D. L. RAND.

BOOK HOLDER.

APPLICATION FILED MAR. 29, 1919.

1,330,004. Patented Feb. 3, 1920.

Fig. 1.

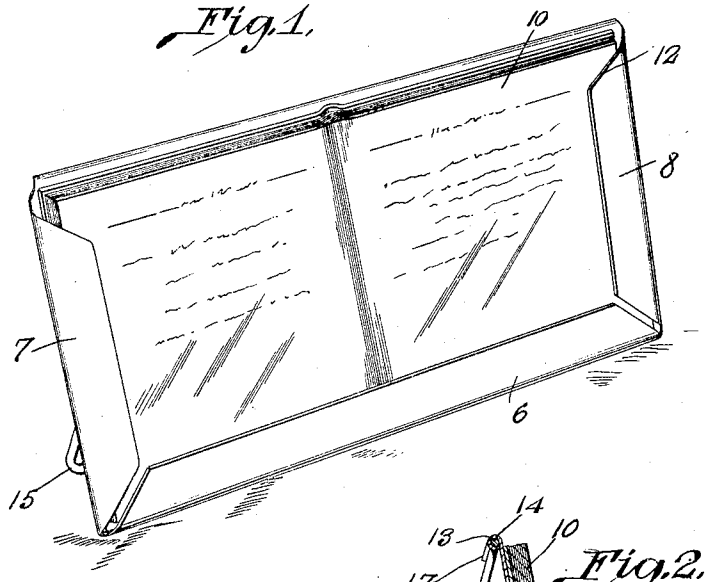


Fig. 2.

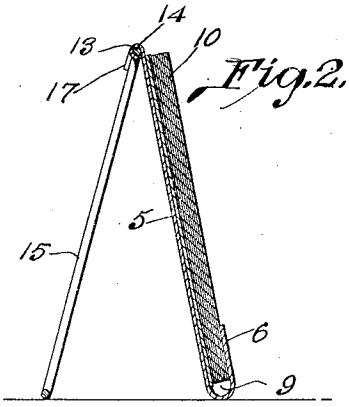
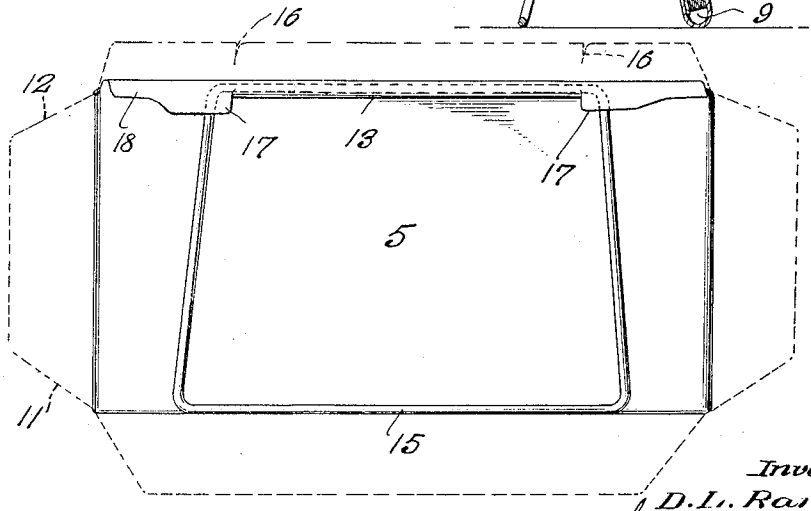


Fig. 3.



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UNITED STATES PATENT OFFICE.

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BOOK-HOLDER.

1,330,004. Specification of Letters Patent. Patented Feb. 3, 1920.

Application filed March 29, 1919. Serial No. 286,019.

To all whom it may concern:

Be it known that I, DAVID L. RAND, a citizen of the United States, residing at Ayr, in the county of Cass and State of North Dakota, have invented certain new and useful Improvements in Book-Holders, of which the following is a specification.

This invention relates to book holders and has for its object the provision of a comparatively simple and thoroughly efficient device of this character by means of which a book or pamphlet may be conveniently held in open position when reading or copying therefrom.

A further object of the invention is to provide a book holder or support including a back plate having a marginal flange spaced from the front thereof to form an intermediate pocket for the reception of a book, there being a bail pivotally connected with said back plate whereby the holder may be tilted so as to support the book at any desired angle or inclination.

