(No Model.)

M. W. FILLEY, A. S. TEAL & R. FIELDS.

BOOK SUPPORT.

No. 259,837. Patented June 20, 1882.

Fig. 1

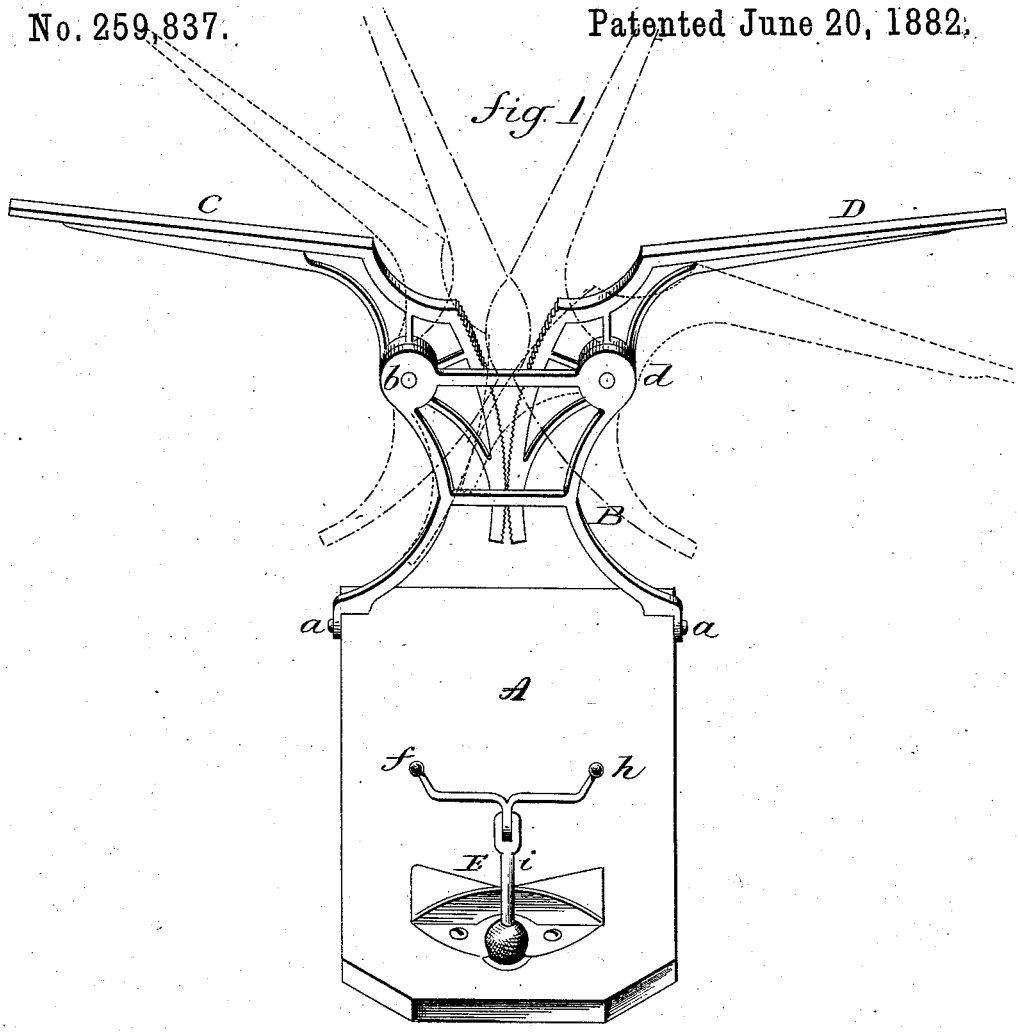
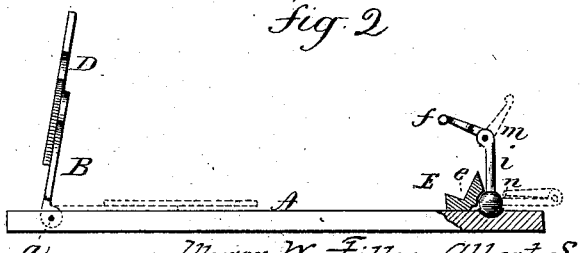


Fig. 2



Witnesses,
J. H. Chumway
Jos. C. Earle

Myron W. Filley, Albert S. Teal
and Robt. Fields,
Inventors.
By Atty's
Wm. C. Earle

UNITED STATES PATENT OFFICE.

MYRON W. FILLEY, ALBERT S. TEAL, AND ROBERT FIELDS, OF NEW HAVEN, CONNECTICUT.

