

(No Model.)

R. MILLER.  
BOOK OR BLANK CASE.

No. 480,388.

Patented Aug. 9, 1892.

Fig. 1.

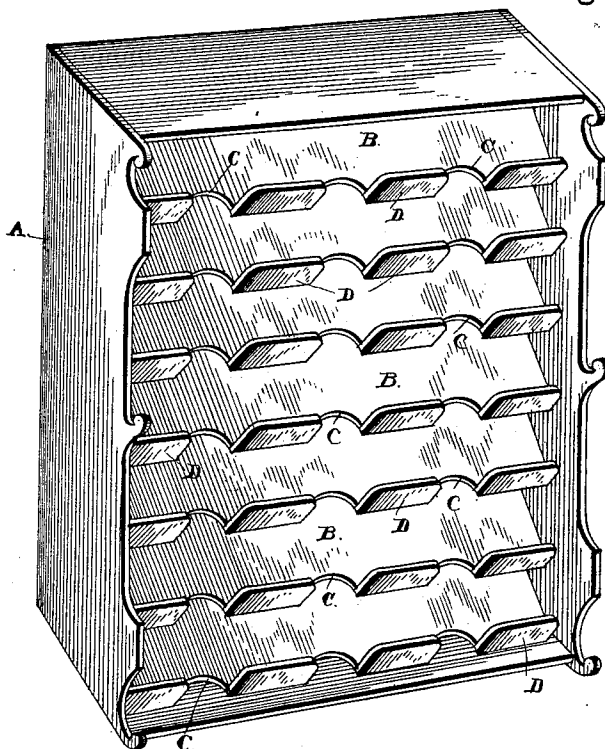
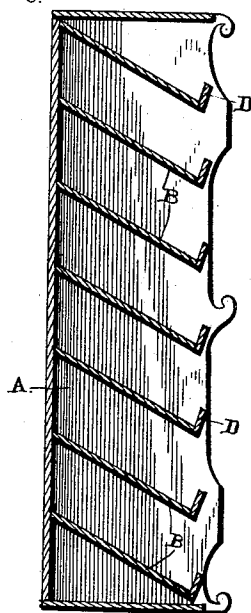


Fig. 2.



Witnesses  
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By his Attorneys,

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# UNITED STATES PATENT OFFICE.

ROY MILLER, OF ALMA CENTRE, WISCONSIN.

## BOOK OR BLANK CASE.

SPECIFICATION forming part of Letters Patent No. 480,388, dated August 9, 1892.

Application filed February 3, 1892. Serial No. 420,192. (No model.)

*To all whom it may concern:*

Be it known that I, ROY MILLER, a citizen of the United States, residing at Alma Centre, in the county of Jackson and State of Wisconsin, have invented a new and useful Book and Blank Case, of which the following is a specification.

This invention relates to book cases or shelves; and it has for its object to provide an article of this character which shall be cheap, simple in construction, and which provides for a convenient reaching of the articles upon the shelves, and which holds the same in such a manner that the contents of the shelves are always accessible, and thus greatly facilitates the removal of the books, blanks, catalogues, letters, or whatever may be placed in said case.

With these and many other objects in view, which will readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination, and arrangement of parts hereinafter more fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a book and blank case or shelving constructed in accordance with my invention. Fig. 2 is a transverse sectional view of the same.

Referring to the accompanying drawings, A represents a suitable inclosing frame or case, within which is supported the shelves B, which are designed for the reception of books, blanks, letters, bills, or any article whatever which need to be so placed as to be ready of access and which can be easily located. The shelves B are arranged within the case A at an incline and parallel with each other, having their lower edges at the front of the frame or case A and their upper rear edges within said frame or case in order to hold the articles in an inclined position or at an angle, so that the same may be easily seen and removed. The front lower edges of said inclined shelves, which are disposed at any suitable angle from twenty degrees to forty-five degrees to a horizontal plane, are provided with a series of concave finger-notches C, by means of which the objects on the shelves may be readily grasped and removed. The said shelves are also provided with the retaining-flanges D, secured to said front edges and at right angles to the shelves, so that the contents of the shelves may be held thereon and

prevented from slipping off, said flanges being also interrupted at regular intervals by said finger-notches to facilitate access to the objects on the shelves. Suitable labels may be placed on said flanges, if desired, in order to indicate the articles supported by the shelves; they are unnecessary unless it is desired to designate the location of different classes of matter or files.

The construction and advantages of the herein-described shelving are thought to be apparent without further description. It may be additionally noted at this point that the nearer to the horizontal plane that the said shelves are placed the closer together the same can be arranged, so as to accommodate the articles placed thereon. When so placed in close relation or arrangement with each other, the said shelves hold the articles so that the lower ends of said articles are alone visible, and appropriate labels may be placed on the same, so as to indicate their location. This applies to books, catalogues, or any articles which can be conveniently labeled. When legal blanks, bill-heads, letter-heads, &c., are put on the shelves, the flanges of the shelves may be appropriately labeled to indicate the location of the articles. It can be readily seen that by this arrangement of shelving every available space is utilized and more matter can be accommodated than in most similar articles now in use.

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

The combination, with an inclosing case, of a series of forwardly-inclined shelves fixedly secured at an angle within said case parallel with and in close proximity to each other, the same inclining downwardly from their rear edges at the back of the case to the front thereof and provided at their front lower edges with upwardly-extending right-angularly-disposed retaining-flanges and a series of finger-notches interrupting said flanges at regular intervals, substantially as set forth.

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

ROY MILLER.

Witnesses:

JOHN J. BRINKMAN,  
E. N. DUNN.