Feb. 13, 1934. R. W. MASON 1,947,053

BOOKHOLDER

Filed June 19, 1933

Fig. 1

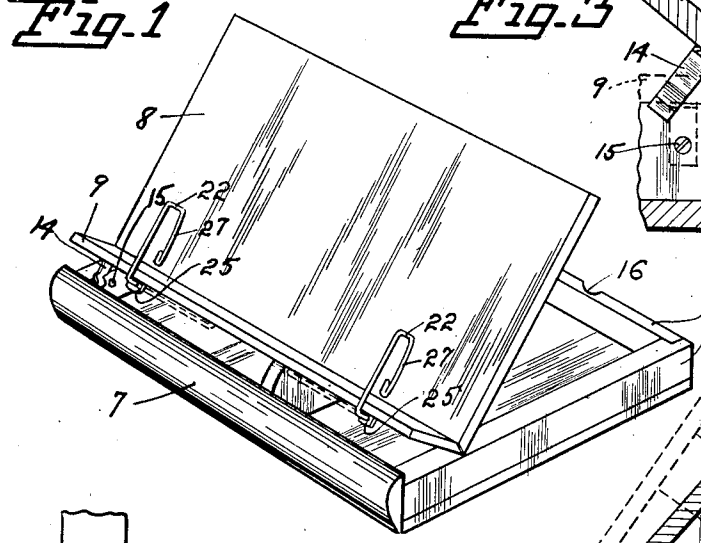


Fig. 3

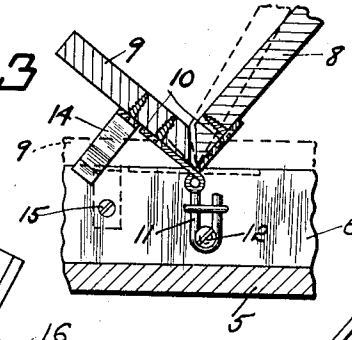


Fig. 4

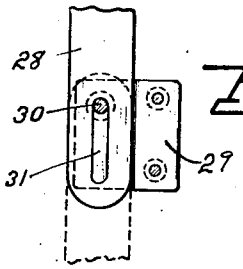


Fig. 2

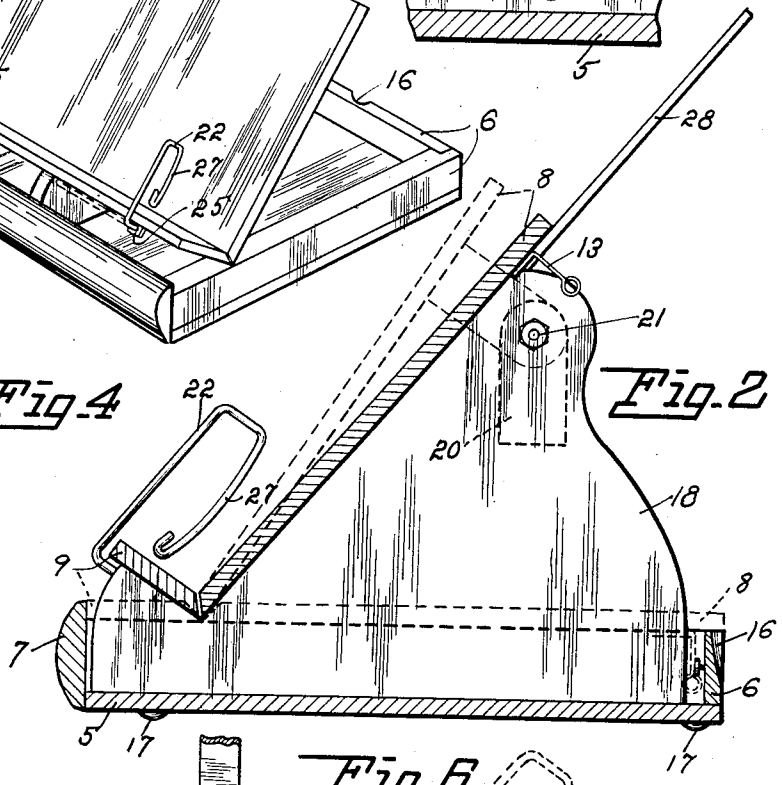


Fig. 6

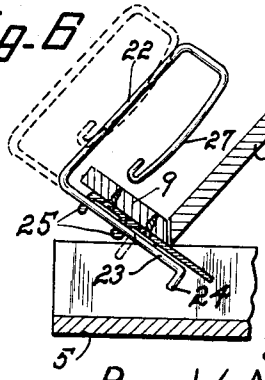
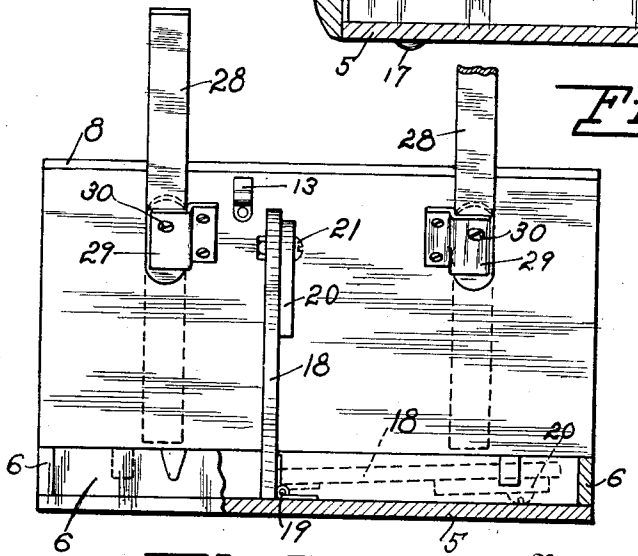


Fig. 5



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UNITED STATES PATENT OFFICE

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BOOKHOLDER

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Application June 19, 1933. Serial No. 676,458

4 Claims. (Cl. 45—57)

My invention relates to book holders and more particularly to a device for holding books, magazines or newspapers in the open position. Certain objects of the invention are to provide a book holder comprising a pair of book rest members pivotally connected together and to a base board member, together with means whereby the book rest members are retained in a raised position for holding books and the like. Further objects are to provide a book holder that is completely foldable within itself in the form of a closed book, and which comprises novel foldable bracket supports, novel foldable bracket clips for holding the pages of a book, novel extension arms for holding newspapers, and other novel details of construction as hereinafter set forth.

With the above and other objects in view which will appear as the description proceeds, the invention consists of the novel construction, adaptation, combination and arrangement of parts hereinafter described and claimed. These objects are accomplished by devices illustrated in the accompanying drawing; wherein: Figure 1 is a view in perspective of the device; Fig. 2 is a view in transverse vertical