

No Model.

D. J. WILSON.
ADJUSTABLE BOOK SUPPORT.

No. 562,749.

Patented June 23, 1896.

Fig. 1.

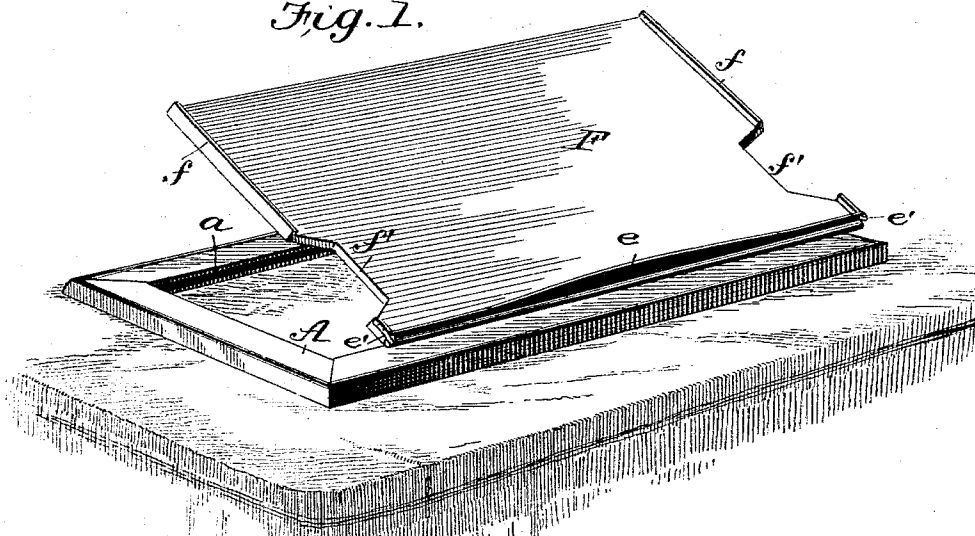


Fig. 2.

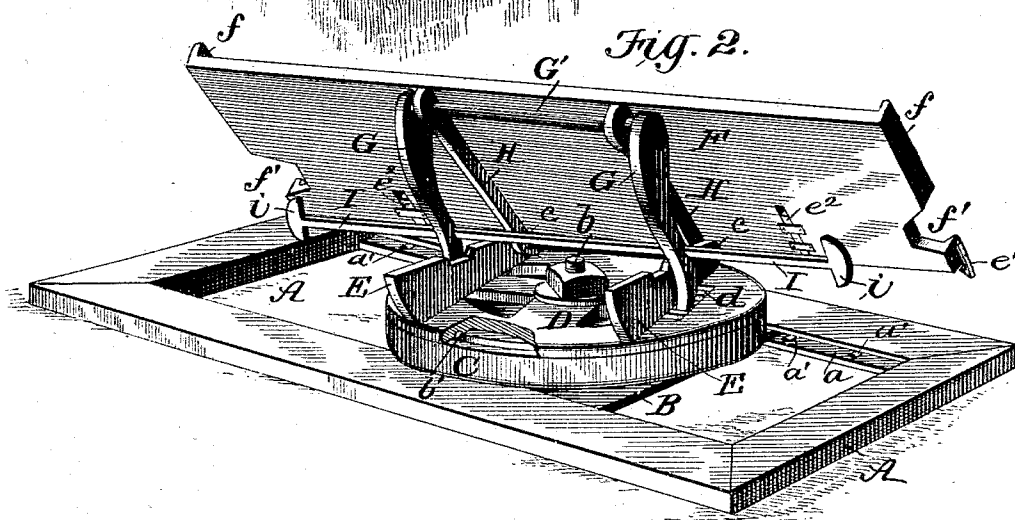
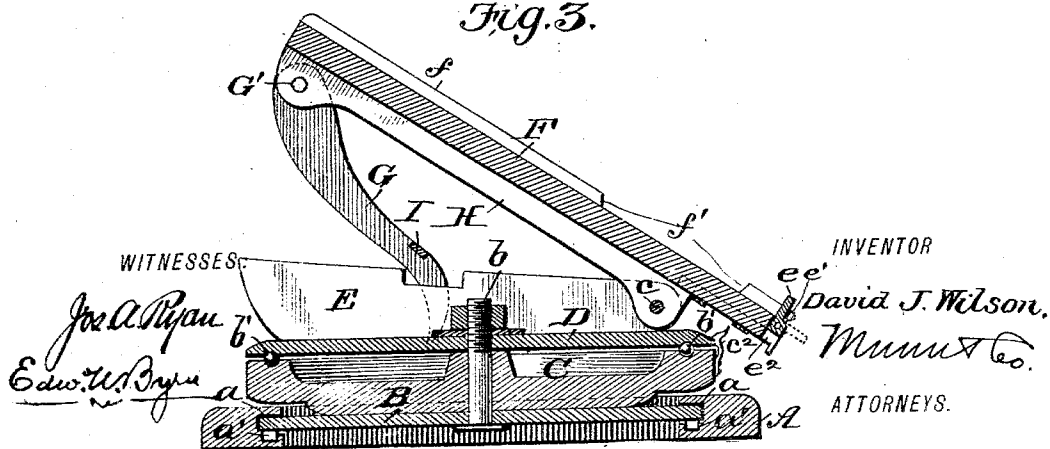


Fig. 3.



