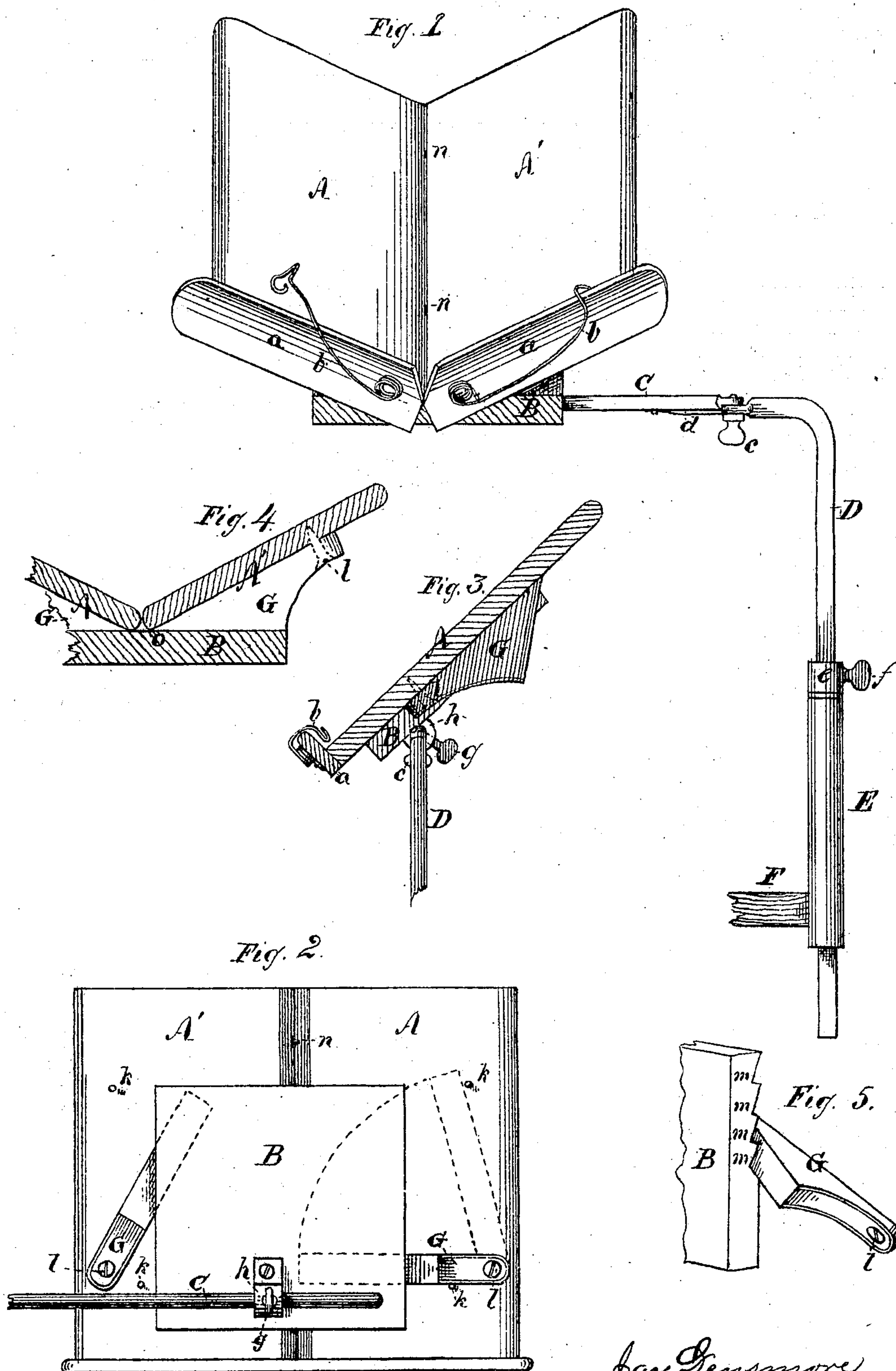


JAY DENSMORE.

Book Support.

No. 124,423.

Patented March 12, 1872.



Witnesses { Geo. Freunbarger.
A. H. Shuman.

Jay Densmore
Inventor.

UNITED STATES PATENT OFFICE.

JAY DENSMORE, OF HOLLEY, ASSIGNOR OF ONE-HALF HIS RIGHT TO
CHARLES B. SPARROW, OF KNOWLESVILLE, NEW YORK.

IMPROVEMENT IN BOOK-SUPPORTS.

Specification forming part of Letters Patent No. 124,423, dated March 12, 1872.

Specification describing certain Improvements in Book-Holders for Chairs, invented by JAY DENSMORE, of Holley, in the county of Orleans and State of New York.

My invention relates to a book-holder which can be attached to any chair, and so constructed that the book held by it may be raised or lowered, brought nearer to or removed more distant from the person reading, and that the pages of the open book may be inclined to or from the person reading or toward each other.

Figure 1 is a front elevation of my book-holder as it appears in front of the person reading. Fig. 2 is a view of the table of my book-holder inverted. Fig. 3 is a vertical longitudinal section, showing the manner of inclining the table to or from the person reading. Fig. 4 is a vertical transverse section, showing the manner of inclining the leaves of the table together. Fig. 5 is an inverted section, showing the means whereby the leaves of the table are secured at any desired angle with each other.

The book-holder is attached to the chair at any convenient point by screwing or clamping the hollow vertical standard E to the bottom of the chair F. The vertical rod D, which supports the table, has its upper end curved to a horizontal position, and is held upright by the standard E, and is raised or lowered by means of the collar e, which is secured at any given place on the rod D by means of the set-screw f. The rod C is hinged to the rod D by means of the thumb-screw c and the strip d, and by means of which the table is moved nearer to or further from the person reading, as may be desired. The collar h is securely attached to the bottom of the block B on the under side of the table, and by means of which and the

set-screw g, the table is secured to the rod C at any desired angle to the plane of the horizon, as shown in Fig. 2 and Fig. 3. The leaves A A' of the table are hinged together at the points n n, and the lower corner of the leaf A' is hinged to the center of the block B, as shown at o, in Fig. 4. The leaves A A' of the table are inclined toward each other by means of the triangular blocks G G, which are pivoted to the under sides of the leaves A A' at the points l l:

When the leaves of the table are to be inclined toward each other, the triangular blocks G G are swung around between the leaves A A' and the block B; the further each block G G is swung around the higher the leaf to which it is pivoted is raised, and they are retained securely at any desired point by means of the notches m m m m, more or less, in the corners of the block B, over which the triangular blocks G G swing. The triangular blocks G G are prevented from swinging too far either way by the pins k k k k upon the under side of the leaves A A'. The book is prevented from sliding off the table by means of the cleats a a, which project above the leaves A A'. The book is held open by means of the springs b b.

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

The combination of the block B, provided with notches m, hinged leaves A and A', and blocks G G, constructed and arranged to operate substantially as and for the purpose specified.

JAY DENSMORE.

Witnesses:

G. V. BOWMAN,
N. C. FULLER.