

E. J. SMITH.
Book-Case.

No. 212,995.

Patented Mar. 4, 1879.

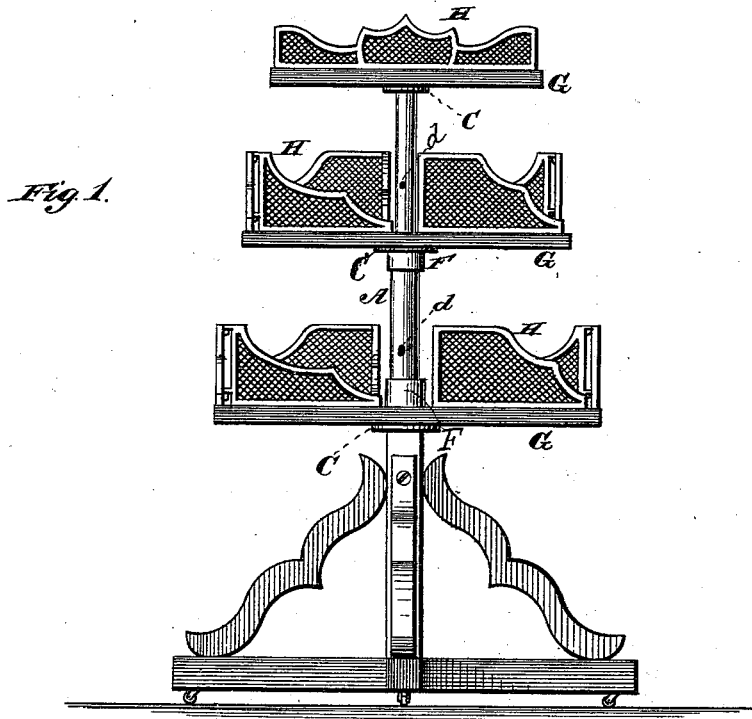


Fig. 1.

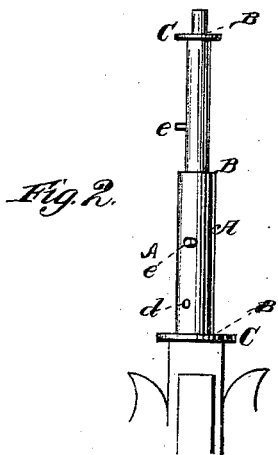


Fig. 2.

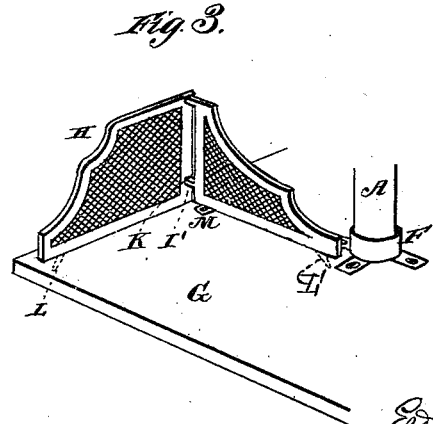


Fig. 3.

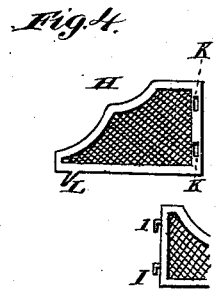


Fig. 4.

WITNESSES
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UNITED STATES PATENT OFFICE.

ELDRIDGE J. SMITH, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN BOOK-CASES.

Specification forming part of Letters Patent No. 212,995, dated March 4, 1879; application filed January 21, 1879.

To all whom it may concern:

Be it known that I, ELDRIDGE J. SMITH, of Washington, District of Columbia, have invented certain new and useful Improvements in Sectional Rotating Book-Racks; and I do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to a sectional rotary book-rack, consisting of a series of shelves secured to a standard and made to rotate one independent of the other. The construction and arrangement of the shelves are such as to receive books of various sizes, the lower shelf being larger than those above it, and each succeeding shelf being of diminished area until the top is reached. The shelves can also be raised or lowered on the standard to any desired height.

The books are held in position by means of angle-irons secured at each corner of the shelves. The angle-irons are in two sections, and secured to the shelf in a manner to admit of their ready removal.

The construction of other portions of the book-rack is such as to admit each part to be detached from the other—a desirable feature in packing and transportation.

In the drawings, Figure 1 represents a side elevation of the book-rack. Fig. 2 is a side elevation of standard. Fig. 3 is an enlarged detached view of a portion of the book-support; Fig. 4, a detail view of the angle iron.

Referring to the drawings, A designates the standard, provided with a base. B are shoulders to support the shelves G in their normal position. It is frequently found desirable to elevate one of the shelves G above the other to accommodate books of greater height, and hence I construct my standard with perforations *d* at suitable intervals apart. In these

perforations I place pins *e*, and rest washers C thereon. The shelves have attached to them metal thimbles F, thus making a support on which the shelves may be placed, and may revolve with as much facility and steadiness as upon the shoulders B.

H are angle-irons in two sections, one provided with lugs I I to fit in the slots K K. Each section is provided with projections L near its ends, extending at an acute angle, and made to fit in a perforation in the shelves at a corresponding angle. At the lower and inner edge of the angle-iron is a flange, M, extending at right angles thereto, and provided with a perforation for a screw, which secures the two sections of the angle-iron firmly in position.

I am aware that a book-case having a standard formed with a number of shoulders for a series of independently-revolving shelves is old, and also that it is not new to construct a rack or bracket in sections attached together by lugs and slots; but my construction is different, and is peculiarly adapted to render a book-case cheap, complete, and easily packed for transportation.

I claim—

1. In a book-case, a central standard, A, provided with perforations *d d*, in combination with a series of shelves having thimbles F, supported by pins *e* and washers C, substantially as shown and described.

2. In a book-case, the shelves G, having angle-irons H, composed of two sections, and provided with slots K, pins I, lugs L, and flange M, substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

ELDRIDGE J. SMITH.

Witnesses:

JAMES J. SHEEHY,
LEMUEL BURSLEY.