(No Model.)

# J. STIMSON.

## BOOKCASE.

No. 504,182. Patented Aug. 29, 1893.

Fig. 1.

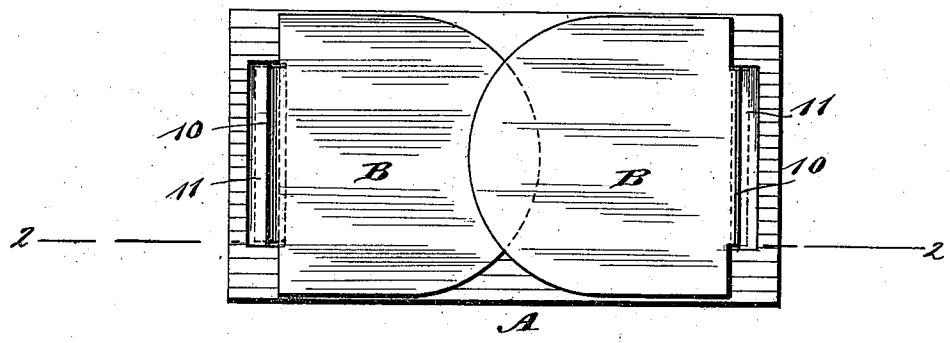



Fig. 2

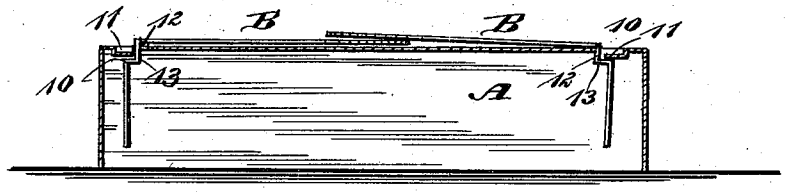



Fig. 3.

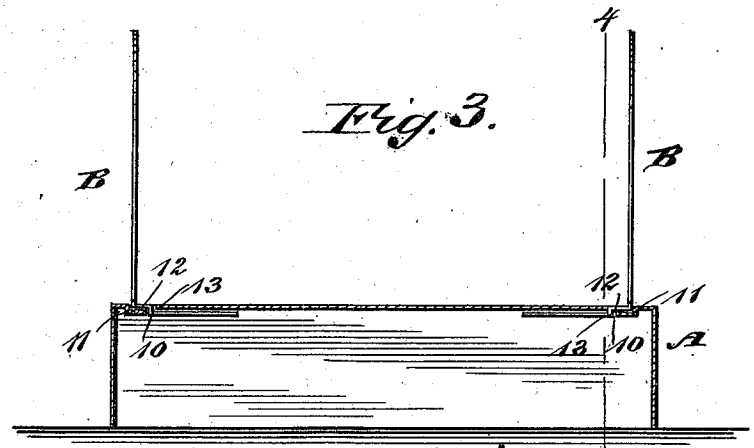
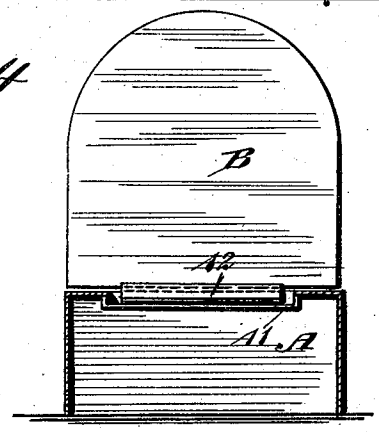



Fig. 4

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# UNITED STATES PATENT OFFICE.

JAMES STIMSON, OF WATSONVILLE, CALIFORNIA.

## BOOKCASE.

SPECIFICATION forming part of Letters Patent No. 504,182, dated August 29, 1893.

Application filed October 27, 1892. Serial No. 450,099. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES STIMSON, of Watsonville, in the county of Santa Cruz and State of California, have invented a new and useful Improvement in Bookcases, of which the following is a full, clear, and exact description.

My invention relates to an improvement in book cases, and has for its object to provide a book case or stand adapted to rest upon any flat surface, as a bureau, mantel, desk or table, or to stand upon brackets, the said case being adapted to contain a set of books, volumes for example in frequent use, such as works of reference, &c., the number of volumes being regulated by the length of the stand.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth and pointed out in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of the stand folded for storage or transportation. Fig. 2 is a longitudinal section through the stand in its folded state, the section being taken practically on the line 2—2 of Fig. 1. Fig. 3 is a section similar to that shown in Fig. 2, the stand however being in position for use; and Fig. 4 is a transverse section which is taken practically on the line 4—4 of Fig. 3.

The stand or case comprises but three pieces, a base A, and clamping arms B, the clamping arms being two in number. All of the parts are preferably made of metal, and as light as possible consistent with strength. The base A, may be given any desired shape; in the drawings it is shown as rectangular and is hollow. At each end of the base, in the top thereof and parallel with its end portions, a transverse slot 10, is produced, and adjacent to this slot, between the slot and the end of the base, a depression or recess 11, is made, parallel with the slots and parallel with the ends, but the slot and the recess are parallel only with the ends when the base is of rectangular form, while the recesses and the slots are always parallel with each other. The clamping arms are angular in cross section, or essentially L-shaped, their vertical members being ordinarily wider than their horizontal members. What is termed the horizontal member is the lower one, and the upper one is denominated as the vertical member. The upper or vertical members of the arms are preferably made of a width practically equal to the width of the base, while the lower or horizontal members are of a width enabling them to snugly enter the slots 10; and upon the under surface of each of the lower members of the clamping arms a depression 12, is made, producing thereby a step 13, the step and the depression being parallel with the outer end of the member in which they are made.

In the operation of the device, the horizontal or lower members of the arms are made to enter the slots 10 in the base, and when the stand is not in use the arms are folded down upon the base and upon each other, lying one upon the other, as shown in Figs. 1 and 2. When the stand is to be used the outer or upper members of the arms are brought to a vertical position, which will carry the inner members to a horizontal position in engagement with the under face or top of the base, as shown in Figs. 3 and 4; and the depression 12 in each of the horizontal members will register and rest upon the depressed or recessed surfaces 11 in the top of the base, the stepped portions 13, being located within the slots 10.

It will be understood that any number of books may be placed between the clamping arms that the space intervening them will accommodate, and that the device may be made sufficiently large to accommodate a set comprising any number of volumes. The stand is especially adapted for use upon desks or other places, to hold reference books, or volumes in frequent use, and the stand when not employed may be compactly folded and stored away.

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

1. A book case or stand, comprising a base having its top supported some distance above the object upon which the base rests and provided with a transverse slot at each end, and

L-shaped clamping arms having their lower members of equal width throughout and projecting through the slots of the base, the said lower members being provided with offsets or steps, substantially as described.

2. A book case, the same consisting of a base having slots near its ends and recesses adjacent to the slots, and angular arms pivotally located in the slots, the inner members of the arms being formed near their junction with the outer members with depressions adapted to enter the depressed surfaces in the base, as and for the purpose specified.

3. In a book case or stand, the combination, with a base provided with slots near its ends and recesses adjacent to the slots, of arms angular in cross section, one member being longer than the other, the shorter member of each arm being introduced into the slots in the base, the inner members of the said arms being also provided with a depression and a step near the depression, the depressed surface of the arms being adapted to engage with the depressed surfaces of the base, substantially as and for the purpose set forth.

JAMES STIMSON.

Witnesses:
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