(No Model.)

P. O'CARROLL.

MUSIC SCORE HOLDER.

No. 457,564. Patented Aug. 11, 1891.

Fig. 1.

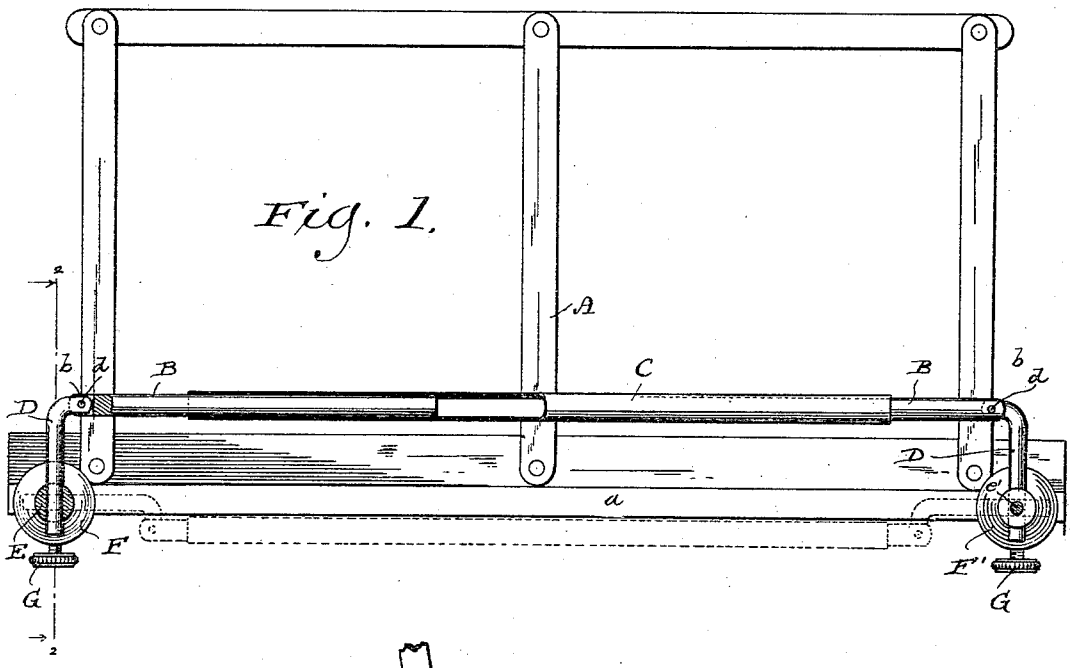


Fig. 2.

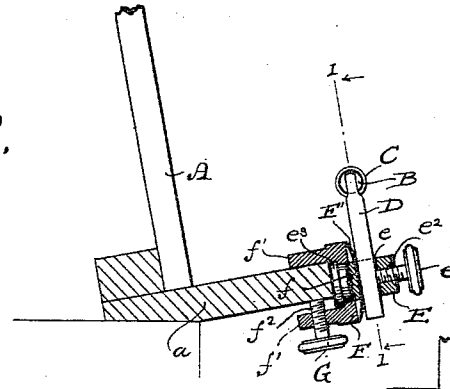


Fig. 4.

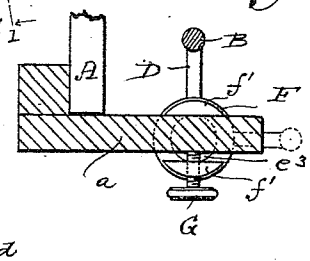
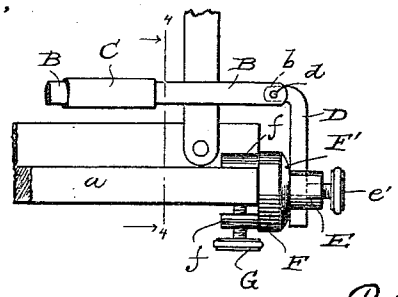


Fig. 3.



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UNITED STATES PATENT OFFICE.

PATRICK O'CARROLL, OF MILWAUKEE, WISCONSIN.

MUSIC-SCORE HOLDER.

SPECIFICATION forming part of Letters Patent No. 457,564, dated August 11, 1891.

Application filed October 17, 1890. Serial No. 368,441. (No model.)

To all whom it may concern:

Be it known that I, PATRICK O'CARROLL, a subject of the Queen of Great Britain and Ireland, and a resident of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Music-Score Holders; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to devices for holding musical scores, either in book or sheet form, in convenient position to be read by the performer; and my invention consists in certain peculiar and novel features of construction and arrangement, as hereinafter described and claimed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a front elevation of a music-score support with my improved holder applied thereto. Fig. 2 is a transverse vertical section of the same on the line 2 2 of Fig. 1. Fig. 3 is a front elevation of a portion of the support, showing a modified position of adjacent attaching device of the holder. Fig. 4 is a transverse vertical section on the line 4 4 of Fig. 3.

