W. H. HASLAM.

BOOK HOLDER.

APPLICATION FILED FEB. 18, 1913.

1,263,761.

Patented Apr. 23, 1918.

4 SHEETS—SHEET 1.

Fig 1

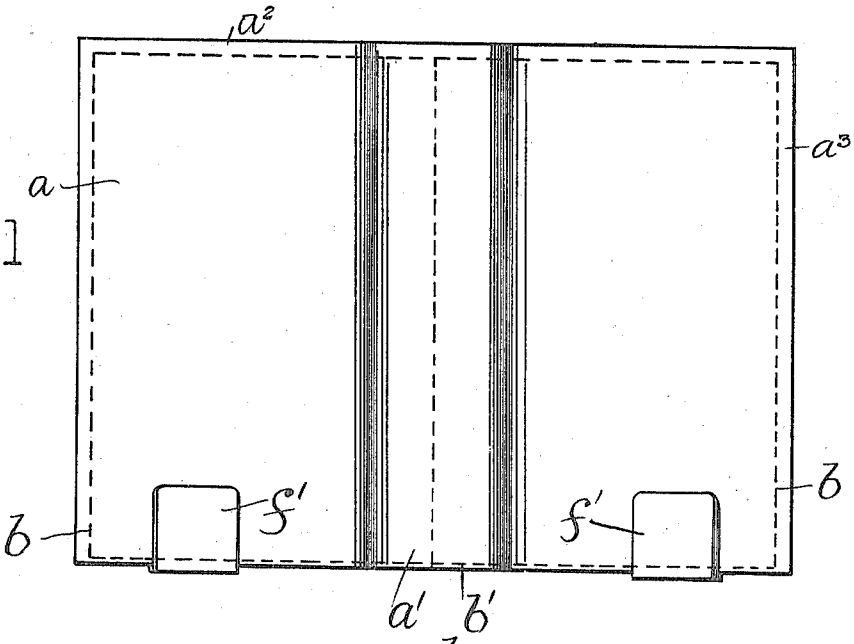


Fig 2

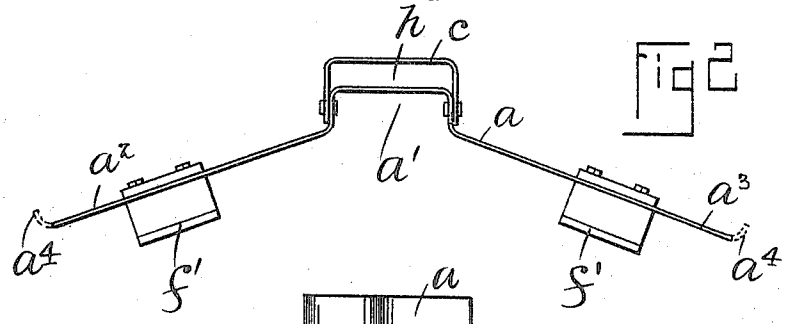
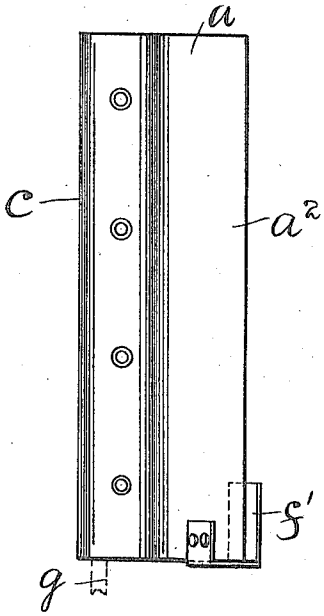


Fig 3



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4 SHEETS—SHEET 2.

