

(Model.)

W. B. SOLLIDAY.

BOOK REST.

No. 324,602.

Patented Aug. 18, 1885.

Fig. 1.

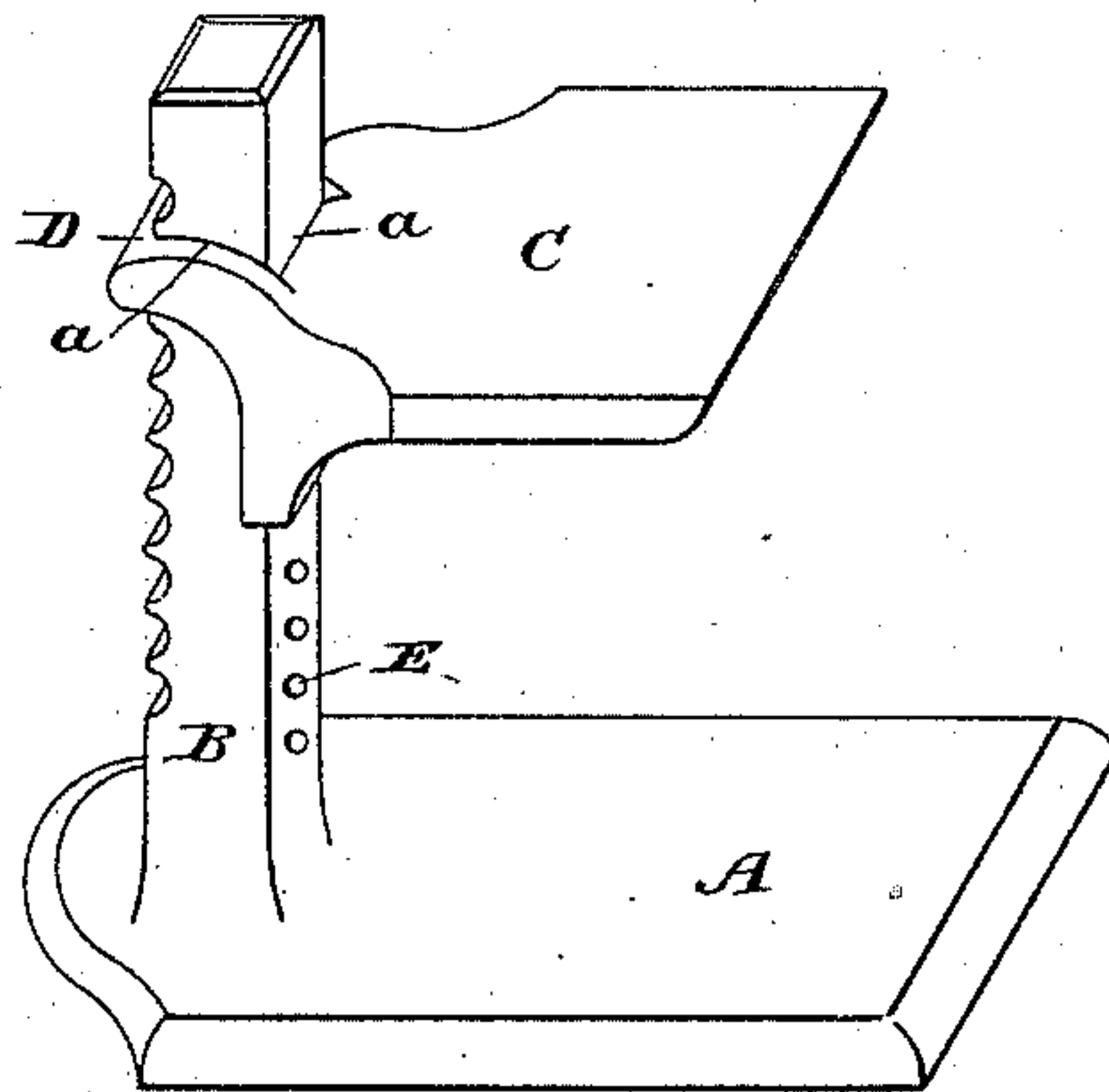


Fig. 2.

