No. 774,264. PATENTED NOV. 8, 1904.

M. M. MORELAND.

DETACHABLE MUSIC RACK FOR PIANOS.

APPLICATION FILED MAY 9, 1904.

NO MODEL.

Fig. 1

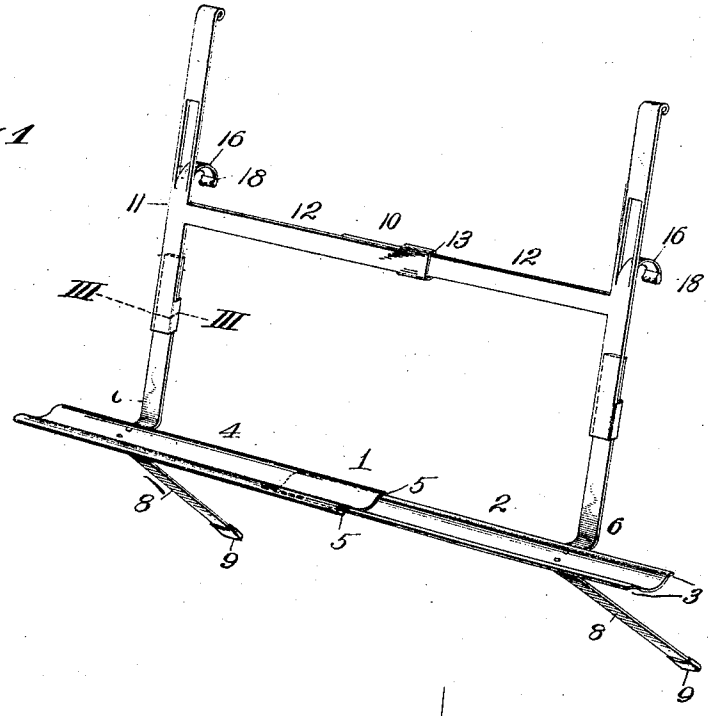


Fig. 2.

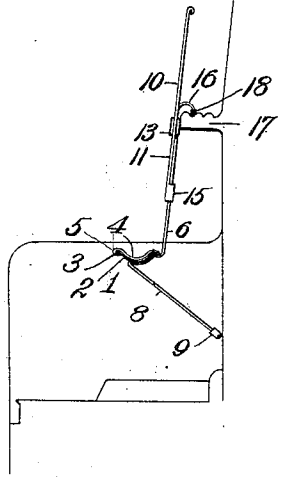


Fig. 3.

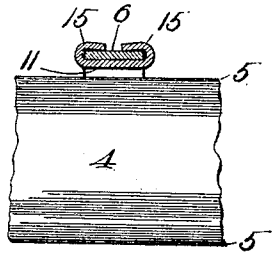
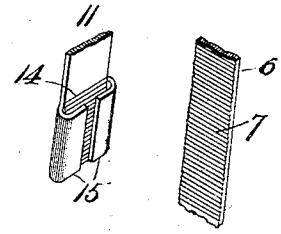


Fig. 4.



Witnesses
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By George L. Thorpe Atty.

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No. 774,264. Patented November 8, 1904.

UNITED STATES PATENT OFFICE.

MORA M. MORELAND, OF KANSAS CITY, MISSOURI.

DETACHABLE MUSIC-RACK FOR PIANOS.

SPECIFICATION forming part of Letters Patent No. 774,264, dated November 8, 1904.

Application filed May 9, 1904. Serial No. 207,086. (No model.)

To all whom it may concern:

Be it known that I, MORA M. MORELAND, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Detachable Music-Racks for Pianos, of which the following is a specification.

This invention relates to detachable music-racks for pianos, and more especially to an attachment whereby music-sheets or books may be supported in a lower plane than if placed upon the permanent racks of many pianos now in use, and therefore occupy a position more nearly in the plane of vision of a child performer.

A further object is to produce a supplemental rack of this character which is extensible vertically and laterally.

With these objects in view the invention consists in certain novel and peculiar features of construction and organization, as hereinafter described and claimed, and in order that it may be fully understood reference is to be had to the accompanying drawings, in which—

Figure 1 is a perspective view of a music-rack embodying my invention. Fig. 2 is a side view of the same as applied in operative position to a piano. Fig. 3 is a horizontal section taken on the line III III of Fig. 1. Fig. 4 is a detail perspective view of parts of the rack detached from each other.

