6. A short member 18 is adjustably connected to the free end of the part 17 by means of a fastening 6, and the part 18 preferably consists of a flat element having an end portion folded, to receive between the folded parts an element 19 which is adjustably connected thereto by means of a fastening 6 in the manner herein before described.

The support or rest is indicated at 20 and may be of any construction so as to form a table or a rest for books, magazines, or the like. A rod 21 is disposed at the lower edge of the support 20 and springs 22 at the ends of the rod 21, are connected at their free ends by means of a rod which parallels the rod 21. The rod 23 is yieldably held in contact with the support 20 by means of

the springs 22. A finger piece 24 projects from the rod 23 and provides convenient means for moving the rod 23 away from the support 20 when it is required to place a book or like article in position upon the support so as to be held in convenient position to be read.

The support 20 may be adjusted to a variety of positions either vertically or horizontally, provision being had for the various adjustments by means of the plurality of sections or parts forming the intermediate connecting means between the support and the clamp. When the support 20 is adjusted to occupy a horizontal position it may be used as a table, for receiving any article to be supported. When adjusted so as to occupy an upright position the support 20 may be used as a rest for receiving a book, magazine or the like. The clamp admits of the device being readily attached to the arm or back of a chair or to any other convenient supporting means. When the device is not required for immediate service it may be folded into compact form and turned so as to be out of the way substantially as indicated by dotted lines in Fig. 1. To prevent interference of the connecting parts with one another their end portions are laterally offset so that the connecting members or parts may clear one another as will be readily comprehended.

For convenience of supporting an ink bottle a clip 25 is provided and attached to one of the parts as 11, such clip being shown in Figs. 1 and 2.

The foregoing description and the drawings have reference to what may be considered the preferred, or approved, form of my invention. It is to be understood that I may make such changes in construction and arrangement and combination of parts, materials, dimensions, et cetera, as may prove expedient and fall within the scope of the appended claims.

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

A book support comprising a book rest, a clamp adapted to grip an overhanging member, linkages interconnecting the clamp and rest allowing a universal movement in positioning the book rest and the collapsing of the members below the overhanging member, said linkages including an extension of said clamping member coplanar therewith to extend the overhanging member and a pivoted joint at the end of said extension to a rod, a longitudinal eye in said rod, an extension bar slidable in said eye provided with a member pivoted to its end and slidably mounting a set of pivoted members.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY S. TAYLOR.

Witnesses:

EARL Z. CROWDEN,

MISS A. HOOTER.