section of the same; Fig. 3 is a fragmentary view in vertical section showing one of the hinges for retaining the book rest members together; Fig. 4 is a detail plan view showing the bracket and extension arm arrangement; Fig. 5 is a view in rear elevation of the device; and Fig. 6 is a detail view in vertical section showing the spring clip for retaining the leaves of a book in the open position.

Referring to the drawing throughout which like reference numerals indicate like parts, the numeral 5 designates a base board having upstanding flange strips 6 secured to its rear and end edges, and an outwardly rounded strip 7 secured to its front edge and resembling the back of a book so that the device as a whole, when in the closed position as hereinafter set forth, resembles a closed book. The top of the device comprises a major book rest member 8 and a minor book rest member 9 which members are pivotally connected together by hinges 10 secured to their end portions. Said hinges may have extended pivot pins 11 bent downwardly and upwardly to form a loop through which a screw 12 may enter the end strips 6, as shown in Fig. 3, thus fastening said book rest members to the base of the device as will be understood. For retaining said book rest members in the closed position, as shown in dotted lines in Fig. 2, a spring snap member 13 may be secured to the outer edge of the major member 8 and a corresponding snap member 14 may be secured to the minor member 9, and said snap members may catch on pins 15 secured to the base flange strips. A notch 16 may be provided in the edge of the rear flange strip 6 for insertion of the user's finger in opening the book rest member 8. Small rubber bosses 17 may be secured to the bottom of the base board 5 and serve as rest cushions for the device.