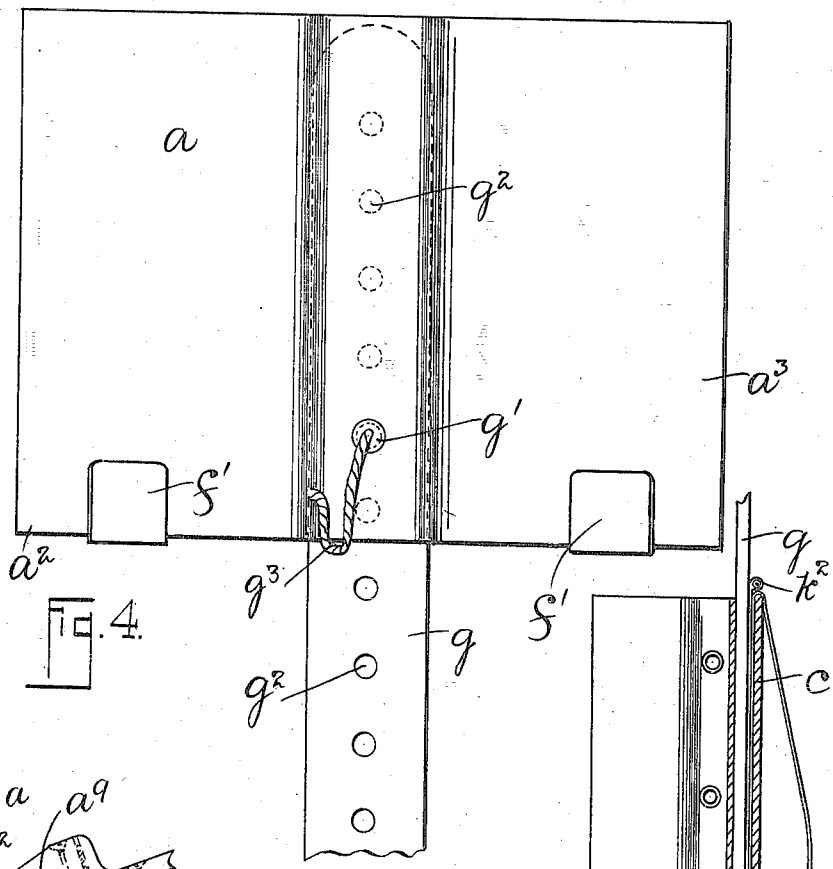


Fig. 4.

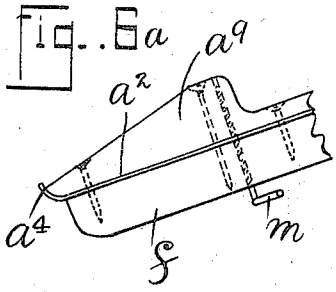


Fig. 6a.

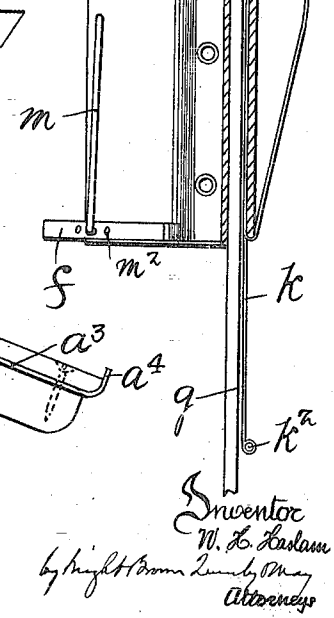


Fig. 7.

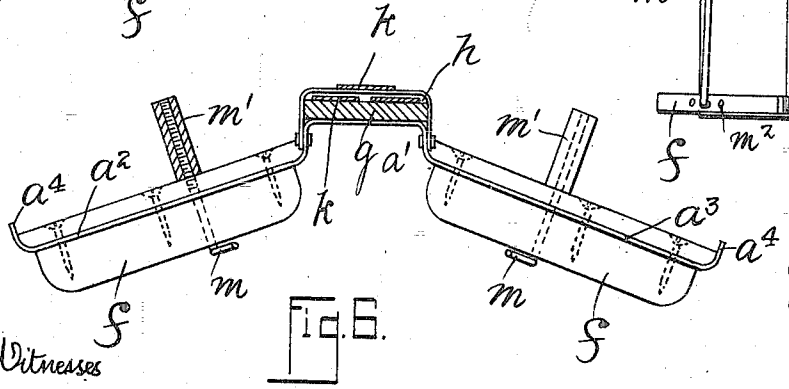


Fig. 6.