A further object is to provide a book holder constructed from a single sheet of metal, the upper edge of which is rolled into cylindrical form to produce a socket or keeper for the adjacent ends of the supporting bail, there being incisions formed in the metal at the opposite ends of the keeper and the metal at such incisions being bent laterally to produce stop ears or lugs for limiting the tilting movement of the supporting bail.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency.

Figure 1 is a perspective view of a book holder constructed in accordance with the present invention;

Fig. 2 is a transverse sectional view;

Fig. 3 is a rear elevation showing in dotted lines the construction of the blank from which the holder is formed.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The improved book holder forming the subject-matter of the present invention is preferably constructed from a single sheet of metal of the general contour shown in dotted lines in Fig. 3 of the drawings and comprises a back plate 5 having its lower longitudinal edge bent upwardly to form a retaining flange 6 and its opposite ends bent inwardly to form transverse retaining flanges 7 and 8. The flanges 6, 7 and 8 are spaced laterally from the front of the back plate to form an intermediate pocket 9 for the reception of a book or pamphlet, indicated at 10, said flanges by engagement with the leaves of the book serving to hold the book in open position when reading or copying therefrom. The metal of which the holder is formed is preferably cut away at the lower corners of the blank, as indicated at 11, so that when the flanges 7 and 8 are folded inwardly the metal at the corners of said flanges will be spaced slightly from the adjacent ends of the longitudinal flange 6. By making the flanges in this manner they will possess sufficient resiliency to clamp the book in position on the back plate and prevent accidental turning of the leaves. The upper ends of the end flanges 7 and 8 are preferably inclined downwardly at 12 and spaced inwardly from the upper edge of the back plate so as to permit the ready insertion and removal of the book from the pocket 9. The upper edge of the metal of which the back plate is formed is preferably rolled into cylindrical form, as indicated at 13, to produce a tubular socket 14 adapted to receive the adjacent ends of a supporting bail 15. The supporting bail 15 is preferably formed of a single length of wire, the ends of which are inserted in the adjacent ends of the tubular socket 14, said bail serving to support the holder in upright position on a desk, table or the like.

Suitable kerfs or incisions 16 are formed in the metal at the opposite ends of the tubular member 13 and the metal at said incisions bent laterally to form stop ears or lugs 17 which serve to limit the outward pivotal movement of the supporting bail 15. By bending the ears or lugs 17 outwardly the inclination of the supporting bail 15 may be varied at will so as to support the book at any desired angle or inclination. The metal after the ears or lugs 17 are formed is bent inwardly at 18 in contact with the rear surface of the back plate 5 so as to form in effect a closure or lock which prevents withdrawal of the ends of the bail from within the socket 14.

It will thus be seen that the flanges 6, 7 and 8 by engagement with the leaves of the book or pamphlet serve to hold the book in open position so that said book may be con-

veniently supported on a desk, table or the like when reading or copying therefrom without the necessity of the user manually holding the book or without liability of the leaves of said book being accidentally turned or otherwise disarranged when in use. It will also be noted that inasmuch as the lower longitudinal retaining flange 6 extends approximately the entire length of the back plate it follows that the holder may be adapted for supporting relatively small books as said flange by engagement with the leaves of the book will retain said book in position on the back plate.

It will, of course, be understood that the holders may be made in different sizes and shapes and nickeled, gilded or otherwise finished to give them a neat attractive appearance.

Having thus described the invention, what is claimed as new is:

1. A book holder comprising a substantially rectangular back plate having its lower longitudinal edge and its end walls bent inwardly and spaced from said back plate to form a pocket for the reception of a book, the metal at the upper longitudinal edge of the back plate being bent to produce a socket, there being incisions formed in the metal at the opposite ends of the socket and the metal at said incisions bent laterally to form stop lugs, the metal at the outer ends of the stop lugs being bent inwardly against the adjacent face of the back plate, and a supporting bail having its ends seated within the socket, said lugs by engagement with the bail serving to limit the pivotal movement thereof.

2. A book holder comprising a substantially rectangular blank having its corners cut away and its lower longitudinal edge and end walls bent inwardly in spaced relation to the blank to form a pocket for the reception of a book, the upper longitudinal edge of the blank being provided with spaced incisions and the metal between said incisions rolled into substantially cylindrical form at the rear face of the blank to form a socket, the metal between the incisions and the adjacent ends of the blank being bent laterally to form stop lugs and thence bent inwardly in contact with the blank to form closures for the socket, and a supporting bail having its ends inserted in the socket and pivotally connected therewith, said lugs by engagement with the bail serving to limit the pivotal movement thereof.

In testimony whereof I affix my signature.

DAVID L. RAND. [L. S.]