

E. L. MARSHALL.
BOOK-SUPPORT.

No. 192,177.

Patented June 19, 1877.

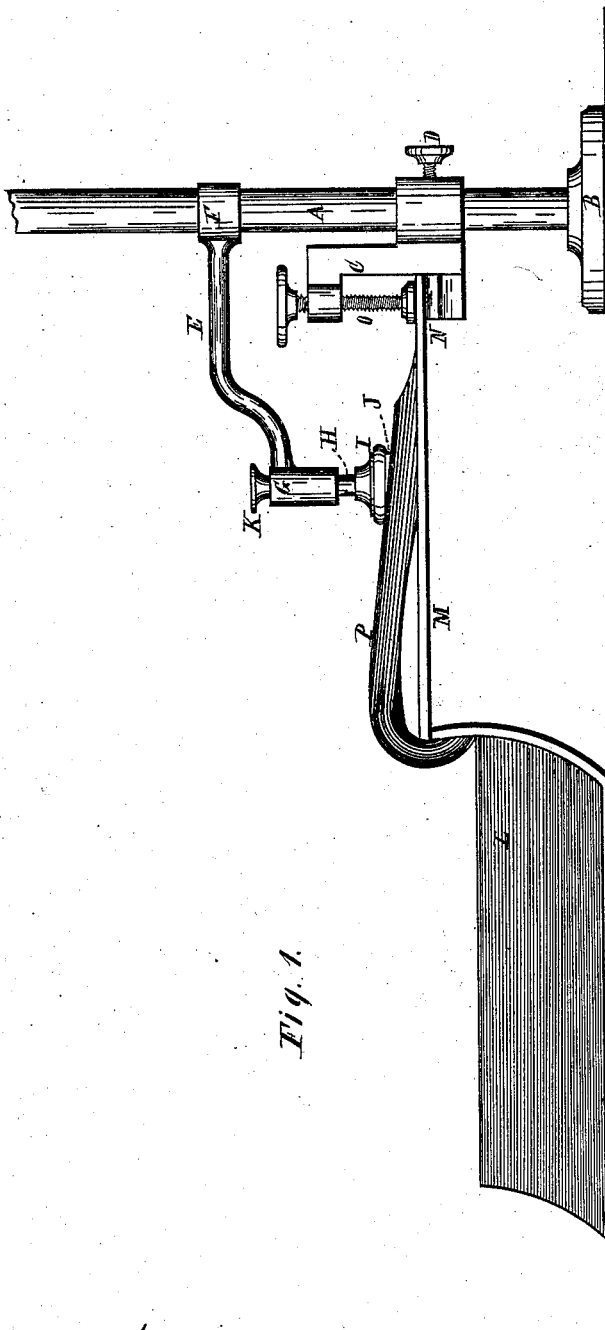


Fig. 1.

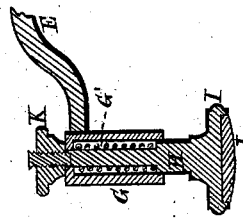


Fig. 2.

Witnesses.
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IMPROVEMENT IN BOOK-SUPPORTS.

Specification forming part of Letters Patent No. **192,177**, dated June 19, 1877; application filed May 4, 1877.

To all whom it may concern:

Be it known that I, EDWIN L. MARSHALL, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented new and useful Improvements in Book-Supporters, of which the following is a description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a view of the book-supporter as applied to practical use. Fig. 2 is a detached vertical transverse section.

Like letters of reference refer to like parts in the several views.

This invention is a device for supporting in a horizontal position the cover and leaves of an open book, and for holding down said leaves upon the cover, so that they may not spring back upon the unopened body of leaves.

The device may also be used for elevating the upper end of the book, so that the pages may have an inclined position in respect to the reader or person making entries therein.

The construction of the book-supporter and the practical application of the same for the purpose specified are substantially as follows:

As shown in the drawings, A is a standard, supported upright by a foot, B. To the standard is fitted, so that it will slide thereon, a bracket or screw-clamp, C, which may be secured at any position on the standard by a set-screw, D; also, to the standard, above the clamp, is fitted loosely an arm, E, by a collar, F. To the outer end of said arm is secured a sleeve, G, a detached transverse section of which is shown in Fig. 2. In the sleeve is loosely fitted a stem, H, the lower end of which terminates in a head or button, I, provided with a rubber cushion or face, J, forming the face of the button.

To prevent the stem and button dropping from the sleeve, a nut, K, is screwed on the upper projecting end of the stem. A section of the stem within the sleeve is smaller than the part below, to which the head is secured. Around said smaller part of the stem is a spring, G', by which the stem is held forcibly extended from the sleeve and prevented from being pushed easily therein. The arrangement of the stem and spring within the sleeve is shown in Fig. 2.

The practical application of the above-described device is shown in Fig. 1, in which L represents a book, and M one of the covers, turned

back and supported in a horizontal position by the supporter, which is so adjusted as to allow the edge of the cover to rest upon the ledge N of the clamp, down upon which it is clamped by the screw O. The leaves P, turned back upon the cover M, are secured thereto and prevented from springing back or closing by the arm E, which, for that purpose, is swung around over the leaves, and so adjusted as to allow the button to press thereon. The pressure for this purpose is exerted by the spring G', which will force the button more or less firmly upon the leaves, as the adjustment of the arm on the standard may be as regards its height thereon.

The soft-rubber pad prevents abrasion of the leaves, and also prevents them from slipping from under the button, should the pressure be light.

To adjust a new leaf under the button, the arm, for that purpose, is raised on the standard or swung around from over the book. The leaf is then turned over, down upon which the button is brought by lowering the arm. The action of the spring in the sleeve will tend to force upward the end of the arm, and thereby cause the collar F to bind on the standard, and prevent the arm from being forced upward so long as the button remains pressed upon the book.

To support the book in an inclined position, the supporter is placed at the top of the book, and the edge of the back thereof placed on the ledge N of the clamp, which is firmly retained there by the screw O, and at any desired height by adjusting the clamp on the standard.

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

1. In combination with the standard A, arm E, and sleeve G, the stem H, nut K, and spring G', in the manner substantially as described, and for the purpose set forth.

2. In combination with the standard A and screw-clamp C, the sliding horizontally-movable arm E, substantially in the manner as herein described, and for the purpose specified.

EDWIN L. MARSHALL.

Witnesses:

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