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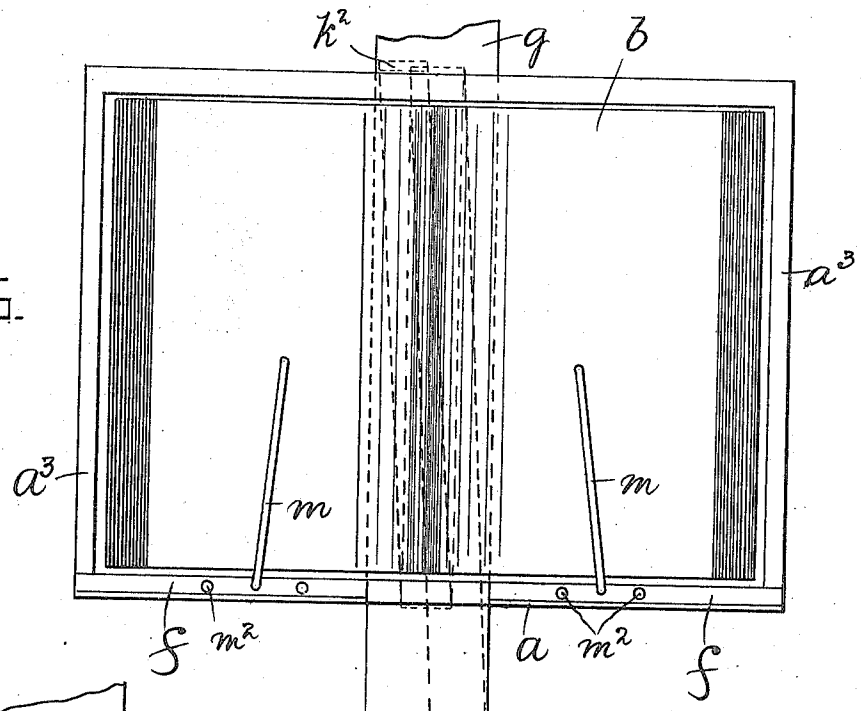
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4 SHEETS—SHEET 3.

Fig. 5.



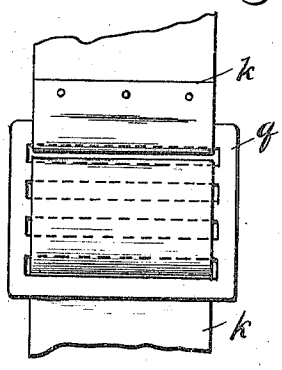


Fig. 14

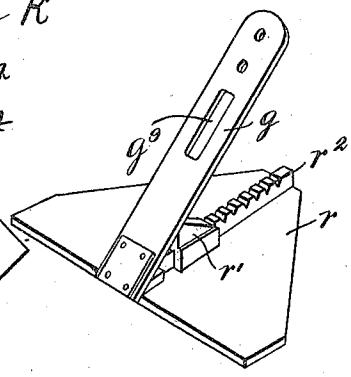


Fig. 15.