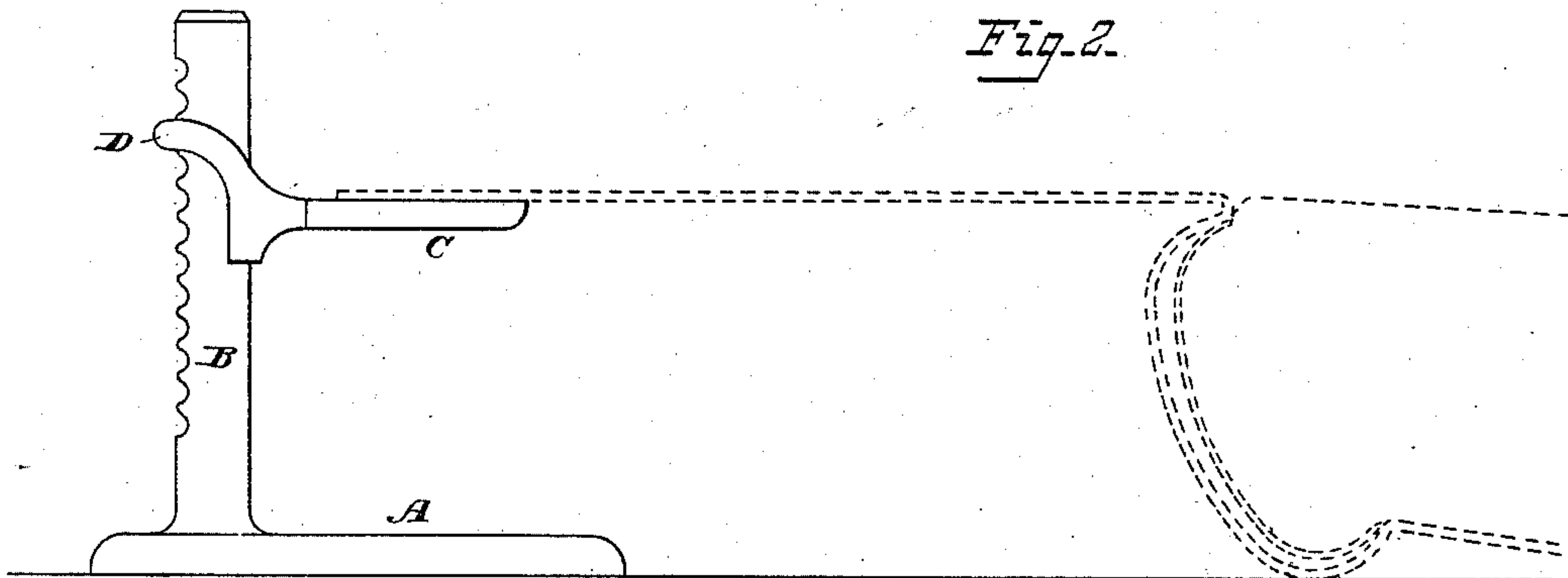
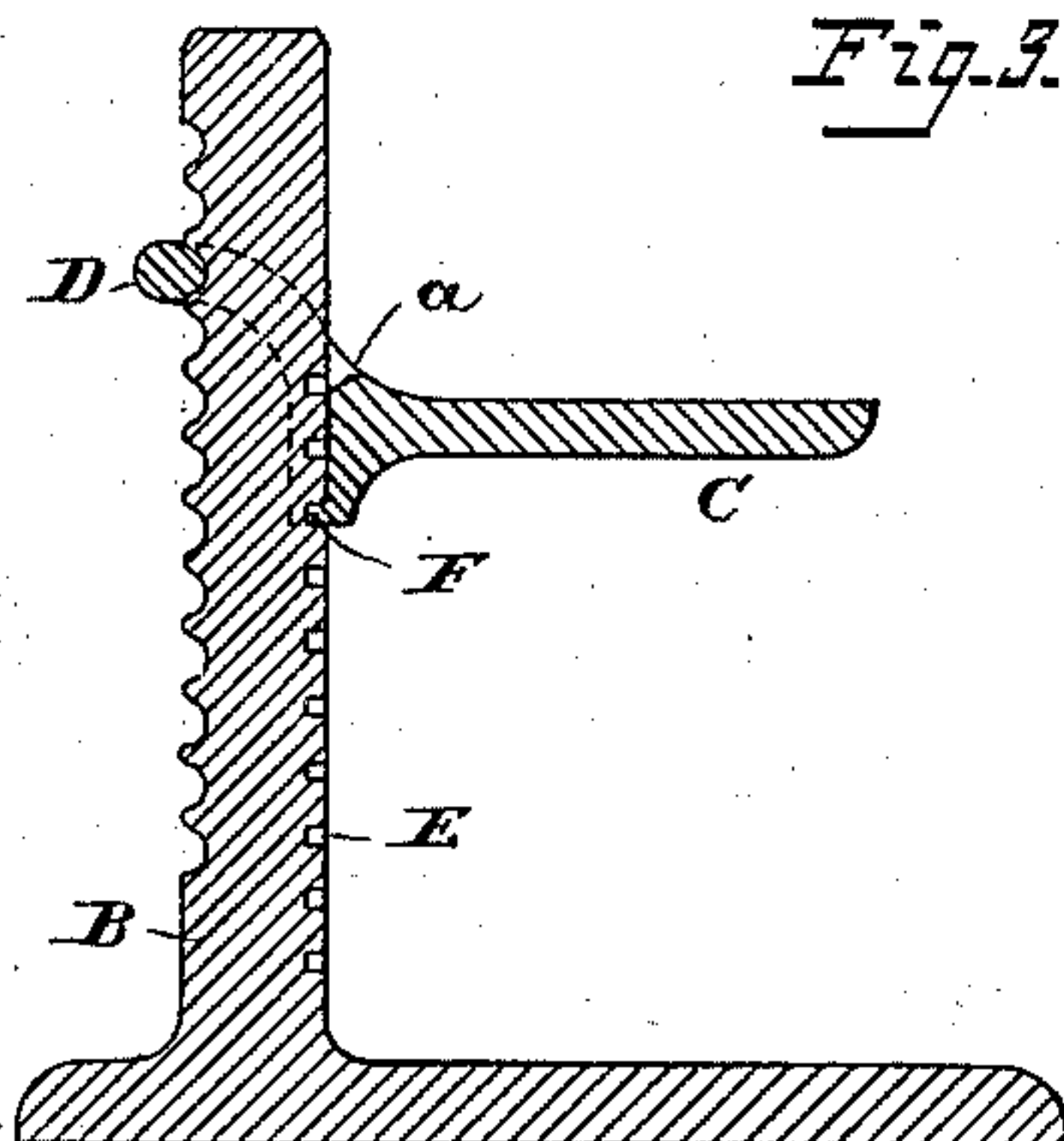