The objects of my invention are, first, to produce an attachment which shall be adapted for application to a great variety of forms and sizes of music-holders and which shall retain the score in flat open condition as long as desired, and which at the same time can be quickly moved, so as to permit the page to be instantly turned or reversed upon the holder without interrupting the time in which the musical composition is to be performed; furthermore, to produce an attachment which, in addition to the above characteristics, shall be simple and inexpensive in construction and ornamental in appearance. These results I attain by virtue of the construction which I will now proceed to describe.

In the said drawings, A designates the back, and *a* the rest or ledge, of a music-score holder or support. This holder may be either of the precise form shown or of any other suitable or preferred form adapted to support a music-score either upon a piano, organ, or other musical instrument, or upon a music-stand of the usual or any preferred type.

B B designate two rods, and C a sleeve, into the opposite ends of which the adjacent ends of the rods B are movably inserted. These rods B and the sleeve C constitute the rail of my improved holder, the said rods being preferably circular in cross-section and the bore of the sleeve C being of similar form to receive the ends of the rods, as above described.

To the outer end of each rod B is pivoted the upper end of an inverted-L-shaped standard D, the pivot-pins *d*, which connect the standards D to the rods B, passing laterally through the ends of the same, and the outer ends of said rods B being each preferably bifurcated, as at *b*, to receive the upper end of the corresponding standard D. The lower portion of each standard D passes through a transverse opening *e* in a plug E, and is held adjustably in said opening by a set-screw *e'*, the externally-screw-threaded stem of which enters an internally-screw-threaded socket e^2, extending longitudinally of the plug E, and the inner end of said screw-stem *e* impinging upon the side of the standard D. Each of the plugs E is cylindrical in form and is inserted removably through an opening *f* in the body of a U-shaped clamping piece or block F, the inner end of said plug E being formed or provided with a head or flange e^3, which retains the plug in said opening *f*, as shown, and a concavo-convex washer F' surrounding the plug and lying against the outer end of the block. The block F is also formed or provided with two ears *f'*, which extend parallel with each other from the same side of the block, or, in other words, which extend oppositely from the outer end of plug E. The externally-screw-threaded stem of a set-screw G is inserted through an internally-screw-threaded opening f^2 in one of the arms *f*, preferably the lower arm, and the operation of the structure is as follows:

The holder will first be described as applied to the front of the rest or ledge *a*, as shown in Figs. 1 and 2. The front edge of said ledge at or near its extremities is embraced between the lugs *f'* of the blocks F, and the said block is held in position by the clamping-screws G, and the extensible rail (composed of the rods

B and sleeve C) is held at the proper height by the set-screws e', the standards D being in vertical position. If now an open music-book be placed upon the rest or ledge a and supported by the back A, the rail of the holder will retain the leaves flatwise, so that the music can be clearly read. When it is desired to turn one of the leaves of the book, the rail is pressed upon downwardly, causing the standards D to rotate the plugs E axially, either thus moving the standards D toward each other, as shown in dotted lines in Fig. 1, or away from each other, or in either direction simultaneously, and in either instance depressing the rail out of the way of the moving leaf, as shown in Fig. 1 in dotted lines. After the leaf has been turned the rail is raised by simply pressing upward thereon. During these movements, which occur with almost instantaneous rapidity, the rods B play inward and outward in the sleeve C, so that all stiffness of movement is avoided. In Figs. 3 and 4 the blocks F are shown as clamped to the ends of the ledge or rest a, instead of to its front, as before, and in this position the rail is simply moved forward to the position shown in dotted lines in Fig. 4 when a leaf is to be turned and then raised upward and rearward again after the leaf has been turned. It will be seen that the extensible character of the rail consisting of the sleeve C and rods B permits the holder to be attached to widely-differing sizes and types of music supports or holders. It is to be observed that it is not necessary to depress the holding-rail throughout its entire length when turning a single leaf, but that in either of the above-described positions of attachment of the holder to the support that standard and that end only of the holder which is immediately adjacent to the leaf to be turned need be depressed, the opposite standard retaining its vertical position. By this means no back turning of the already-turned leaves can occur.

From the above description it will be seen that I have produced a simple, inexpensive, and ornamental form of music-score holder, which can be rapidly manipulated and which is applicable to a great variety of styles and sizes of supports.

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

An improved music-score holder comprising a sleeve, a pair of rods working through the ends of said sleeve, a pair of standards pivoted each to the outer end of one of said rods, a pair of clamping-blocks, each carrying a clamping-screw, a plug swiveled in each block and having a clamping-screw, and a transverse opening to receive the standard, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

PATRICK O'CARROLL.

Witnesses:

H. G. UNDERWOOD,

HERMAN GUELZOW.