April 6, 1965 L. E. MAGERS 3,176,953

BOOK HOLDER

Filed Dec. 4, 1963 2 Sheets-Sheet 1

FIG. 1

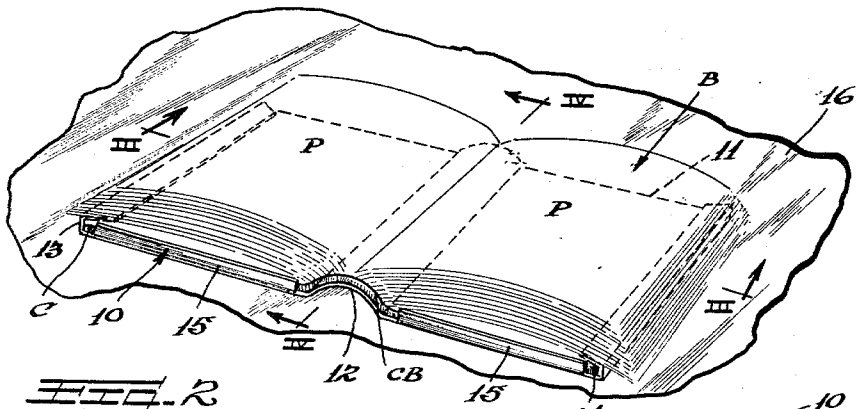


FIG. 2

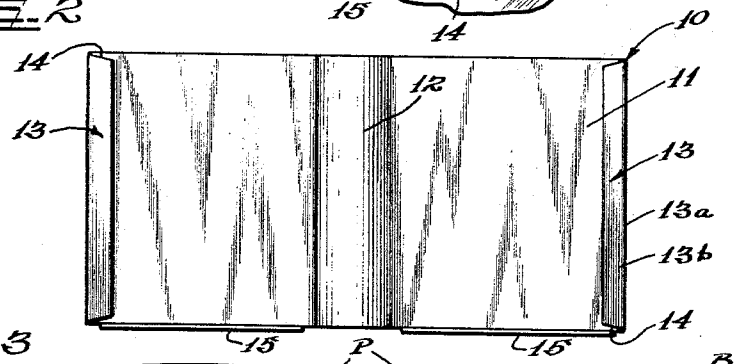


FIG. 3

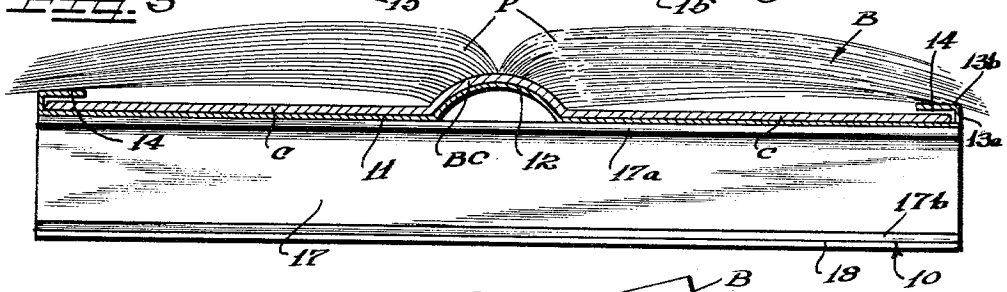
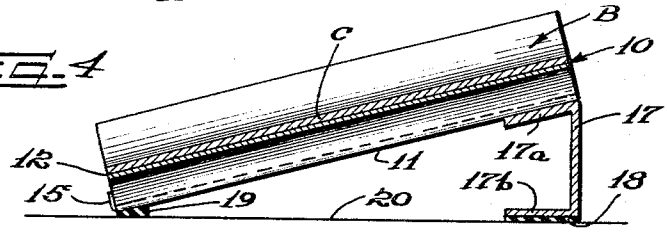