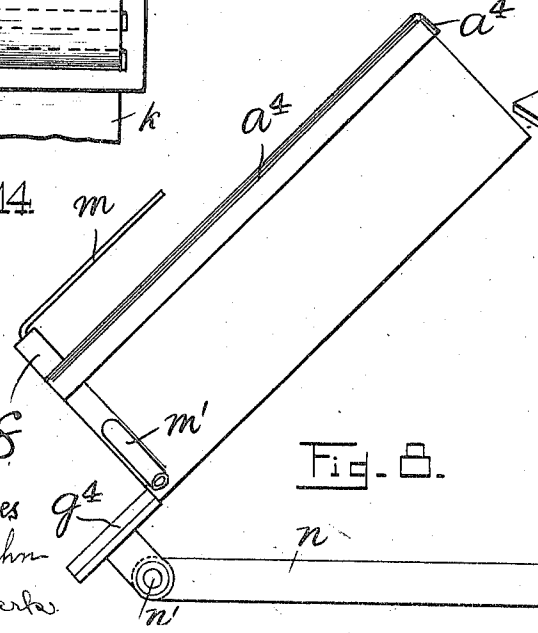


Fig. 8.

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4 SHEETS—SHEET 4.

Fig. 9.

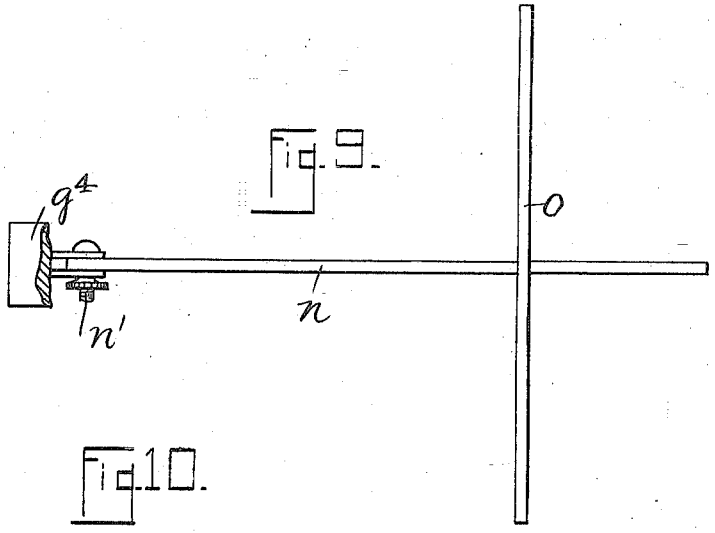
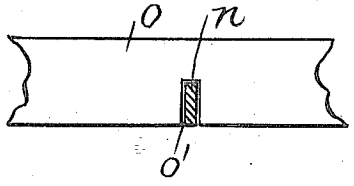


Fig. 10.



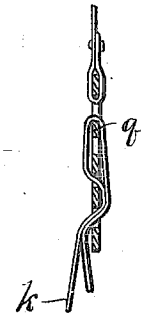


Fig. 13.

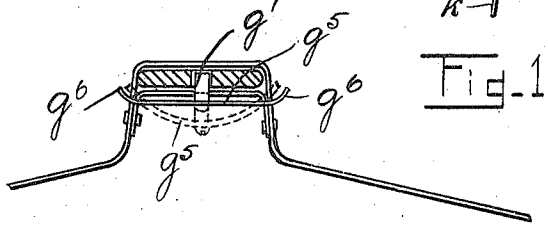


Fig. 12.

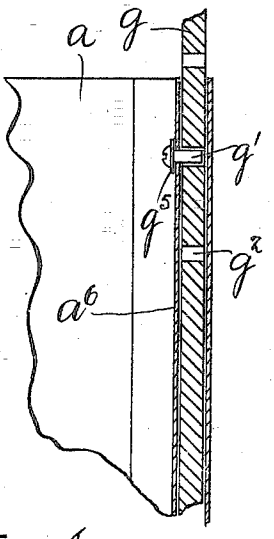


Fig. 11

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UNITED STATES PATENT OFFICE.

WILLIAM HENRY HASLAM, OF BOLTON, ENGLAND.

BOOK-HOLDER.

1,263,761. Specification of Letters Patent. Patented Apr. 23, 1918.