In the said drawings, 1 designates the support for the sheet of music or book, the same comprising, by preference, a trough-like section 2, having marginal flanges 3, and the similar trough-like section 4 to fit within and upon section 2 and provided with marginal hooks 5 for the purpose of securing the sections reliably together without preventing the sliding movement of said sections whereby the support may be varied in length.

6 designates arms which are riveted or otherwise rigidly secured to sections 2 and 4 and project upwardly therefrom and are preferably roughened at their front sides, as at 7. 8 designates downwardly and rearwardly projecting arms or braces to bear against that portion of the piano at the rear of the keys, the lower ends of said braces being equipped with rubber or felt shoes 9, if desired, to avoid marring the finish of the piano. The arms 6 and braces 8 are preferably of integral formation, as shown.

The hanger 10 is constructed as follows: 11 designates a pair of upright bars having at a suitable point inwardly-projecting bars 12, one of said bars being formed with a sleeve 13, through which the other slidingly extends in order that the hanger may be varied in width to accommodate the variation in length of the support 1. Each bar 11 of the hanger is furthermore provided at its lower end and rear side with a roughened surface 14 and with a sleeve formed by spring-hooks 15, these spring-hooks embracing the arms 6 and pressing their roughened surfaces tightly against the roughened surfaces 14. By this arrangement a book of any reasonable weight can be placed upon the support without danger of causing the arms 6 thereof to slide downward upon the hanger.

When it is desired to effect adjustment of the arms with reference to the hanger, the operator can do so by pulling or pushing in opposite directions upon the arms and hanger-bars, as will be readily understood. Bars 11 preferably project for a considerable distance above the cross-bar formed by bars 12, as shown, and stamped out of said upwardly-projecting portions are tongues bent downwardly and rearwardly to form hooks 16 to engage the permanent rack-bar 17 of the piano, as indicated in Fig. 2, the braces 8 by pressure against that portion of the piano rearward of the keys serving to brace the support in such position that the sheet of music or book thereon shall be inclined rearwardly and upwardly sufficiently to prevent it toppling over under the vibratory movement of the piano while being played. The hooks, like the braces, are preferably provided with rubber or felt cushions 18 to avoid marring the finish of the permanet rack. If preferred, the upwardly-projecting portions of arms 11 may be of shorter length and bent rearward to form the hooks 16 instead of having the latter stamped out of said portions.

The construction shown is preferred, however, as it provides a better support for large sheets of music.

The material used in the construction of the braces, arms 6, and the suspending-hooks will preferably be ductile in order that they may be bent by hand, and therefore adapted for use upon pianos of variable proportions—for instance, pianos in which the distance varies between the vertical planes of the points where the hooks and braces engage.

From the foregoing it will be apparent that this attachment can be placed in or removed from position as easily and quickly as a sheet of music can be placed upon or removed from the permanent rack and that the support can be adjusted vertically to bring the music nearer the plane of the player's vision as well as laterally to accommodate books or sheets of music of varying width.

It is to be understood that while I have illustrated and described the preferred construction of the device it is susceptible of modification in various particulars without departing from the principle and scope or sacrificing any of the advantages of the invention.

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

1. A detachable music-rack for pianos, comprising a trough-like support, a hanger secured at its lower end to said support and extending upwardly and provided with rearwardly-projecting and downwardly-disposed hooks, and a pair of braces secured rigidly at their upper ends to said support and extending downwardly and rearwardly.

2. A detachable music-rack for pianos, comprising a longitudinally-adjustable support, a hanger carrying said support, and variable in width to accommodate the longitudinal adjustment of the support, and means for holding the support at a suitable point above the keys of the piano.

3. A detachable music-rack for pianos, comprising a longitudinally-adjustable support, a hanger carrying said support and variable in width to accommodate the longitudinal adjustment of the support, and braces extending downwardly and rearwardly to engage the piano to hold the support at a suitable point above the keys of the piano.

4. A detachable music-rack for pianos, comprising a support composed of sections fitting slidingly together, arms projecting upward from said sections and braces projecting downward and rearward therefrom, and a hanger comprising bars adjustable on said arms and provided with hooks to engage the permanent rack of the piano and provided with inwardly-projecting bars fitting slidingly together.

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

MORA M. MORELAND.

Witnesses:
H. C. RODGERS,
G. Y. THORPE.