FIG. 4



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BOOK HOLDER

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FIG. 5

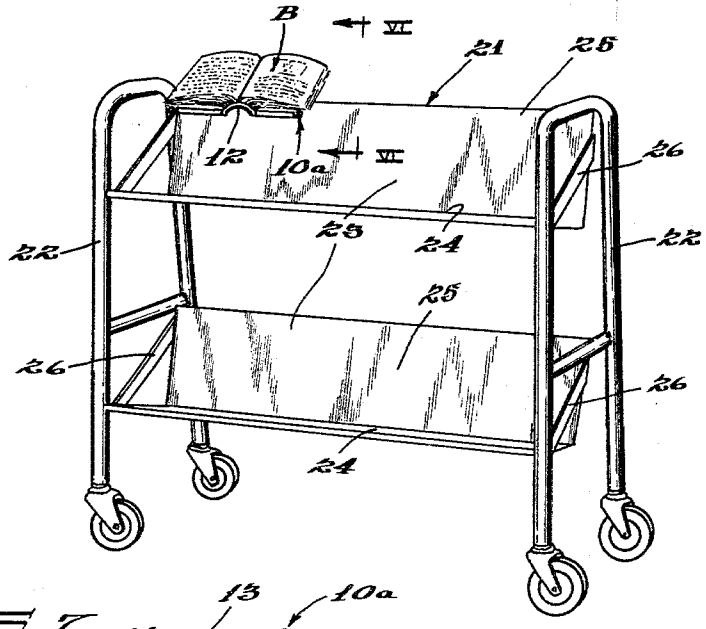
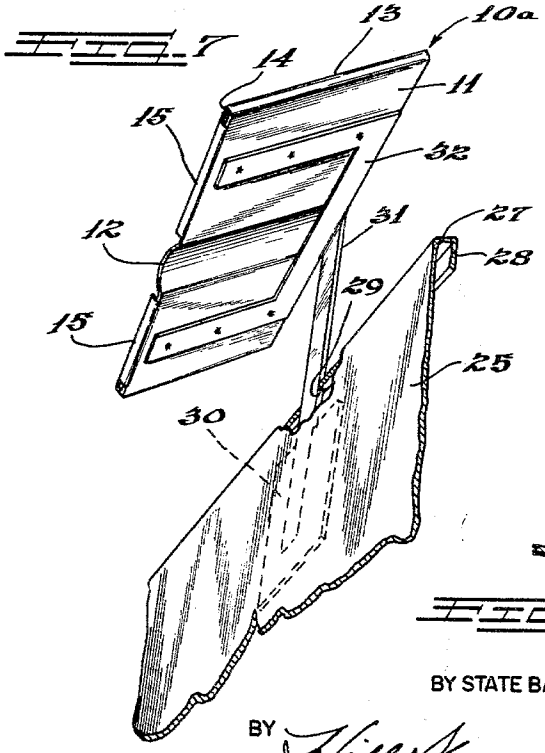


FIG. 7



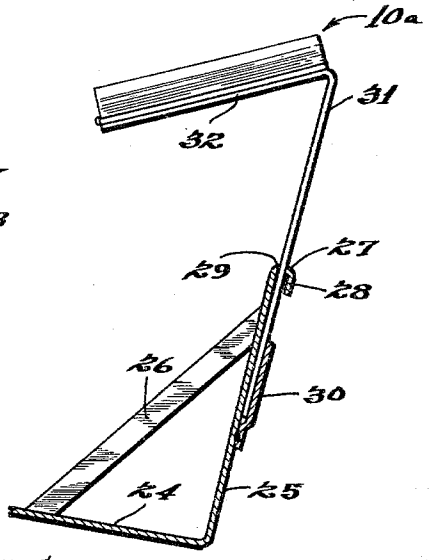


FIG. 6

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United States Patent Office

3,176,953
Patented Apr. 6, 1965

3,176,953

BOOK HOLDER

Lloyd E. Magers, deceased, late of Evanston, Ill., by State Bank and Trust Company, executor, Evanston, Ill., assignor, by mesne assignments, to Gaylord Bros., Inc., Syracuse, N.Y., a corporation of New York

Filed Dec. 4, 1963, Ser. No. 328,127
2 Claims. (Cl. 248—451)

This invention relates to a book holder or support which presents the book in an open position for full access to all of its pages while affording a reinforcing support for the book binding and preventing accidental dropping of the book. Specifically, the invention deals with a holder for large books such as dictionaries which will provide a reinforcing support for the book binding while preventing accidental dropping of the book.

