

J. L. GUNTHER.  
Shelf-Support

No. 207,804.

Patented Sept. 10, 1878.

Fig. 1.

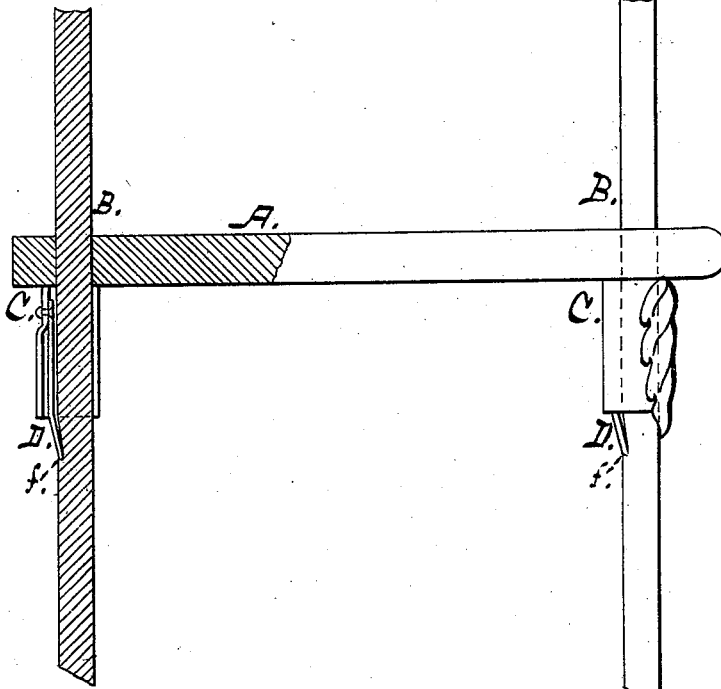
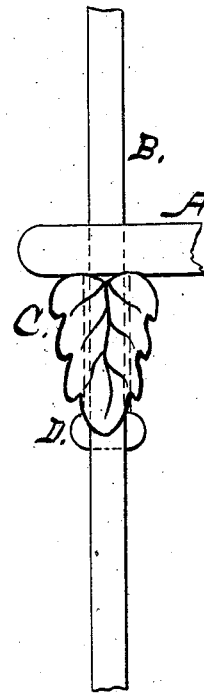


Fig. 2.



Witnesses.

W. A. Howie

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John L. Gunther

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# UNITED STATES PATENT OFFICE.

JOHN L. GUNTHER, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN SHELF-SUPPORTS.

Specification forming part of Letters Patent No. 207,804, dated September 10, 1878; application filed April 13, 1878.

*To all whom it may concern:*

Be it known that I, JOHN L. GUNTHER, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Supports for Portable Shelves, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is an end view of the shelves with one corner in section. Fig. 2 is a front view with one of the supports in position.

The object of my invention is to produce simple and easily-adjusted supports for portable shelves for books or other articles.

The shelves A are slipped on the rods B. The two rods for one end of the shelves are formed by bending one rod over at the top, thus leaving two parallel rods passing through the shelves near the corners. Between the two ends, at the top, is a cross-rod, to which the hooks or staples in the wall may be attached. This may be in one form or another, the claim for novelty not being on this feature.

On the rods B, under the shelves, are placed spring-slides C for supports for the shelves. The spring D is in the inside of the slide, and is made fast at the top, and made to spring inward, so that when the slide is placed on the rod, and brought to a proper position to sup-

port the shelf, the lower end of the spring catches into a notch, *f*, in the rod made to receive it, and it then becomes a positive support for that part of the shelf. To remove it there is only the necessity of pressing the end of the spring out of the notch, when the slide may be readily removed, and the shelves may be all taken apart and folded away for transportation, &c.

The slide C is constructed so that the rod B passes through it, as shown, and the spring D is made of sufficient stiffness so as to be itself a support for the shelf.

On the front of these slides is a leaf or some other ornamental design.

The supporting device may be united to the shelf, and engage the rod the same, a portion of it catching into the notch in the rod. Therefore,

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

In combination with the shelves A and vertical rods B, the slides C, provided with the springs D, substantially as and for the purpose specified.

JOHN L. GUNTHER.

Witnesses:

HORACE HARRIS,  
WM. A. HOWELL.