H. W. BROMLEY.

BOOK REST.

APPLICATION FILED MAY 5, 1920.

1,360,718. Patented Nov. 30, 1920.

Fig. 1.

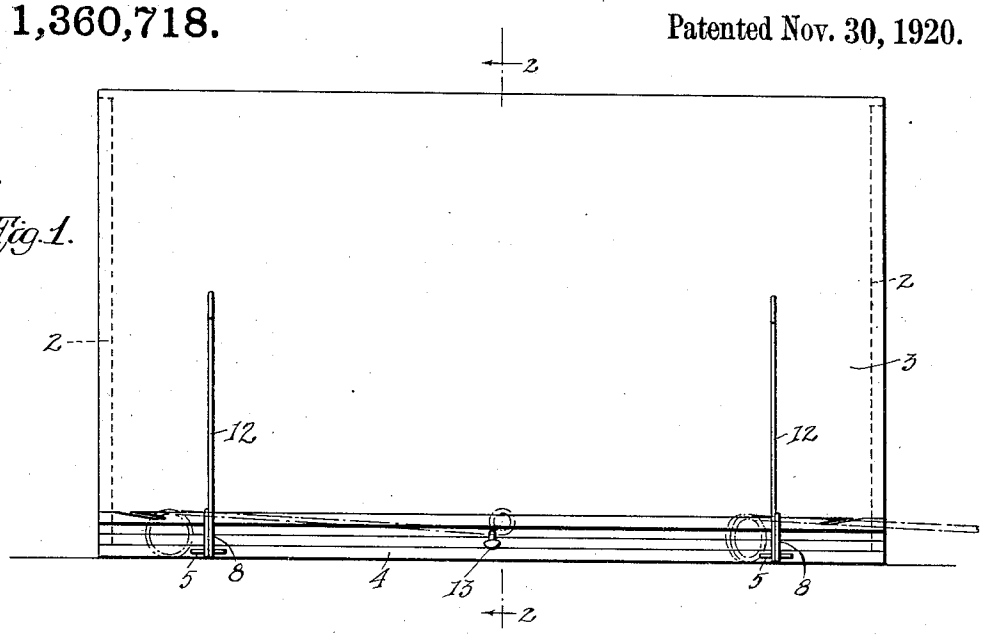


Fig. 2.

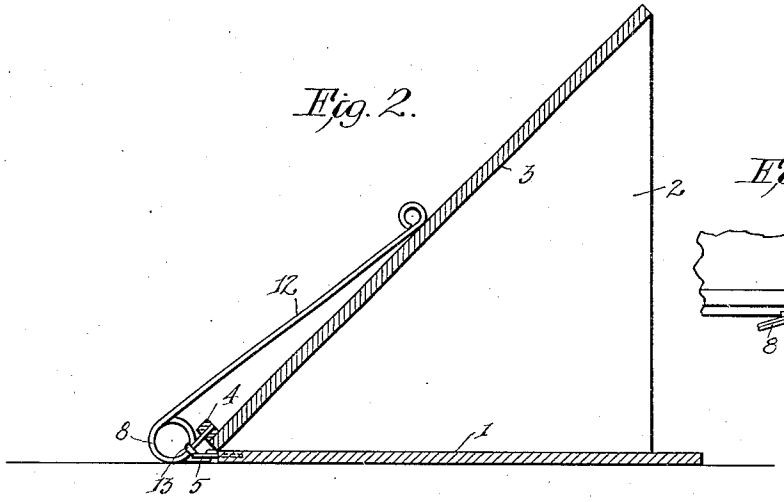


Fig. 3.

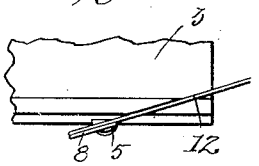


Fig. 4.