For the purpose of holding the book rest members 8 and 9 in the raised or open position a bracket support 18 is disposed transversely of the base board 5 and hinged thereto at 19 so that said support may be folded down as shown in dotted lines in Fig. 5. The top edge of said bracket support is cut in V-form whereby it retains the book rests 8 and 9 in the raised position as shown in Fig. 2. A bracket finger 20 may be pivoted at 21 to the upper end portion of said bracket support whereby the book rest member 8 may be raised slightly higher if desired and as shown in dotted lines in Fig. 2. In using the device a book or periodical is placed on the raised book rest members in the open position and with its bottom resting on the minor rest 9 and its two open sides or backs resting on the major rest 8. For the purpose of holding the book leaves or pages down on both sides of the open book I have provided spring bracket clips 22 which I will now describe.

There are two bracket clips 22 made of spring metal wire and bent upon themselves as shown in the drawing. The extension arm 23 of said clips has an upturned stop end portion 24 and said clips are frictionally and slidably retained by guides 25 that are integral with plates 26 which are each secured to the underside end portion of the minor book rest member 9. The inner reach 27 of said clips engages against the leaves of the book on each side of the open book and thus hold the leaves down. Said clips, being made of spring wire, permits the leaves to be readily slipped from under one clip and placed under the other in reading a book and turning its pages. When the pages become too bulky on one side of the book the clip on that side may be pulled outwardly, as indicated in dotted lines in Fig. 6, and the clip on the other side may, of course, be pushed inwardly to hold the pages. When the device is not in use said clips may be pulled outwardly, pivotally turned until they are in a plane parallel with that of the book rest member 9, and then pushed inwardly so that, when the book rest members are closed down, the clips will be concealed.

For use in holding newspapers and other large

periodicals, I have provided a pair of extension arms 28. As shown in detail in Fig. 4, said extension arms are pivotally and slidably mounted in bracket bearings 29 that are secured to the outer and under edge portion of the major book rest member 8. A pivot pin 30 extends through said brackets and into said member and passes through a slot 31 in the inner end portion of said arms. This arrangement retains the extension arms in the outwardly extending position. To fold these arms inwardly against the back of the member 8 they are pulled outwardly until the pivots 30 contact with the ends of the slots 31 when they are pivotally swung to the folded position shown in dotted lines in Fig. 5.

It will now be apparent that I have provided a book holder that is completely foldable within itself. The barcket support 18 folds down into the bottom of the device carrying the finger 20, the clips 22 fold under the book rest 9, and the extension arms 28 fold under the rest 8. All of the members are invisible when the device is closed.

I claim:

1. A book holder comprising a base board having upstanding flanged edges, a major and a minor book rest member pivotally connected together and to said upstanding flanged edges, said two book rest members serving as a closure for the base and its flanged edges in their lowered position, a bracket support hinged to the base and foldable therein, and the top edge of said support cut in V-form whereby same is adapted to support the book rest members in a pivotally raised position when said bracket support is raised to a vertical position.

2. A book holder comprising a base board having upstanding flanged edges, a major and a minor book rest member pivotally connected together and to said upstanding flanged edges, said two book rest members serving as a closure for the base and its flanged edges in their lowered position, a bracket support hinged to the base and foldable therein, the top edge of said support cut in V-form whereby same is adapted to support the book rest members in a pivotally raised position when said bracket support is raised to a vertical position, spring bracket clips pivotally and slidably connected to the bottom of the minor book rest member and adapted to yieldably hold the pages of a book down when a book is positioned on the book rest members, and means whereby said bracket clips are folded flat against the bottom of the minor book rest member.

3. A book holder comprising a base board having upstanding flanged edges, a major and a minor book rest member pivotally connected together and to said upstanding flanged edges, said two book rest members serving as a closure for the base and its flanged edges in their lowered position, a bracket support hinged to the base and foldable therein, the top edge of said support cut in V-form whereby same is adapted to support the book rest members in a pivotally raised position when said bracket support is raised to a vertical position, and a finger bracket pivotally connected to the outer end of the bracket support and adapted to support the major book rest member at a position higher than it is supported by the main bracket support.

4. A book holder comprising a base board having upstanding flanged edges, a major and a minor book rest member pivotally connected together and to said upstanding flanged edges, said two book rest members serving as a closure for the base and its flanged edges in their lowered position, a bracket support hinged to the base and foldable therein, the top edge of said support cut in V-form whereby same is adapted to support the book rest members in a pivotally raised position when said bracket support is raised to a vertical position, and a pair of extension arms pivotally connected to the bottom of the major book rest member and foldable thereunder.

RAY W. MASON.