The book holders of this invention are adapted for positioning on flat or inclined surfaces either as an integral part of the surface or as a removable member. A feature of the invention includes the provision of a rounded central raised portion for supporting the bound edge of the book so that the pages will be presented in full opened condition.

Another feature of the invention includes a provision of channel grooves to receive the side edges of the book covers for holding the book in fixed relation to the holder.

Another feature of the invention is the provision of supports for the book holder which maintain the same in an inclined position for better visual access to the book pages.

An object of the invention is to provide an inexpensive support for holding books in open position.

A still further object of the invention is to provide a book holder especially useful for holding large size books such as dictionaries in an open fully supported position while retaining the book against accidental dropping.

A specific object of the invention is to provide a metal plate-like book holder for supporting books in open position while reinforcing the bound edge of the book to prevent loosening or tearing of the pages.

Another specific object of the invention is to provide a book holder attachment for a mobile book stand whereby an index, dictionary or the like may be supported above the top shelf of the stand for easy access and for quick reference to books carried on the shelf of the stand.

Other further features and objects of this will become apparent to those skilled in this art from the following detailed description of the annexed sheets of drawings which, by way of preferred examples illustrate several embodiments of the invention.

On the drawings:

FIGURE 1 is a fragmentary perspective view showing the book holder of this invention mounted on a desk and supporting a large book such as a dictionary in open position.

FIGURE 2 is a plan view of the book holder shown in FIGURE 1.

FIGURE 3 is a transverse cross sectional view taken along the line III—III of FIGURE 1.

FIGURE 4 is a longitudinal cross sectional view taken along the line IV—IV of FIGURE 1.

FIGURE 5 is a perspective view of a book stand equipped with a book holder of this invention.

FIGURE 6 is an enlarged cross sectional view with parts in elevation taken generally along the line VI—VI of FIGURE 5.

FIGURE 7 is a fragmentary perspective view of the under side of the holder and the back of the top shelf of the book stand of the assembly of FIGURE 5.

As shown on the drawings:

Reference numerals **10** in FIGURES 1 to 4 designate

the book holder of this invention. This holder **10** is preferably composed of sheet metal and is of generally rectangular shape with a flat main body portion **11** having a central raised rounded bead or dome **12** extending across the middle of the main body from the top to the bottom thereof.

The side edges of the body have upturned generally U-shaped flanges **13** along the length thereof with each flange having a vertical end wall **13***a* and a horizontal top wall **13***b* thereby defining inwardly opening and open ended channel grooves **14** at both ends of the body.

The bottom edge of the body **11** has raised flanges **15** on each side of the central bead **12**.

The body **11** can rest flatwise on an inclined dictionary stand such as **16** shown in FIGURE 1 or can be equipped with legs such as a channel member **17** on the upper edge thereof shown in FIGURES 3 and 4 to hold the body in an inclined position. This leg **17** can span the entire width of the body and has an upper flange **17***a* welded or otherwise affixed to the back face of the body **11** along the upper edge thereof. The leg also has a botom flange **17***b* to which can be secured a strip of rubber, felt or the like **18**. Similar strips of rubber or felt **19** (FIGURE 4) can be secured to the back face of the body **11** along the front edge thereof on each side of the bead **12**. The strips **18** and **19** will prevent marring of furniture or the like on which the holder is placed and will also provide a non-skid support for the holder. As shown in FIGS. 1, 3 and 4, a book B, such as a large dictionary, is mounted on the holder **10** by sliding the side edges of the covers C into the channels **14** which have open inner sides and open top ends for ready insertion of the cover edges. The bottoms of the covers abut the flanges **15** while the back of the covers BC is supported on the raised bead **12**. With the pages P of the book in open position the bound edges of these pages adjacent the back of the covers BC will be supported in a natural contour for an open book thereby reinforcing the bound edges of the pages and presenting the pages in a flat fully visible condition. The free edges of the pages of course can overlie the tops of the flanges *13b*.

