H. ANDREE.

BOOK HOLDER.

APPLICATION FILED DEC. 19, 1913.

1,108,963. Patented Sept. 1, 1914.

Fig. 1

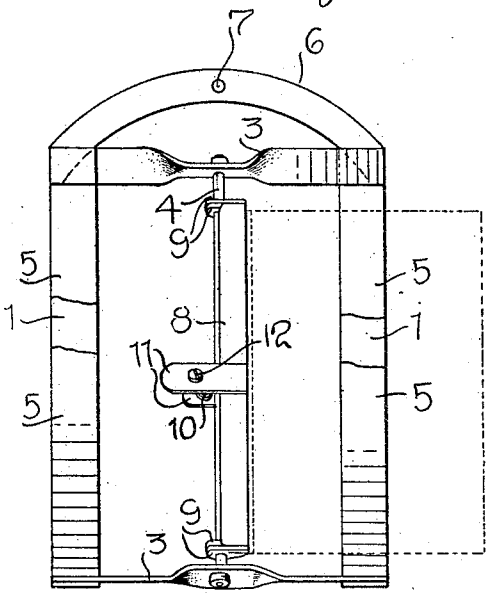


Fig. 2

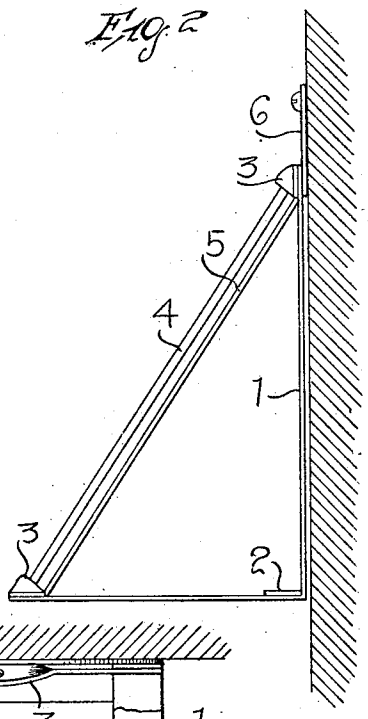


Fig. 3

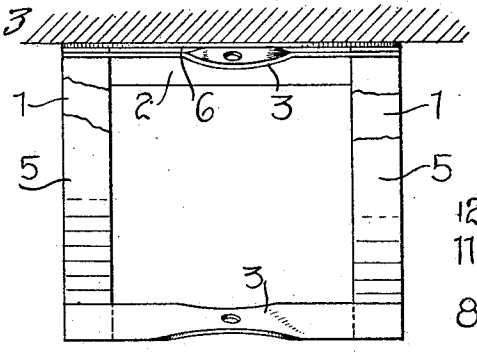


Fig. 4

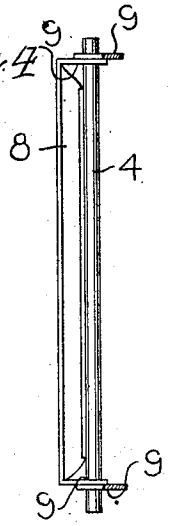


Fig. 5

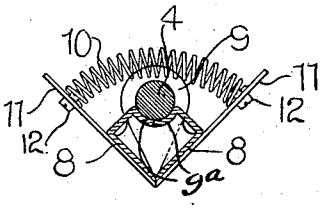
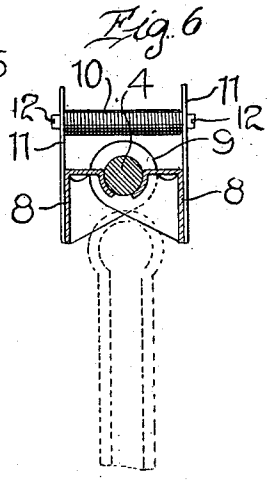


Fig. 6



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BOOK-HOLDER.

1,108,963. Specification of Letters Patent. Patented Sept. 1, 1914.

Application filed December 19, 1913. Serial No. 807,773.

To all whom it may concern:

Be it known that I, HENRY ANDREE, a citizen of the United States, residing at Rossville, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in Book-Holders, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in book holders and the object of the invention is to provide a device of this general character especially designed and adapted for detachably engaging and holding a book in such a position as to permit ready and convenient access thereto.

