

(No Model.)

G. W. POOLE.
ADJUSTABLE BOOK SUPPORT.

No. 510,090.

Patented Dec. 5, 1893.

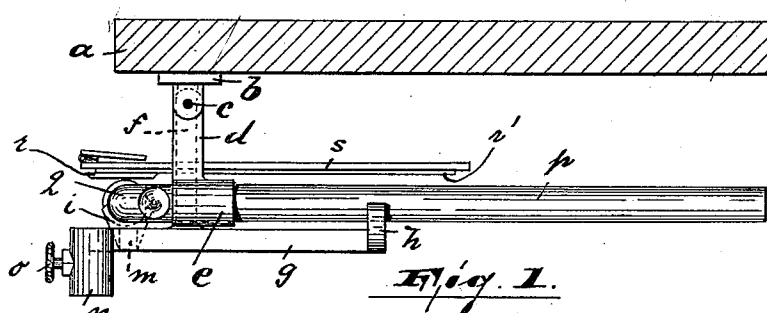


Fig. 1.

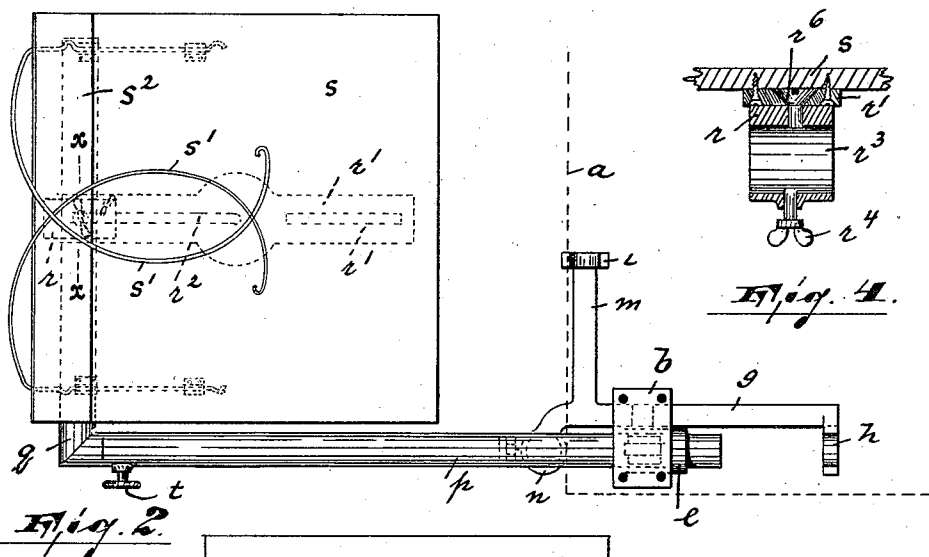


Fig. 2.

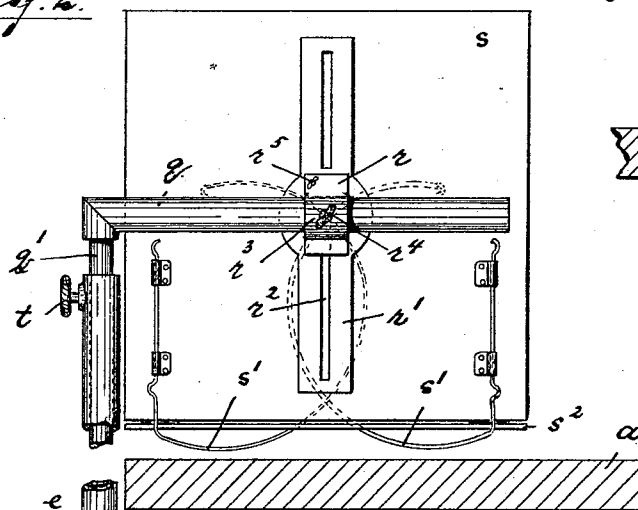


Fig. 3.

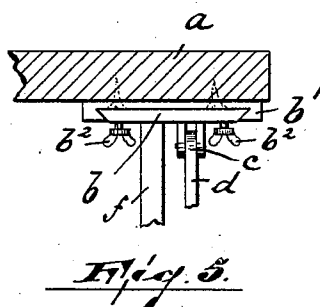
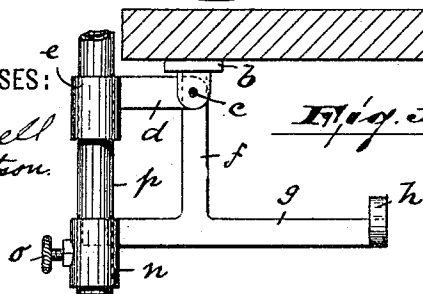


Fig. 4.

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UNITED STATES PATENT OFFICE.

GARRETT WALLACE POOLE, OF NEWARK, NEW JERSEY, ASSIGNOR TO
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ADJUSTABLE BOOK-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 510,090, dated December 5, 1893.

Application filed March 31, 1893. Serial No. 468,443. (No model.)

To all whom it may concern:

Be it known that I, GARRETT WALLACE POOLE, a citizen of the United States, residing in Newark, county of Essex, and State of New Jersey, have invented certain new and useful Improvements in Adjustable Book-Supports; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to a new and useful improvement in adjustable music or book supports, especially adapted to be used on chairs or similar pieces of furniture.

