No. 606,924. Patented July 5, 1898.

C. D. HALE.

MUSIC BOOK HOLDER.

(No Model.) (Application filed May 10, 1897.)

FIG. 1.

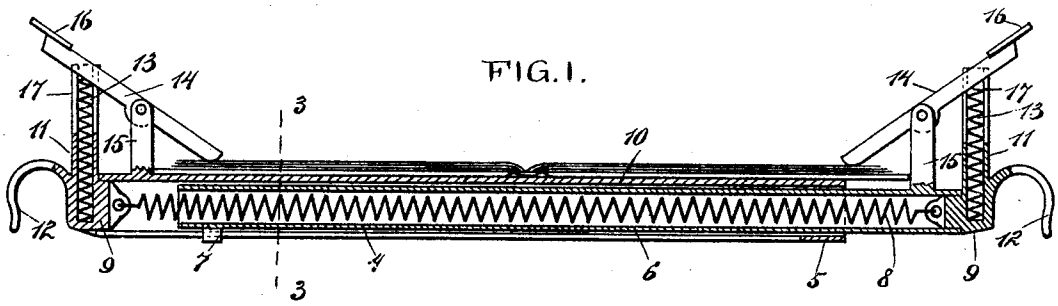


FIG. 2.

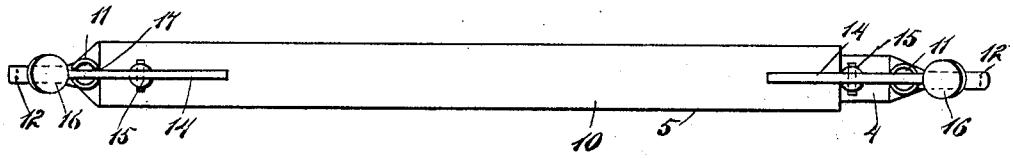
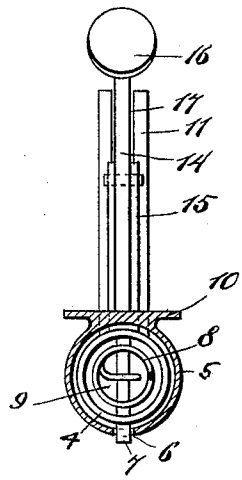


FIG. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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MUSIC-BOOK HOLDER.

SPECIFICATION forming part of Letters Patent No. 606,924, dated July 5, 1898.

Application filed May 10, 1897. Serial No. 635,895. (No model.)

To all whom it may concern:

Be it known that I, CALEB D. HALE, of Alpha, in the county of Howard and State of Maryland, have invented a new and Improved Music-Book Holder, of which the following is a full, clear, and exact description.

This invention is an apparatus for holding out flat the leaves and backs of music-books while the books are being used for reading the music therefrom.

This specification is the disclosure of one form of my invention, while the claims define the actual scope of the conception.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a vertical section of the invention. Fig. 2 is a plan view thereof, and Fig. 3 is a sectional view of the invention on the line 3 3 of Fig. 1.

The device has a main or body portion formed of two telescopic cylindrical sections 4 and 5, the section 5 having a longitudinal slot 6 therein, receiving a stud 7, projecting from the inner end of the section 4. In the outer end of each section 4 and 5 is a head 9, and to the heads the ends of a contractile spiral spring 8 are attached, so as to hold the heads firmly in place and to draw the sections 4 and 5 together. The tube or section 5 carries a ledge 10, projecting horizontally at each side of the section and forming a rest for the back of the book, as shown in Fig. 1.

Each head 9 has a perpendicular tube 11 standing thereon and an ear 12 by which the tubes or sections may be grasped with the thumb. Contained in the tubes 11 are expansive spiral springs 13, which press against levers 14, fulcrumed on posts 15, standing on the sections 4 and 5. Each lever 14 has a key 16 and moves vertically through slots 17, formed in the tubes 11. The springs 13 throw downward the inner ends of the levers 14 and cause them to press upon the leaves of the book to hold the book in place, as shown in Fig. 1.

When it is desired to use the invention, the sections 4 and 5 are extended, as shown in Fig. 1, so that the edges of the back of the book will bear against the posts 15. This holds the sections 4 and 5 spread against the tendency of the spring 8. The levers 14, bearing down upon the leaves of the book, hold the leaves out flat and keep them in position convenient for the performer.

The device may be rested on any suitable support—such, for example, as the music-ledge of a piano—or a special support may be provided for the device, if so desired.

Various changes in the form, proportion, and minor details of my invention may be resorted to without departing from the spirit and scope thereof. Hence I do not consider myself limited to the precise construction herein shown, but believe that I am entitled to all such variations as come within the terms of my claims.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination of two telescopic sections having guided longitudinal movement, the upper surface of the outer section forming a rest, a head carried at the outer end of each section, a spring arranged within the inner section and connected with the said heads to draw the sections together, a post carried on each section, a lever fulcrumed on each post, and a spring supported at the outer end of each section and engaging the lever, substantially as described.

2. The combination of two telescopic sections, one of which is provided with a longitudinal slot and the other with a stud projecting therefrom and adapted to engage the said slot, the outer section having a flat upper surface forming a rest, a spring arranged to draw the sections together and a leaf-holding device carried by each section, substantially as described.

3. The combination of two slidably-connected sections, a tube carried by each section, a lever fulcrumed on each section, and a spring held in each tube and respectively pressing the levers, substantially as described.

4. The combination of two telescopic sections, a spring drawing the sections together, a head contained in the outer end of each section, the heads having tubes rising therefrom, a post carried on each section, a lever fulcrumed on each post, and a spring contained within each tube and respectively pressing the levers.

5. The combination of two slidably-connected sections the outer section being provided with a ledge projecting at each side of the section and forming a rest, a spring drawing the sections together, a head carried at the outer end of each section, each head having a tube rising therefrom, a post carried on each section, a lever fulcrumed on each post, and a spring contained within each tube and respectively pressing the levers, substantially as described.

6. The combination of two slidably-connected sections, a head attached to the outer end of each section, a slotted tube carried by each section, a lever fulcrumed on each section and adapted to move in the slots in the tube, and a spring held in each tube and respectively pressing the levers, substantially as described.

7. The combination of two slidably-connected sections, a spring drawing the sections together, a head carried at the outer end of each section, each head being provided with a slotted tube rising therefrom, a post carried on each section, a lever fulcrumed on each post and adapted to move in the slots in the tube, a spring contained within each tube and respectively pressing the levers, and an ear at the outer end of each head, substantially as shown and described.

8. The combination of two telescopic cylindrical sections, one of said sections being provided with a longitudinal slot and the other with a stud projecting therefrom and adapted to engage the said slot, the outer section carrying a ledge projecting horizontally at each side of the section and forming a rest, a head carried in the outer end of each section, a spring attached at its ends to the said head and drawing the sections together, a tube carried by each head and formed with slots, a post carried on each section, a lever fulcrumed on each post and adapted to move in the slots in the tube, and a spring contained within each tube and respectively pressing the said levers, substantially as shown and described.

CALEB D. HALE.

Witnesses:
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WM. H. JONES.