The invention consists in the details of construction and in the novel arrangement and combination of the several parts of my improved device whereby the same is rendered simpler, less expensive and otherwise better adapted and more convenient for use, all as will hereinafter be more fully set forth.

The novel features of my invention will be carefully defined in the accompanying claims.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings forming part of this specification, and wherein—

Figure 1 is a view in front elevation of a book holder constructed in accordance with my invention, a book being indicated by dotted lines; Fig. 2 is a view in side elevation of the device, as shown in Fig. 1, with the book omitted; Fig. 3 is a view in top plan of the device as shown in Fig. 2, with the book engaging means omitted; Fig. 4 is a view partly in elevation and partly in section of the book engaging means; Fig. 5 is a sectional view taken substantially centrally of the book engaging means illustrating the same in closed position; and Fig. 6 is a view similar to Fig. 5, showing the members adjusted into an open position.

As disclosed in the drawings, my improved book holder comprises two spaced side members 1—1 substantially L-shaped in form and held in operative relation by the lower tie rod 2 suitably secured to the stem portions of the side members adjacent the heels thereof and by the connecting members 3—3 positioned adjacent the opposite free end portions of the side members and it is to be particularly observed that the central portions of such connecting members 3—3 are so twisted or bent as to afford substantially parallel faces wherein the end portions of the pintle 4 may be affixed and maintained on an upward and rearwardly directed incline, such pintle also serving as a reinforce or brace to maintain the parts of the frame in operative relation. The frame is further reinforced by the upwardly and rearwardly directed side members 5—5 having their opposite end portions secured adjacent the forward ends of the feet of the side members and adjacent the upper ends of the stems of the side members.

It is thought to be clearly apparent that a frame constructed as herein set forth can be readily and conveniently rested upon any suitable supporting surface, but under some conditions it is best that the frame be suspended from a suitable anchoring member affixed to a wall or the like and as herein disclosed this is accomplished through the medium of the upwardly arched bar 6 secured to the upper end portions of the stems of the side members, and disposed substantially in the same vertical plane and at a point approximately centrally of this arched member 6 is afforded a perforation 7 through which is adapted to be passed the requisite anchoring member in a manner which is believed to be obvious.

Coacting with the pintle 4 are the binding members 8 provided with the inwardly directed perforate ears 9 embracing the pintle 4. It is also to be observed that the longitudinal marginal portions of the binding member 8 adjacent the pintle 4 are so bent as to afford the inwardly directed lips or flanges 9^a which are adapted to limit the insertion between the binding members 8 of the book or other periodical adapted to be clamped therebetween so that the back of such book or periodical will not contact with the pintle and thereby offer resistance to the movement of the members 8 relative to the pintle 4. It is to be observed that the ears of the respective members 8 are disposed at substantially right angles so that the transverse diameters of the members 8 will be disposed in converging planes whereby the forward longitudinal edges of such members

8 may be caused to securely engage or bite the rear portion of the book or periodical which is adapted to be supported by the device.

The members 8 are automatically maintained in operative engagement with the book or periodical to be supported through the medium of an expansible member, herein shown as a coil spring interposed between the rearwardly directed extensions 11—11 produced on the member 8 and relatively disposed in forwardly converging planes.

While the expansible member 10 may be maintained in an operative position as may be employed with convenience, I find it best to employ the arrangement disclosed in the drawings, wherein the end convolutions or fakes of the member embrace or surround the projected portions of the endwise adjustable members 12—12 herein shown as screw members suitably threaded through the extensions 11—11.

From the foregoing description of my improvements, it is thought to be obvious that a book holder constructed in accordance with my invention is of an extremely simple and comparatively inexpensive nature and is particularly well adapted for use by reason of the facility and convenience with which it may be caused to support the book without offering any interference to the opening thereof, and it is also to be obvious that I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice.

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

A device of the character described comprising a supporting member, a pintle mounted therein and disposed on an upward and rearwardly directed incline, coacting binding members provided with rearwardly disposed perforate ears through which the pintle passes, a rearwardly directed extension carried by each of the binding members, and an expansible member interposed between the extensions, the rear longitudinal margins of the binding members being provided with inwardly directed flanges for limiting insertion between said binding members.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

HENRY ANDREE.

Witnesses:
D. J. CARROLL,
E. M. STRUDLEY.

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