The object of this invention is to provide a book or music support of simple, strong and durable construction, adjustable to any desired position, and capable of being folded together and turned under or within the piece of furniture, to which it is attached.

The invention consists in the improved book or music support, in its connection with the piece of furniture, and in the combination and arrangements of parts, substantially as will be hereinafter more fully described and claimed.

Similar letters of reference indicate corresponding parts throughout the several views illustrated in the accompanying drawings.

Figure 1. is a front elevation of my improved book support, when folded together and turned under a piece of furniture. Fig. 2. is a top plan view of Fig. 1, the folded book support being moved out of the piece of furniture. Fig. 3. is a rear elevation of my improved device, when ready for use. Fig. 4. is an enlarged detail sectional view on the line $x-x$ of Fig. 2, and Fig. 5. is a detail view illustrating a modified form of attaching the support to a piece of furniture.

In said drawings a represents the portion of a piece of furniture, to which is secured the bracket b , having a downwardly extending arm f , carrying cross arms g and m , arranged approximately at right angles to each other. The free ends of said cross arms are provided with semicircular bearings h and i

respectively and the arm g also with a downwardly extending sleeve n , provided with a set screw o as clearly shown in Figs. 1 and 3.

Pivoted to the bracket b (as at c) is an arm d provided at its free end with a sleeve e , in which is arranged a tube p , carrying the rod q' , which latter can be adjustably secured in said tube by means of the set or thumb screw t .

Integral with rod q' and at right angles thereto is a rod q , on which is adapted to operate a sleeve r^3 , provided with a face plate r , adapted to be guided in the elongated slot r^2 of supporting plate r' of table s . (By preference the slot r^2 is inwardly beveled and is engaged by a correspondingly beveled screw or projection r^6 , as shown in Fig. 4.) The face plate r is held in position, when adjusted, by the screw r^5 , and the sleeve r^3 , on the rod q , by the screw r^4 .

The table s is provided at one side with a foot or rest s^2 and also with springs s' , all these parts being of the usual construction.

In Fig. 5. of the drawings, I have shown the bracket b arranged in an elongated beveled slot of an additional bed plate b' in which it is adjustably secured by means of the thumb screws b^2 .

The operation is as follows: Supposing the book rest and the various parts occupy the position shown in Fig. 1, that is to say under the furniture and out of position, the rod q is now tilted upward out of the bearing i and is then pulled outward carrying the tube p through the sleeve e until the end clears the bearing h on arm g . This position is indicated in Fig. 2. The rest s , rod q and the tube p are then swung around to the right on the pivot c , until the end of tube p is exactly over the sleeve n . The tube p is then lowered through the sleeve n occupying the position shown in Fig. 3. The tube p may be raised or lowered in said sleeve n to the required height and held therein by the thumb screw o . The rest s is now drawn outward until the plate r sliding in groove r^2 of plate r' reaches approximately the center of said plate r' , in which position it is held by the thumb screw r^5 . The rest s is then tilted on the rod q , until the foot s^2 is at the bottom or in the position indicated in Fig. 3. The thumb screw r^4 is then tightened and the rest permanently

held in the tilted position. The rest *s*, rod *q* and its rod *q'* are then swung around in the tube *p* until the rest is in the required position, in which position it is held by the thumb screw *t*.

To return the apparatus to the first position all the movements heretofore described are reversed.

Should the apparatus when not in use project too far out from the furniture, I have shown at Fig. 5 a beveled bearing *b*, sliding in a beveled block *b'* secured to the furniture, by means of which the arm *d* and the apparatus attached thereto may be slid farther under the furniture if necessary. The thumb screws *b²* serve to lock the plate *b* and prevent its accidental withdrawal from the plate *b'*.

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

1. An adjustable book or music support for chairs, desks and the like, consisting of a rest adapted to be raised, lowered and tilted upon its supporting rod, a standard arranged at right angles to said supporting rod and adapted to receive an arm thereof, a bracket secured to the article of furniture, an arm and sleeve pivotally secured to said bracket, said standard being adapted to slide in said sleeve, cross arms depending from said bracket and adapted to receive and support the rest and standard, all arranged so that said supporting rod may be lowered in said standard and said standard may be swung under the article of furniture and held in said cross-arms when the rest is not in use, substantially as described.

2. The combination in a book or music support for chairs, desks and similar articles of furniture, of the rest *s* and its supporting arm *q* and rod *q'* at right angles thereto, with a tube *p* pivotally attached to the article of furniture, and the arm *f* carrying the cross arms *g* and *m* and also attached to the articles of furniture, said cross arms being arranged at approximately right angles to each other and provided at their free ends with the bearings *h* and *i*, and with a sleeve *n* adapted to receive the tube *p* when the rest is in use, all arranged so that when not in use, the rest *s*, its supporting arms *q* and rod *q'* and the tube *p* may, when the rod of said tube *p* is withdrawn from the sleeve *n*, be swung under the articles of furniture and be supported thereunder in the bearings of said arm *f*, substantially as described.

3. An adjustable book or music support for chairs, desks and similar articles of furniture, consisting of a rest, adapted to be raised or lowered and tilted around a support, a sleeve adapted to engage said support and a bracket to which said sleeve is pivoted, said bracket being provided with cross arms, said bracket and cross arms being adapted to receive the rest and its support, when not in use, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of March, 1893.

GARRETT WALLACE POOLE.

Witnesses:

ALFRED GARTNER,
WM. D. BELL.