A. E. MILLER.

PROTECTOR FOR BOOKS.

APPLICATION FILED JUNE 28, 1919.

1,337,612. Patented Apr. 20, 1920.

Fig. 1.

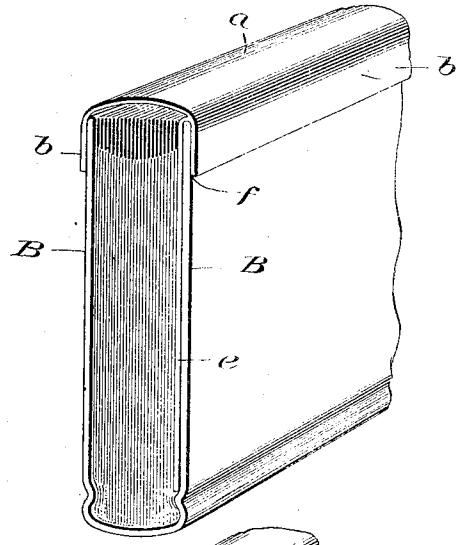


Fig. 2.

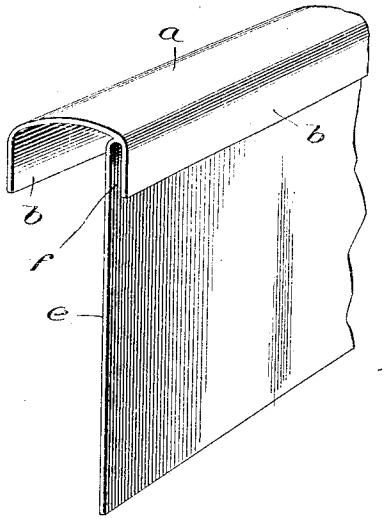


Fig. 3.

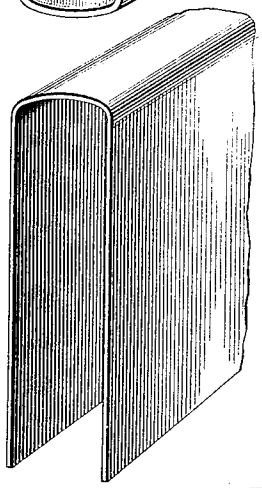


Fig. 4.



Fig. 5.

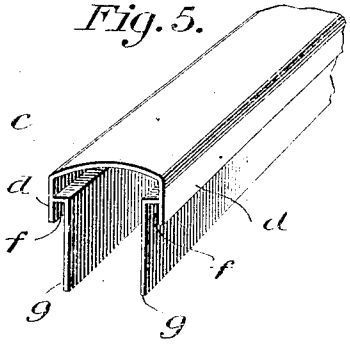
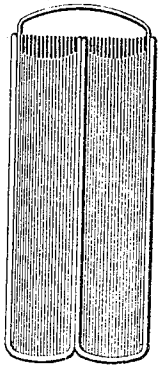


Fig. 6.



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PROTECTOR FOR BOOKS.

1,337,612. Specification of Letters Patent. Patented Apr. 20, 1920.

Application filed June 23, 1919. Serial No. 307,234.

To all whom it may concern:

Be it known that I, ARTHUR E. MILLER, a citizen of the United States, residing at Sacramento, in the county of Sacramento and State of California, have invented certain new and useful Improvements in Protectors for Books, of which the following is a specification.

My invention relates to certain new and useful improvements in devices for protecting the edges of leaves, index tabs, and particularly the markers commonly used by students and others and which markers usually protrude a short distance beyond the edges of the book and hence are often broken or damaged when the books are carried in valises, grips and like receptacles.

The object of the present invention is to provide a simple and effective means for housing and protecting the aforesaid markers, tabs, and like projecting part of a leaf or book, and the edges of the cover of the book, against damage during transmission to thereby insure these parts and edges of the books being maintained in a neat and attractive condition and the markers suitably presented for reference purposes.

With the above and other objects in view, my invention consists of the improved book protector which I will hereinafter describe and claim.

In the accompanying drawing forming part of this specification and in which similar reference characters indicate like parts in the several views;

Figure 1 illustrates one embodiment of my invention showing the same applied to a book.

Fig. 2 is a perspective view of the protector detached.

Fig. 3 illustrates a protector of slightly modified form applied to a book.

