

(No Model.)

A. MOWAT.
STUDENT'S BOOK REST.

No. 340,596.

Patented Apr. 27, 1886.

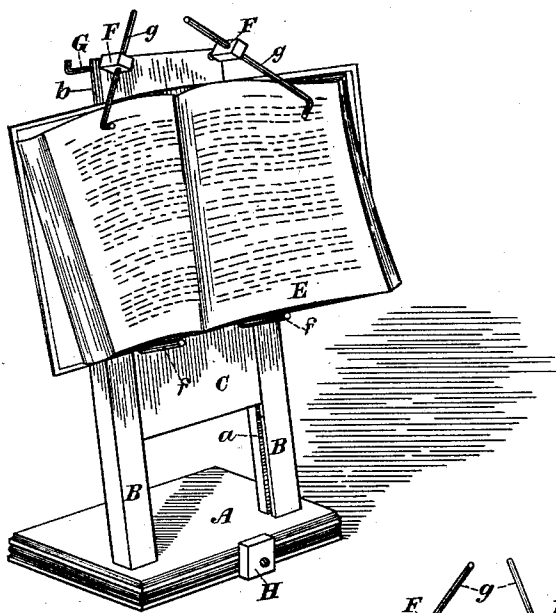


Fig. 1.

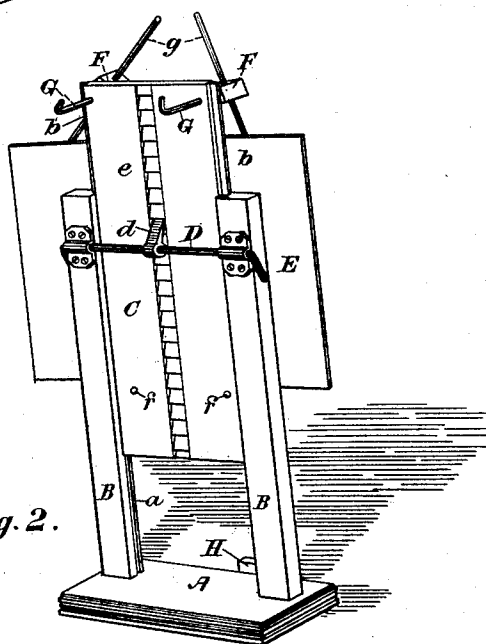


Fig. 2.

Witnesses.

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ARTHUR MOWAT, OF TORONTO, ONTARIO, CANADA.

STUDENT'S BOOK-REST.

SPECIFICATION forming part of Letters Patent No. 340,596, dated April 27, 1886.

Application filed July 24, 1885. Serial No. 172,544. (No model.) Patented in Canada August 4, 1885, No. 22,193.

To all whom it may concern:

Be it known that I, ARTHUR MOWAT, of the city of Toronto, in the county of York, in the Province of Ontario, Canada, gentleman, have invented an Improved Student's Book-Rest; and I do hereby declare that the following is a full, clear, and exact description of the same.

The object of the invention is to design a cheaply-made student's book-rest capable of holding the leaves of various-sized books, and capable of adjustment both vertically and angularly to accommodate the sight of the user and the particular style of book he may at the time be reading; and it consists, essentially, of a board provided with a ratchet-rack on its back and adjustably carried between two vertical supports fixed to a base-plate and set at a slight angle, a ratchet-pawl attached to a rod extending across the back of the vertical supports, and so arranged that the pawl shall engage with the ratchet-rack on the back of the board, on which board is also attached fingers on which the book rests, and adjustable fingers for holding the leaves of the book open.

Figure 1 is a perspective front view of my improved student's book-rest. Fig. 2 is a perspective back view of the same.

In the drawings, A represents the base-plate, designed to rest on the table, and from which extend at a slight angle the vertical supports B. These vertical supports have grooves *a*, made on their inner edges to receive the tongue *b*, formed on the edges of the board C, so that the said board may be adjusted vertically but not laterally.

D is a crank-rod extending across the back of the supports B, and suitably journaled thereon, as indicated. This rod D has a pawl, *d*, fixed to it in such a position as to engage with the ratchet-rack *e*, formed on the back of the board C, as shown.

The crank-rod D is so weighted that its inclination has a tendency to throw the pawl *b* into connection with the ratchet-rack *e*. Consequently when the board C is moved upwardly the pawl *d*, by engaging with the ratchet-rack *e*, holds it in any desired position.

f are fingers extending outwardly at right angles from the face of the board C, and forming a support on which the book E rests.

g are crooked fingers passing through blocks F, which are supported on the end of the pins or rods G, passing through holes in the board C, having their ends bent so that they cannot be drawn out of the said board. Both the rods G and fingers *g* are made such a fit in the respective holes through which they pass that they may be adjusted therein and will remain stationary at any desired point. By this arrangement the blocks F may be drawn out sufficiently far from the face of the board C to accommodate the thickness of the particular book being at the time supported, and the angle of the fingers *g* may be adjusted also to suit the book.

With the view of altering the inclination of the supports B, I pivot a block, H, on the front edge of the base-plate A, the edges of which block are at different distances from the center of its pivot. Consequently by turning it on its pivot the block H is made to project below the bottom of the base-plate A, and the said base-plate will be tilted in proportion to the projection of the block below its bottom.

What I claim as my invention is—

1. A board, C, provided with the fingers *f* and held vertically adjustable between the supports B, a ratchet-rack, *e*, formed in the back of the said board, in combination with the pawl *d*, fixed to the crank-rod D, which is suitably journaled on the supports B, substantially as and for the purpose specified.

2. The board C, held between the supports B, and provided with fingers *f*, and blocks F, supported on the ends of the pins G, passing through holes in said board, combined with the fingers *g*, held in said blocks and capable of angular adjustment, substantially as and for the purposes specified.

Toronto, July 8, 1885.

ARTHUR MOWAT.

In presence of—

CHARLES C. BALDWIN,

F. BARNARD FETHERSTONHAUGH.