Application filed February 18, 1913. Serial No. 749,112.

To all whom it may concern:

Be it known that I, WILLIAM HENRY HASLAM, a subject of the King of Great Britain, and resident of Bolton, in the county of Lancaster, England, have invented a certain new and useful Improved Book-Holder, of which the following description, having reference to the accompanying sheets of drawings, is a specification.

My invention relates to book holders of the type that the user may hold in his or her hands, or otherwise secure upon appropriate supports in such a manner as to retain the book and all its leaves open at the proper place, and my said invention consists in forming or constructing said book holder so that it will attain the object desired although constructed of light material as cardboard, papier mâché, wood or the like, or even of metal. I further construct it and parts in connection therewith so that it may be mounted upon any appropriate support, or comfortably held in the hand of the user as circumstances may render desirable.

In the accompanying sheets of drawings which are illustrative of my said invention:—

Figures 1 and 2 are front elevation and plan respectively illustrating my improved book holder.

Fig. 3 is an end elevation thereof.

Fig. 4 is a front elevation of a modified form.

Fig. 5 is a front elevation of another modification of my invention showing a book mounted in position upon the holder.

Fig. 6 is a plan view of the holder illustrated in Fig. 5, parts being in section. Fig. 6^a is a detail view thereof.

Fig. 7 is a sectional end elevation thereof.

Fig. 8 is a view of my improved device with an additional part attached thereto for resting upon a table desk or the like.

Fig. 9 is a plan of certain of the parts illustrated by Fig. 8.

Fig. 10 is a sectional end elevation of a portion of the parts shown by Figs. 8 and 9.

Fig. 11 is a sectional end elevation of a portion of a book holder and its supporting handle showing a modified form of retaining said book holder in position on said handle.

Fig. 12 is a sectional plan of parts illustrated by Fig. 11.

Fig. 13 is a sectional end elevation showing a form of buckle which I employ.

Fig. 14 is a front view thereof.

Fig. 15 is a perspective drawing illustrating an alternative form of stand or support for my said book holder.

Similar letters and figures of reference indicate like parts throughout the several views.

In carrying my invention into effect I arrange a base piece a which has a central furrow or groove a^1 to receive the central or back part b^1 of the book b, said book being shown in broken lines Fig. 1, and full lines Fig. 5. The central or back part c of said holder is formed of an appropriate shape to be gripped by the hand of the reader while the two portions a^2, a^3, of the sides of the holder are for the sides of the book b to lie against, said side parts a^2, a^3 being arranged at appropriate angles for this purpose.

The central furrow a^1 is of sufficient width to permit any side movement on the part of the book b that the turning of its leaves may necessitate without causing said book to move its side parts from lying flat against the base or holder.

At the lower part of the base piece a I may arrange a projecting part or flange f upon or against which the bottom edge of the book may rest when in or on my improved holder, as shown in Figs. 5, 6, 7 and 8, and I may further have the sides and upper edges of the base piece a curved to provide flanges, as shown at a^4 in the several figures.

I may further arrange a removable plate f^1 as shown by Figs. 1, 2 and 3, this part being provided with an upwardly extending portion as shown by said figures. The pro-

jecting pieces f^1 are employed to take over the side parts of the cover of the book b as well as over the leaves of said book. This method of retaining the sides of the book b in position against the holder a has the effect of tending to prevent the leaves of such book from returning by their own resilience or recoil to any position from which they have previously been turned, hence the book when placed upon the holder a will tend to remain open to the reader at the desired place.

All the parts of my improved base piece or holder as above described may be formed integrally with each other as from one piece of material or substance, or the body part thereof may be formed of cardboard or like material with the projecting parts f, f^1 of metal or other suitable material which may be fixed to said body part a in any convenient manner, such fixing being, if desired, adjustable.