Figs. 4, 5 and 6 are modifications to be hereinafter referred to.

In carrying out my invention I construct the protector of some suitable material, as celluloid, sheet-metal, cloth and paper, wood, etc., and of such dimensions that it will embrace and form a housing for the edges of the leaves of a book and the leaf-tabs or markers with which many books of reference are supplied, said protector being fashioned with a so-called top portion, *a*, which may be flat or crowning or slightly curved transversely, said top portion having sides *b* along two opposite parts and of sufficient depth or length to enter more or less deeply between the outer cover B of the back and the adjacent leaves or pages; or between the cover and any of the pages or leaves. The depth of the sides *b* is sufficient to stabilize the protector when it has been applied and to insure the formation of a space of adequate depth to properly house and protect against rough usage in transportation the markers, tabs, or like parts projecting beyond the edges of the leaves.

In one form of my protector, (Fig. 3), the general shape of the same is like an elongated U; that is the sides *b* are of substantially the same depth and these sides are passed inwardly between the cover of the book and the adjacent pages until the inner edges contact with the back of the cover. This holds the protector in place, with its top *a* suitably elevated to house but without touching the projecting page markers. It is not essential that the side flanges of the protector shall be of the same depth; as a matter of fact one of the flanges may be considerably longer than the other, as shown at *c*, in Fig. 4, and both sides may be inserted just under the sides of the cover of the book, as before explained.

It is also obvious that instead of the flanges or sides being both inserted between the cover and the adjacent leaves, one or both of the flanges or sides may embrace the outside of the edge of the cover, such an arrangement being shown in Fig. 1.

In some instances I may prefer to use the form of device shown in Fig. 2, where the top of the protector is provided with relatively short sides or flanges *b*, and where an additional and longer plate or flange *c* is employed and which added feature is connected with the top of the protector and is spaced a sufficient distance from the adjacent side flange *b* to form a space or recess *f*, for the proper reception of the edge of the cover. This supplemental plate *e* may have a width substantially equal to the width of the particular volume or book it is designed to protect and hence it will sustain the protector in proper place by contact with the back of the same; or the supplemental plate or flange may be duplicated on the other side, as at *g*, in Fig. 5, in which case the width of the plates may be only such as to insure the plates entering a sufficient dis-

tance between the cover and leaves of the book to cause the pressure of the same to retain the protector in place. In either of the constructions shown in Figs. 1, 2 and 5, the bottom of the recess *f* formed by joining the top edge of the supplemental plate to the contiguous flange or side plate of the top portion, forms a stop to limit the inward position of the protector and to insure the proper non-contact of the same with the projecting markers or like parts.

The form of protector shown in Fig. 3 may also be constructed with sufficient width between the two projecting sides to include (or embrace) two or more books—the one side of the protector being inserted in the one book and the other side inserted in the opposite side of the companion book, (Fig. 6), thus holding both (or all) books in one neat package, and serving to hold both books in one package as well as to protect the markers in both with the one protector. Nor is it my intention to confine the other forms of protectors above indicated to the protection of one book only, as they may be utilized for two or more companion books, protecting the markers and holding the books together in one package.

From the foregoing it will be apparent that simple means are thus provided, at slight cost, for effectively protecting the markers, tabs and other reference marks of books from injury in transportation and that the device is capable of ornamentation to suit the taste of the owner, and is retained in place by the pressure of the closed book and cannot be readily accidentally displaced.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. A book protector fashioned with a substantially U-shaped top portion at least one side of which has a length sufficient to enable it to be passed for a substantial distance into the book between the cover and the adjacent leaves or sheets and to be retained in place thereby.

2. A book protector fashioned with a substantially U-shaped top portion, the sides of which have a length sufficient to enable them to be passed for a substantial distance into the book between the cover and the adjacent leaves or sheets thereof whereby the protector is retained in place by the book, one of said sides being considerably longer than the other and adapted to extend to a point contiguous to the back of the book.

3. A book protector fashioned with a substantially U-shaped top portion, the sides of which have a length sufficient to enable them to be passed for a substantial distance into the book between the cover and the adjacent leaves or sheets thereof whereby the protector is retained in place by the book, said protector having a supplemental plate connected to said top portion and spaced from the adjacent side thereof to receive an outer edge of the book cover.

In testimony whereof I affix my signature.

ARTHUR E. MILLER.