The channels **14** receiving the outer edges of the covers C are sufficiently high so that the covers can easily and loosely fit therein while the depth of the channels is sufficient to receive the marginal edges of the covers for a sufficient distance to prevent removal of the covers when the pages are turned.

It will be appreciated that the holder **10** of this invention takes all of the strain off of the bound edge of the book while holding the book in an open position. In addition, of course, the holder prevents accidental movement of the book either on an inclined top wall of the dictionary stand or on a flat desk top such as shown at **20** in FIGURE 4. Of course, if desired the book holder can be made integral with the top wall of a desk or dictionary stand in which embodiment the end channels **14** can be eliminated and the raised beads **12** relied upon to hold the book against shifting on the stand.

In the embodiment of the invention shown in FIGURES 5 to 7 the holder **10***a* has the same main body portion, end flanges, bottom flanges and raised central bead as the embodiment **10** of FIGURES 1 to 4 and these parts have been identified by the same reference numerals. The holder **10***a*, however, is arranged for detachable mounting on a mobile book stand **21** composed of U-shaped end frames **22** and superimposed book shelves **23** with each shelf having a downwardly inclined bottom wall **24** and a rearwardly inclined back wall **25** together with end straps **26** connecting the walls to provide book ends for books mounted on the shelves.

The back wall of the top shelf, as shown in FIGURES

6 and 7 has a rearwardly extending flange **27** with a downturned end **28** along the length of the shelf and a slot **29** is provided in the flange **27** at a selected point adjacent one end of the stand. Below this slot **29** the back wall is equipped with a pocket **30** welded to the back wall and providing an open top receptacle.

A metal strap or leg **31** is insertable through the slot **29** into the pocket **30** to be affixed to the top shelf for extending thereabove a predetermined distance. The upper end of the leg has a U-shaped downwardly inclined support portion **32** which is welded or otherwise affixed to the bottom face of the main body **11** of the holder **10***a*. The holder **10***a* is thus disposed above the top of the top shelf in an inclined position for supporting the book B over the books in the top shelf. The book B may conveniently be an index for an encyclopedia or the like books supported on the shelf and will be held in an open position for easy access.

From the above description it will therefore be understood that this invention provides a holder or support for maintaining books in open position and for reinforcing the book binding in such open position. The holders of this invention prevent accidental dropping of the books and are especially useful in supporting large dictionaries and the like.

It will be understood that modifications and variations may be effected without departing from the scope of the novel concepts of the present invention.

What is claimed is:

1. A book holder which comprises a generally rectangular metal plate having a central longitudinally extending arcuately raised bead contoured to fit the back of a book in open position, longitudinal flanges at the side edges of the plate defining inwardly facing channel grooves, upturned flanges at the bottom of the plate, said latter flanges terminating at the arcuately raised bead so as to lie wholly at opposite sides thereof, said channels being adapted to receive the end edges of a book cover, said raised bead being adapted to support the bound edge of a book and said bottom flanges being adapted to abut the bottom edges of the book cover for holding the book in an open flat position.

2. A book holder which comprises a generally flat body having book cover receiving channel grooves at the opposite ends thereof and a raised central bead to support the bound edge of a book for holding the pages of a book in a flat open position, abutment flanges on the bottom edge of the body for engaging the bottom edge of the book to retain the book in the channels and on the bead, a leg depending from one longitudinal edge of the body for holding the body in an upwardly inclined position, and non-skid members on the bottom of the leg and on the bottom face of the body at opposite sides of the bead and extended along the lower edge of the body.

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