T. GONNELLA.

MUSIC STAND.

APPLICATION FILED MAR. 10, 1916.

1,244,320. Patented Oct. 23, 1917.

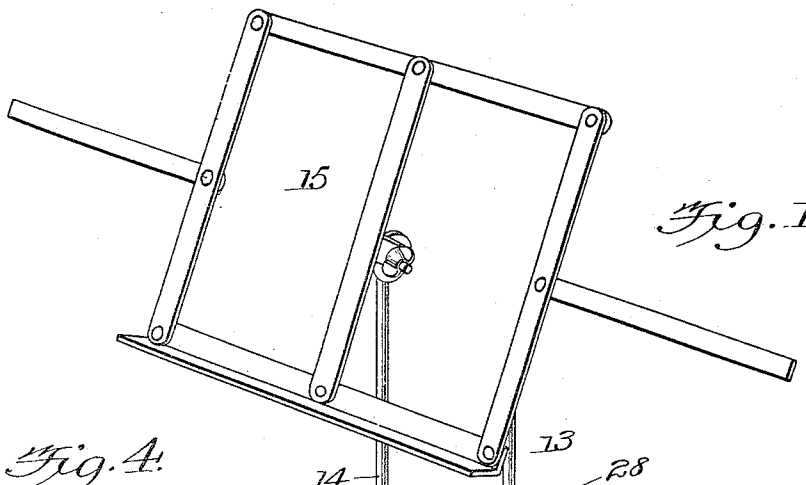


Fig. 1.

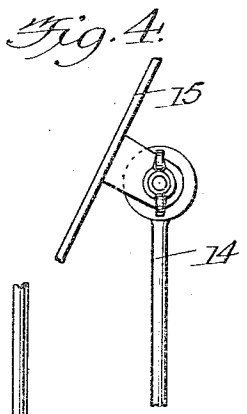
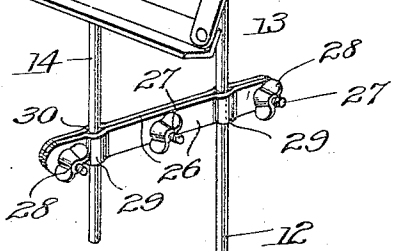


Fig. 4.



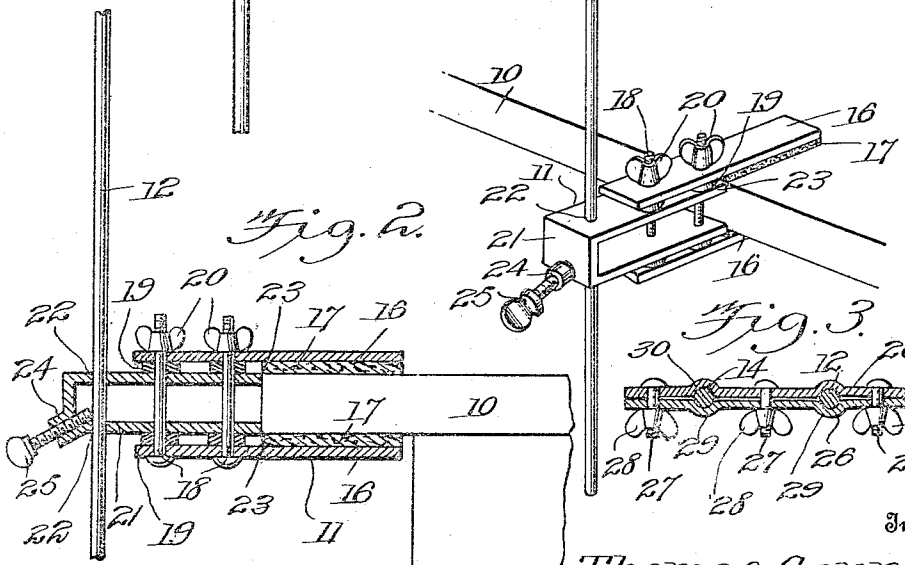


Fig. 2.

Fig. 3.

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UNITED STATES PATENT OFFICE.

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MUSIC-STAND.

1,244,320. Specification of Letters Patent. Patented Oct. 23, 1917.

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To all whom it may concern:

Be it known that I, THOMAS GONNELLA, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvana, have invented new and useful Improvements in Music-Stands, of which the following is a specification.

The invention relates to stands for supporting sheets or books of music and has for an object to provide a stand that can be readily arranged in position for use; easily adjusted to the convenience of the user, and constructed and designed to effectively support sheets or books of music and the like.

Among other features the invention comprehends a stand that can be quickly applied to the end of a table, ledge, or some other supporting surface and which when so arranged will be convenient to the user. The ordinary music stands now generally used, necessitate the provision of a large base which being of a flaring nature makes it impossible for the musician to stand close to the stand. My music stand in its application as mentioned has the rack portion thereof disposed forwardly of the supporting part of the stand so that the musician can place himself close to the rack with the music thereon.