WITNESSES:

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DAVID J. WILSON, OF WASHINGTON, DISTRICT OF COLUMBIA.

ADJUSTABLE BOOK-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 562,749, dated June 23, 1896.

Application filed April 2, 1896. Serial No. 585,882. (No model.)

To all whom it may concern:

Be it known that I, DAVID J. WILSON, of Washington, in the District of Columbia, have invented a new and useful Improvement in Adjustable Book-Supports, of which the following is a specification.

The object of my invention is to provide an adjustable book-support designed to be screwed upon a desk or table, and more especially intended for use in or by commercial houses, banks, record-offices, and similar institutions for conveniently holding and manipulating ledgers and other heavy books, whose position the bookkeeper is required to frequently change in making the various entries and rulings thereon, obviating the necessity of using very high chairs and of tilting the ledger on the edge of the desk in order to reach the top lines, which movement is very injurious to heavy books, and also obviating all moving and sliding of the ledger, as required in posting.

To these ends my invention consists in the peculiar construction and arrangement of the parts of the book-support, whereby the book may easily, and without damaging strains, be brought to any required position to suit the convenience of the bookkeeper, as will be hereinafter more fully described with reference to the drawings, in which—

Figure 1 is a perspective view from the front, and Fig. 2 a perspective view from the back, of the device; and Fig. 3, a vertical transverse section through the center.

In the drawings, A represents a rectangular base-frame of wood or metal or both, in the adjacent edges of whose front and back bars are formed grooves *a a*, which receive and form guides for the ends of the sliding base B, which carries the book-holder. To reduce friction between the base B and the frame A, antifriction-rollers may be used, if desired, as shown at *a'*. Upon the base B a circular plate C is fixed, and upon this is mounted, by a central axis or king-bolt *b*, a turn-table D, which, if desired, may have a roller or ball-bearing connection with the subjacent plate C, as shown at *b'*.

On the top part of the turn-table D are rigidly fixed two parallel bars E E, which, as shown, are slightly inclined at their upper edges but may be made horizontal, if desired.

To the forward ends of these bars the book-holder F is hinged at *c*, so that its inclination may be varied from a position flat on the parallel-bars E E to any desired angle of elevation. To sustain this book-holder in its various positions as regards inclination, a pair of pawls G G is rigidly connected to a rock-shaft G' at their upper ends, which rock-shaft is journaled in bearings in parallel strips H H, fastened to the rear side of the holder. The lower ends of these pawls are received into a series of notches or teeth *d*, formed in the top of the turn-table, and may be adjusted in the same farther to the front or to the rear, according as it is desired to give to the book-holder a greater or less degree of inclination. To conveniently release these pawls, they are connected by a horizontal cross-bar I, extending out upon each side to near the edge of the book-holder, and at each end is provided a knob or handle *i*, intended to be caught by the fingers in the process of readjusting the book-holder to the normal position.

The book-holder F is composed of a single board protected by necessary castings or metal strips, (not shown,) to prevent warping or splitting, and having flanges *f f* along its side edges, and cut-away portions *f' f'* near the lower part of said side edges, which permit convenient grasp of the edges of the book in closing or removing it from the holder. To the lower horizontal edge of the holder is attached an upwardly-projecting flange *e*, which prevents the book from sliding off. This flange is preferably made, as shown, in the form of a hinged strip connected to the lower edge of the book-holder and adapted to be turned down, as indicated in dotted lines, into the plane of the holder F, so that it leaves a smooth and unobstructed surface to permit the holder to be used as a writing-desk or table when not required for holding a book. This flange *e* or hinged strip is provided with catches *e'* for holding it in place, and with a sliding rest *e''*, which, when the hinged strip is turned down, is pulled out to support the same.

If desired, a spring-catch or locking device may be arranged between the two parts of the turn-table, as shown at *c''*, to lock the parts in any desired position.

With the invention as thus described it

will be seen that a ledger may be slid sidewise, or be turned at any angle, or adjusted at any inclination, which greatly conduces to the comfort and convenience of bookkeepers and others in banks, record-offices, commercial houses, and similar institutions.

In defining my invention with greater clearness, I would state that I am aware that it is not new to provide a book-support which has a revolving turn-table, and also that it is not new to adjust the inclination of a book-support by a set of props or pawls engaging teeth on the base, and I make no claim to these features broadly.

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

1. A book-support comprising a horizontal frame having parallel guide-grooves or runways in the same, a sliding base moving in the same, a turn-table mounted upon said base, and a book-holder mounted upon the turn-table, substantially as and for the purpose described.

2. A book-support comprising a horizontal

frame having parallel guide-grooves or runways in the same, a sliding base moving in the runways, a turn-table mounted upon said base and having notches or teeth on its upper side, a book-holder hinged at its front edge to said turn-table, and having a pair of prop-pawls hinged to its upper edge and engaging adjustably with the notches on the turn-table, substantially as shown and described.

3. In a book-support, the combination of a turn-table having horizontal bars E E on its upper surface and notches on each side, a book-holder hinged to the front ends of these bars, a rock-shaft journaled in bearings at the upper end of the book-holder and having two pawl-props extending down to and engaging with the notches in the turn-table, and a cross-bar connecting the pawls and extended beyond the same and provided with operating-handles, substantially as shown and described.

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Witnesses:

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ESTELLE E. WILSON.