BOOK-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 259,837, dated June 20, 1882.

Application filed February 16, 1882. (No model.)

To all whom it may concern:

Be it known that we, MYRON W. FILLEY, ALBERT S. TEAL, and ROBERT FIELDS, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Book-Supports; and we do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view; Fig. 2, a side view.

This invention relates to an improvement in devices for supporting open books, with special reference to a holder for the books of accountants, recorders, and others who desire or require to have before them an open book from which to copy or for reference, the object of the invention being the construction of a book support or holder in which the book may be adjusted to different inclinations, and also that either side may be adjusted to any desired inclination relatively to the other side.

The invention consists principally in a pair of arms hung to swing in substantially the same plane, and so that the covers of the book will lie respectively on the said arms, with the back between them, the two arms constructed to engage each other between their hinging-points, so that the two sides of the book will be held at any inclination relatively to each other at which the arms may be set.

A represents the base upon which the support is placed. This may be simply a board of proper shape or size, or it may be the desk or table top.

B is the standard, which is preferably hinged to the base A, as at *a*, and so as to be turned down upon the base, as indicated in broken lines, Fig. 2.

C D are the two arms upon which the covers of the book will rest. They are hinged to the standard, as at *b d*, so as to swing in the same plane and substantially parallel with the plane of the standard, and as indicated in broken lines, Fig. 1. Between their hinging-points *b d* the two arms are constructed segment shape, and so that as the arms are turned away from each other—that is, opened—the segment-shaped surfaces will come together, as seen in Fig. 1. These surfaces are serrated or otherwise roughened, so that they will engage each other, as shown. These surfaces are eccentric to their respective pivots. Hence when they engage they become locked in such engaged position. This locking occurs regardless of the inclination of the arms—that is to say, they may be equally inclined, as seen in Fig. 1, or one may be raised nearer the perpendicular, as seen at the left in broken lines, and the other depressed, as seen at the right in broken lines, at any point to which they may be adjusted. They are locked so soon as the engaging-surfaces come together. The heel of the book rests upon the base, while the two covers lie upon the arms, the back of the book between them. The person using the book may at any time adjust the sides of the book to any desired inclination.

When not required for use the two arms are brought together, as indicated in broken lines, Fig. 1. Then, with the standard, they may be turned down upon the base, as seen in Fig. 2, broken lines.

To support the heel of the book, a block, E, is secured to the base, having a cavity, *e*, in which the heel of the book will rest.

To hold the leaves of the book open, a bifurcated arm, *f h*, is hinged to an arm, *i*, extending up below the heel-rest E, as at *m*, the two parts *f h* of the arm extending respectively to the right and left, as seen in Fig. 1, so as to bear upon the opposite pages of the book, but may be turned up, as seen in broken lines, Fig. 2, to permit the leaves to be turned.

To adapt the arms *f h* to the varying thicknesses of the respective sides of the book, the arm *i* is hung by a ball-and-socket joint, *n*, at its lower end, which permits a universal movement of the arms *f h* relative to the respective pages upon which they bear, and also permits the arms to be folded upon the base, as seen in broken lines, Fig. 2.

The arm *f h* may be rigidly connected to or made a part of the arm *i*; but in that case it could not be folded as closely to the base as when hinged.

We claim—

1. In a book-holder, the combination of the two arms C D, hinged to the standard independent each of the other, but to swing in substantially the same plane, and constructed with engaging surfaces between their hinging or turning points, substantially as described.

2. In a book-holder, the combination of the two arms C D, hinged upon a standard, B, independent each of the other, but to swing in substantially the same plane, and constructed with engaging surfaces between their hinging or turning points, the standard hinged to its base, substantially as described.

3. In a book-holder, the combination of the two arms C D, hinged to the standard independent each of the other, but to swing in substantially the same plane, and constructed with engaging surfaces between their hinging or turning points, and the rest E, for the heel of the book, substantially as described.

4. In a book-holder, the combination of the two arms C D, hinged to the standard independent each of the other, but to swing in substantially the same plane, and constructed with engaging surfaces between their hinging or turning points, and the hinged bifurcated arm *f h*, substantially as described.

5. In a book-holder, the combination of the two arms C D, hinged to swing in substantially the same plane, and constructed with engaging surfaces between their hinging or turning points, and the arm *i*, hung by a ball-and-socket joint, and carrying the arm *f h*, substantially as described.

MYRON W. FILLEY.
ALBERT S. TEAL.
ROBERT FIELDS.

Witnesses:
JOHN E. EARLE,
JOS. C. EARLE.