It will, of course, be understood, that although my stand is particularly adapted for the use of musicians it can also be conveniently used for invalids and the like to conveniently support books in position so that they can easily read the same.

In the further disclosure of the invention reference is to be had to the accompanying drawings, constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which:

Figure 1 is a perspective view of the music stand showing the same in position for use.

Fig. 2 is a fragmentary enlarged vertical sectional view taken through one of the clamps,

Fig. 3 is a horizontal sectional view taken through another of the clamps, and

Fig. 4 is a fragmentary side elevation of the rack.

Referring more particularly to the views I disclose a supporting surface or ledge 10, to which is applied a clamp 11, carrying an upright 12 having a second clamp 13 connected thereto, said second clamp supporting an upright 14 to which is connected a rack 15, adapted to support books or sheets of music and the like.

The clamp 11 consists substantially of upper and lower plates 16 each having a cushion 17 with the plates disposed against the upper and under surfaces of the ledge 10, bolts 18 having pads 19, through which the bolts pass, being adapted to pass through the plates 16 at points beyond the edge of the ledge as shown in Fig. 2, the bolts carrying suitable thumb nuts 20. A U-shaped element 21 has the upright 12 adapted to slide in openings 22 therein and the ends of the U-shaped element have the bolts 18 passing therethrough, said ends being interposed between the opposed pads 19 so that the pads will lie between the forward ends of the plates 16 and the rear ends of the element 21, the extremities 23 of the element being adapted to abut against the edge of the ledge 10. The U-shaped element 21 is formed with a threaded bur 24 carrying a set screw 25 inclined upwardly to have its inner end bear angularly against the upright 12 thus securing the upright 12 against movement when the screw 25 is tightened.

The clamp 13 consists of plates 26 connected by bolts 27 passing transversely through the plates with thumb nuts 28 arranged upon the bolts and bearing against the face of one of the plates, intermediate portions of the plates, between adjacent bolts being formed with bulges 29 providing openings 30 with the upright 12 passing through one of the openings, namely the rear one, and the upright 14 passing through the other opening. It will be seen that by tightening or loosening the thumb nuts 28, the clamp 13 can be adjusted vertically on the upright 12 and the upright 14 adjusted vertically on the clamp 13.

Now referring to Fig. 1, it will be clearly seen that by having the clamps 11 and 13 disposed as mentioned with respect to the uprights 12 and 14, the rack 15 will be supported in a vertical plane in advance of the vertical plane of the connection of the clamp 11 with the supporting surface 10 and the connection of the clamp 13 with the upright 12. Thus a musician or person desiring to read a book upon the rack 15 can approach very closely thereto without interfering or touching the clamps 11 and 13 and disturbing the position of the stand. Particularly when the device described is

used in the sick-room, a table having a surface or ledge such as indicated by the numeral 10 can be drawn over to the bed with the ledge overlying the bed so that the rack 15 can be brought into convenient position for the reader and also adjusted vertically by means of the clamps 11 and 13 to raise or lower the rack, the rack being also adapted to be swung horizontally by swinging the clamp 13 on the upright 12 or turning the upright 14 on the clamp 13. With the standard form of music stand now generally used the diverging legs forming the base would not very well permit of the use of such a stand in the sick room in the convenient manner in which my stand can be used and the known stands are furthermore very easily kicked over whereas my stand is solidly supported and by the novel formation of the clamp 11 will not mutilate the surface to which the clamp is applied.

From the foregoing it will be seen that the stand described consists of few and simple parts that can be readily assembled and that a person need not be a skilled mechanic in order to affix the stand in a desired position.

It will be understood that the device described can also be used as a copyholder and thus constitute an adjunct of a typewriter, being conveniently adapted to this purpose by reason of the connection of the supporting clamps with the uprights whereby the rack is disposed in front of and above the ledge forming the support proper of the stand.

Having described my invention, I claim:—

A stand comprising a supporting clamp, consisting of a pair of spaced parallel plates, a U-shaped element having its parallel limbs interposed between said plates, means for detachably securing said parts together, a standard slidably supported by said U-shaped element, a set screw carried by said element and adapted to engage said standard to hold the latter fixed in a given position, a clamp supported by said standard for sliding adjustment, also capable of rotation, the latter mentioned clamp being disposed above and in parallelism with said supporting clamp, an auxiliary standard slidably associated with the second mentioned clamp, means for holding said auxiliary standard fixed in a given position, and a rack mounted upon the extremity of said auxiliary standard and capable of vertical swinging movement.

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

THOMAS GONNELLA.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."