In connection with the base piece a formed or constructed as above described, I may make use of a handle part g (of wood or the like) properly shaped to enter and to take within the slot or opening h formed behind or to the rear of the furrow a^1 as shown by Figs. 4, 5, and 6, by which arrangement the user may hold the base piece a without gripping the back part c as above described. This handle g may fit tightly within the opening h so that it may be slid through said opening to occupy any desired position therein, while the friction between it and the parts surrounding it is sufficient to prevent the holder from sliding thereover without force.

Or I may make use of a peg or holder g^1 (particularly for heavy books) this peg g^1 being carried by the part a to which it is secured by means of the cord or the like g^3 while said peg g^1 is arranged to take within openings formed in the furrowed portion a^1 and through openings g^2 in the handle g, whereby this latter may be adjusted as desired.

Instead of making use of the removable peg g^1 I may mount said peg g^1 upon a spring or resilient part g^5 mounted in the rear part of the book holder, as shown by Figs. 11 and 12. This spring part g^5 normally holds said peg g^1 within one of the openings g^2 however it can be withdrawn therefrom by pressing the ends g^6 of said spring g^5 when the handle part g may be moved within the groove or opening h so that said peg g^1 may be arranged to take within other openings g^2 as will be readily understood. The openings g^2 for the reception of the peg g^1 are only necessary to be made through the inner part a^6 of the rear part c and through the handle g so that the outside of the part c is left blank or clear.

I may further employ a tape k to take through the opening h above referred to where it is held tightly against the sides thereof by the handle g when the latter is placed in position, thus said tape k may, when the handle part g is removed, be drawn out of the opening h sufficiently to form a loop and is frictionally held in this position by the handle g being returned within the opening h as shown by Fig. 7, by which means the fingers of the reader may be passed between said loop and the rear part c of the hook holder in order to hold same as desired, although the outer ends k^2 of said tape are so coiled or otherwise enlarged as to prevent them from being entirely withdrawn from said opening when the handle g is in its position within the opening h. The friction between the handle g, the tape k, and the body part of the holder retains the tape in proper position and required state of tension so that the loop is of the desired size. The tape k may be provided with a buckle to form a loop by connecting the two ends as will be readily understood, and the buckle which I preferably made use of is a metallic or like part q in the form of a grate or grid as shown by Figs. 13 and 14. The tape or the like k may be passed through the openings in this grate or grid so that said tape k may be adjusted and held securely in position so as to form a loop of the kind described in connection with Fig. 7, without being pierced by prongs as would be the case if I employed an ordinary buckle.

Where necessary or desirable I may have the device fitted with swiveling wires m suitably shaped so that they will extend over the leaves of the book resting upon the base piece a and will fit through openings m^2 in the flange f and base piece a and take through holding nuts m^1 which fit over the screwed ends of said part m. These wires m are adjustable by being screwed a greater or less distance through, into or out of the parts f and a in order to accommodate a thicker or thinner book as will be readily understood. More than one hole or opening may be made use of for the reception of the wire m as shown by Fig. 5 for purpose of adjustment. Or the wires m may be screwed within the part a^9 which is fixed to the part a, this being preferable because should the wires m be unscrewed too far from the nut m^1, these latter fall out of position.

Instead of using the handle g of the character above described I may arrange the base piece a^1 so that the openings h at the rear thereof may be made to take over suitable supports which are so shaped as to be readily attached to an arm of a chair or other article of furniture or merely to take

over such chair or article of furniture and to be thereby supported without being secured thereon.

Or again, I may arrange a part g^4 corresponding to the handle g to be hinged to a base piece n. A cross piece o which is provided with a slot or opening o^1 takes over the base part n so that the improved book holder may be supported upon a table, desk, or the like. The hinge n^1 to which the part g^4 is attached enables the book holder a to be adjusted into several different positions, as will be readily understood.

