

(No Model.)

J. A. MUIR.
BOOK SUPPORT.

No. 481,505.

Patented Aug. 23, 1892.

Fig. 2.

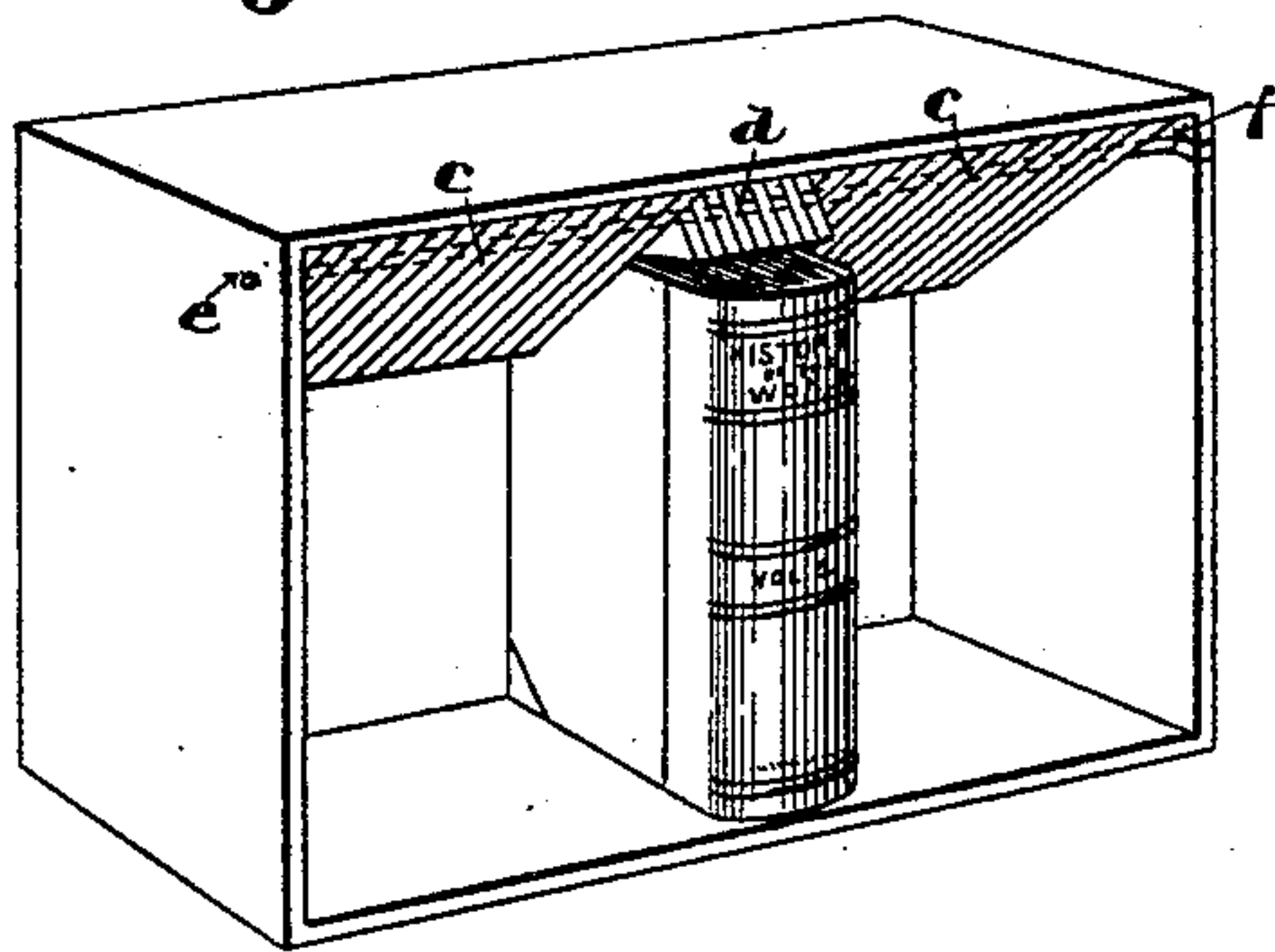
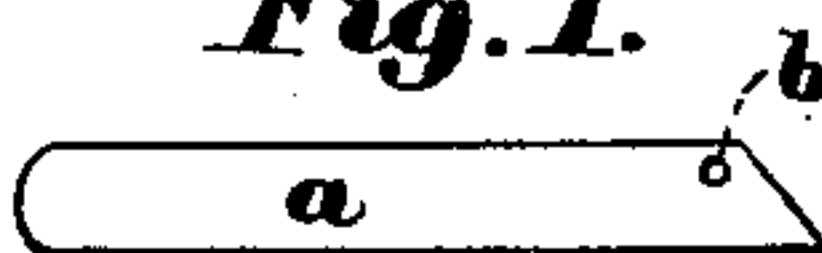


Fig. 1.



Witnesses:
Ed. S. Kirby.
W. D. Pratt.

Inventor:
James Alfred Muir

UNITED STATES PATENT OFFICE.

JAMES ALFRED MUIR, OF HUNTSVILLE, TEXAS.

BOOK-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 481,505, dated August 23, 1892.

Application filed March 17, 1892. Serial No. 425,349. (No model.)

To all whom it may concern:

Be it known that I, JAMES ALFRED MUIR, a citizen of the United States, residing at Huntsville, in the county of Walker and State of Texas, have invented a new and useful Book-Support, of which the following is a specification.

My invention relates to an improvement in book-supports whereby books are held in an upright position on the shelves. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view of a thin strip with beveled end and perforation. Fig. 2 is a view of a series of said strips strung on a wire and adjusted to a book-stand.

The strip *a* is shaped substantially as shown, with beveled end and a perforation at its corner *b*, so as to admit of being strung upon a wire. It is designed to string a series of said strips upon a wire and suspend the same over the book-space near the upper front part, as from *e* to *e*. When so adjusted to the book-stand, the normal position of the series of strips will be of an approximately vertical bearing, as is shown at *c c*, and when a book is placed in an upright position on the shelf

a series of said strips equal to the thickness of the book will be partially revolved backward and inward to an approximate horizontal position, as is shown at *d*. When the shelf is filled with books, the entire series of strips will be changed by book-pressure from an approximate vertical to an approximate horizontal position, and when a book is withdrawn from the shelf as many strips as equal the thickness of the book will fall of their own gravity to an approximate vertical position, supporting the remaining books.

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

The combination, with the uprights and shelves of a book-stand, of a series of strips *a*, having beveled ends and perforations near their beveled ends, strung upon a wire between the shelves near the upper front part of the book-space, substantially as and for the purposes set forth.

JAMES ALFRED MUIR.

Witnesses:

JOEL PARISH,
C. B. DIXON.