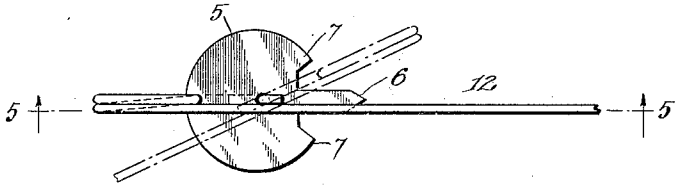
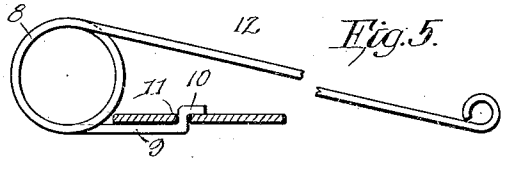


Fig. 5.



WITNESSES

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BOOK-REST.

1,360,718. Specification of Letters Patent. Patented Nov. 30, 1920.

Application filed May 5, 1920. Serial No. 379,029.

To all whom it may concern:

Be it known that I, HENRY W. BROMLEY, a citizen of the United States, and a resident of the city of Wilmore, in the county of Jessamine and State of Kentucky, have invented a new and Improved Book-Rest, of which the following is a full, clear, and exact description.

This invention relates to improvements in book rests, an object of the invention being to provide a simple and efficient means for securing a book in open position against the rest, and so construct the parts as to facilitate the removal of the book or the turning of the pages.

A further object is to provide improvements of the character stated, which can be manufactured and sold at an extremely low price, and which will most efficiently perform the functions for which they are intended.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings—

Figure 1 is a view in front elevation illustrating my invention.

Fig. 2 is a view in section on the line 2—2 of Fig. 1.

Fig. 3 is a fragmentary plan view showing one of the arms swung downwardly.

Fig. 4 is a plan view illustrating in full lines the normal position of the parts and in dotted lines the position of initial assemblage.

Fig. 5 is a view in section on the line 5—5 of Fig. 4.

1 represents a horizontal base board having triangular uprights 2 fixed thereon, and on which an inclined book supporting board 3 is secured.

A strip 4 is secured to the lower edge of the board 3 and constitutes a ledge limiting the downward movement of a book on the support.

5, 5, represent my improved spring holders. These holders 5 constitute relatively small circular plates having a relatively long prong 6, and relatively short prongs 7 spaced from the prong 6. These prongs 6 and 7 are adapted to be pressed into the edge of the base board 1 to rigidly secure the spring holders thereto.

I employ two springs 8 composed of spring wire coiled between their ends to give them the necessary elasticity, the shorter ends 9 being positioned under the holders 5 and having upwardly projecting hooked ends 10 to engage in opening 11 in the holders.

To connect the springs to their holders 5, it is necessary to position the spring in the position indicated in dotted lines in Fig. 4 as the opening 11 is disposed eccentrically to the circular or curved support. When the spring is in the position indicated in dotted lines in Fig. 4, and the hooked end 10 is located in the opening 11, the spring can be swung around to the position shown in full lines in Fig. 4, so that the support 5 will engage the coiled portion of the spring 8 and lie in a plane under the coil and above the portion 9 so as to securely hold the spring against accidental displacement relative to its support. By reason of this construction, the spring cannot be removed until the support is removed with it and the spring turned to the position indicated in dotted lines.

The springs 8 are made at one end in the form of elastic arms 12, which elastically engage the book rest 3, or the pages of a book on said rest, to hold the book in opened position convenient for reading.

When it is desired to remove the book or turn the pages thereof, the spring arms 12 are swung downwardly and a pin 13 is provided on the ledge 14 on which the spring arms may be positioned and held until they are again desired in operative position.

This movement of the spring arms is possible by reason of the inherent elasticity of the wire and also because of the fact that the connection of said springs with the holders 5 is a relatively loose one.

Various slight changes might be made in the general form of the parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claims.

I claim:

1. A device of the character stated, comprising a book rest, perforated supports secured to the book rest, spring arms having hooked ends engaging the perforations of the supports, said supports comprising rela-

tively small plates, and spurs on the plates driven into the book rest.

2. A device of the character stated, comprising a book rest, supports adapted to be connected to the book rest, said supports having openings therein, springs having coiled portions intermediate their ends and at their ends forming relatively long spring arms and relatively short arms respectively, upwardly projecting hooks on the ends of the shorter arms adapted to be positioned in the openings of the supports and hold the supports positioned above the shorter ends of the springs and portions of the coil thereof.

HENRY WALTER BROMLEY.