If desired I may make use of a base piece r to which the part g is hinged and this part g may rest against the movable support r^1, which is provided with a tooth for meshing with the ratchet teeth r^2 formed on said base piece so that the angle of the part g to the base piece r may be adjusted as desired. The slot g^9 in the part g is arranged so that the movable support r^1 may take therethrough when the part g is folded upon the base piece r. The lower part of the handle g is preferably enlarged or provided with a pad for taking against the person of the user or a resilient device may be mounted thereon for the same purpose.

For convenience in packing or storing and to provide a longer handle when desired, the handle g may be hinged at about its central part, or it is provided with parts which telescope or take within each other, so that said handle may readily pass through the groove h.

Such being the nature and object of my invention, what I claim is:—

1. A book holder formed of a single unitary structure of rigid material provided with wing members connected by a middle trough-like member open at its ends, the side walls of which are at an angle to the wings, means coöperating with the rear wall of the trough-like member to form a tubular guide, a support slidably engaging said guide, and means for maintaining the holder in different positions on said support.

2. In a book holder, side parts, a furrowed back part, a groove in said back part, a handle slidably connected to said back part, and a tape fitting between said handle and the sides of the groove through which it takes so as to form a loop at the rear of the back part.

3. A book-holder formed of a single unitary structure of rigid material provided with wing members connected by a middle trough-like member the side walls of which are at an angle to the wings, means for providing a recess extending longitudinally to the rear of the trough-like member, a support slidably engaging said recess and provided with holes, and spring pressed pins arranged to selectively engage said holes.

4. A book holder formed of a single unitary structure of rigid material provided with wing members connected by a middle trough-like member open at its ends the side walls of which are at an angle to the wings, means coöperating with the rear wall of the trough-like member to form a tubular guide, a support slidably engaging said guide, means for maintaining the holder in different positions on said support, and a base to which said support is hinged at one end.

5. A book holder formed of a single unitary structure of rigid material provided with wing members connected by a middle trough-like member the side walls of which are at an angle to the wings, each wing being provided with an upturned flange at one end, means for providing a recess to the rear of the trough-like member, a support slidably engaging said recess, means for holding the holder in different positions on said support, a base to which said support is hinged at one end, and an adjustable rest for said support carried by said base, said rest and said base having complemental intermeshing teeth.

6. In a book holder, side parts, a furrowed or back part, a groove formed in said back part, a handle part taking through said groove, a tape fitting between said handle and the sides of the groove, and a buckle arranged in the form of a grid for adjusting the position of said tape.

7. In a book holder, side parts, a furrowed or back part, a projecting lip against which the bottom of the book rests, a lip formed at right angles to said lip for holding in position the leaves of the book, a groove formed in the back part, a handle taking into the groove and provided with openings, and a removable pin for taking within the openings in said handle to hold it in different positions.

8. In a book holder, side parts, a furrowed or back part, a groove formed in said back part, a handle taking through said groove, openings formed in said handle, an opening formed in the inner wall of the back part, a pin taking through said opening, and spring or resilient arms taking through the sides of said back part whereby said pin may be removed from the openings in the handle and automatically returned thereto.

9. In a book holder, side parts, a furrowed or back part, a groove in said back part, a handle taking through such groove, openings formed in said handle, a pin for taking within said openings, a tape arranged to take between said handle and the side walls of the groove so as to form a loop, and a buckle for holding said tape in position.

10. In a book holder, side parts connected by an intermediate furrowed back part, said

furrowed part being provided with a groove, a support slidably mounted in said groove, and a loop having a portion interposed between said support and the walls of said groove, and frictionally held therebetween.

11. In a book holder, side parts connected by an intermediate furrowed back part, said furrowed part being provided with a groove, a support slidably mounted in said groove, and a tape having a portion interposed between said support and the walls of said groove to form a loop, and frictionally held therebetween, the ends of said tape being enlarged.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM HENRY HASLAM.

Witnesses:
JOHN WHITEHEAD,
SAMUEL HEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C.