Fig. 3.



WITNESSES:

Th. Rolle.
W. F. Kircher

INVENTOR:
Wilson B. Solliday
BY *John A. Giedersheim* ATTORNEY.

UNITED STATES PATENT OFFICE.

WILSON B. SOLLIDAY, OF SOUTH EASTON, PENNSYLVANIA.

BOOK-REST.

SPECIFICATION forming part of Letters Patent No. 324,602, dated August 13, 1885.

Application filed February 6, 1884. (Model.)

To all whom it may concern:

Be it known that I, WILSON B. SOLLIDAY, a citizen of the United States, residing at South Easton, in the county of Northampton and State of Pennsylvania, have invented a new and useful Improvement in Book-Rests; which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective view of a book-rest embodying my invention. Fig. 2 is a side elevation thereof. Fig. 3 is a vertical section thereof.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of a book-rest having a vertically-adjustable shelf, which is provided with locking pins or teeth, which are diagonally arranged so as to interlock with the standard of the rest at different places and thus securely retain the shelf in its adjusted position, as will be hereinafter more fully set forth and definitely claimed.

Referring to the drawings, A represents the base of the rest, and B a standard rising therefrom. C represents a shelf or ledge, which is formed with an opening, *a*, through which the standard passes, whereby said shelf may be raised and lowered or vertically adjusted on the standard. One side of the standard is toothed or corrugated, forming a rack, E, and the opposite side has a number of openings, E', so that the standard may be said to be a double rack-bar. On the wall of the opening *a* is a transversely-extending tooth, D, and opposite thereto a tooth or pin, F, the tooth D being adapted to engage with the rack E and the pin F with the openings E', it being noticed that the tooth D is at the upper part of said opening *a* and the pin F at the lower portion thereof, or said tooth and pin are diagonally arranged in said opening and their points project toward each other.

It will be seen that when the shelf C is to be raised or lowered relatively to the height of a book to be rested thereon it is first raised and turns on the tooth of the rack E with which the tooth D is in contact, said tooth D

serving as a fulcrum. Owing to the circle described by the lower part of the wall the pin F emerges from the opening E' of the standard, the change of direction of the slot from vertical to horizontal then permitting both the tooth D and the pin F to be unlocked from the standard B and the shelf to be raised or lowered, as desired. When the adjusted position of the shelf is attained, the shelf is lowered, the tooth D then dropping in the proper tooth of the rack E, and the pin F entering the proper opening E', and thus, owing to the engagement of the upper and lower ends of the wall of the opening of the shelf with opposite sides of the standard, the shelf is tightly and positively held on the standard, it being noticed that the weight of the book on the shelf causes said tooth and pin to press firmly against the standard, so that the opposite sides of the wall of the slot or opening *a* are simultaneously interlocked with the standard, the weight of the book serving to increase the locking action, and thus the shelf is positively prevented from slipping or shifting downward.

I am aware that it is old to form a support for a bracket so that the bracket may slide thereon by reason of an aperture cut in the said bracket, and also that it is old to secure the bracket by means of pins attached thereto resting in holes in the support, and such I do not broadly claim.

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

A book-rest consisting of a supporting-base, A, provided with a standard, B, having a rack on one side and openings on the opposite side thereof, and an adjustable shelf, C, having an opening, *a*, the walls of the said opening having teeth D and F, diagonally arranged on two of the opposite sides thereof, said parts being combined, arranged, and operated substantially as described.

WILSON B. SOLLIDAY.

Witnesses:

MOSES MENLINE,
HIRAM EDELMAN.