

No. 120,880

Patented Nov. 14, 1871.

Fig: 1.

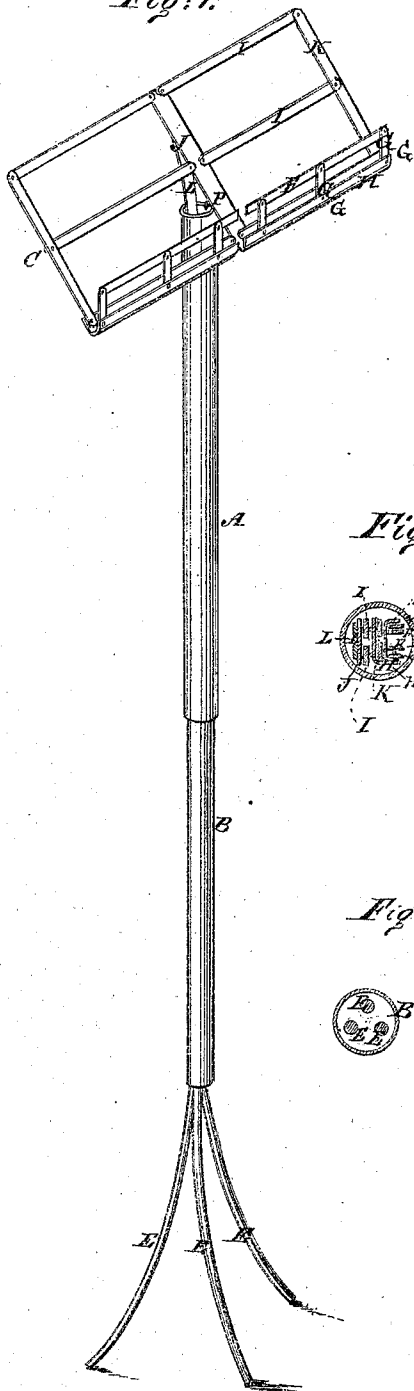


Fig: 2.

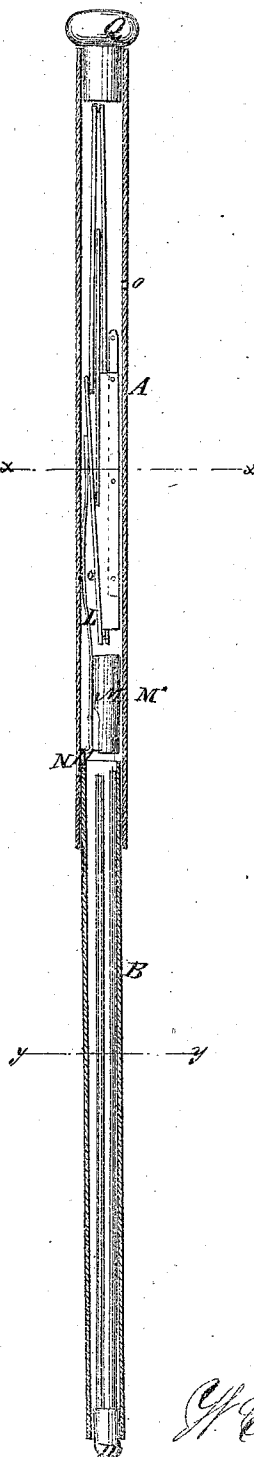


Fig: 3



Fig: 4



Witnesses:

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN MUSIC-STANDS.

Specification forming part of Letters Patent No. 120,880, dated November 14, 1871.

To all whom it may concern:

Be it known that I, WILLARD C. JAMES, of Fishersville, in the county of Merrimack and State of New Hampshire, have invented a new and Improved Music-Stand; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

My invention relates to improvements in music-stands; and it consists in a novel arrangement of the rack and legs for being inclosed in a tubular support, adapted to be used as a walking-cane, as hereinafter described.

Figure 1 is an elevation of the improved stand when in the condition for holding the music. Fig. 2 is a sectional elevation of the same taken in the condition for using as a cane. Fig. 3 is a cross-section on the line *x x*, and Fig. 4 is a section on the line *y y*.

Similar letters of reference indicate corresponding parts.

I employ two short tubes, A B, for the support of the rack C; and they are employed to hold the rack and legs when not required for holding the music, in which condition they may be used as a cane. The part B, which is the lower section, is fitted into the upper part snugly to connect the two together. This part carries a plug in the end, which is set on the ground when used as a cane, the said plug projecting sufficiently to protect the end of the tube from damage and wear by the ground. This plug has three wire rods, E, connected to the upper end, and extending about as high as the top of the section B of the tube. The said rods are capable of springing outward, as indicated in Fig. 1, when extended from the tube, as shown, to form the feet of the stand. The tube B is detached from the tube A, changed end for end, and connected to tube A by its other end when the apparatus is to be used for a music-stand, and the legs are drawn out at the lower end, as shown. The rack is so constructed that it can be folded up and stowed in the upper tube, as shown in

Fig. 2, when not to be used, and for this purpose the bars F are pivoted to the posts G, and the latter are pivoted to the angle-bars so that they may fold down on said bars, the posts lying parallel with them. The angle-bars G, and the bars I parallel with them, are pivoted to the center bar J and to the bars K, so that they may fold upon J in a compact body as small or smaller than the bore of tube A to admit of stowing the rack in said tube, as stated. The bar J has a spring, L, attached to it for supporting the rack, as in Fig. 1, said spring having a block, M, attached near the end, which enters the tube and is arranged to press the hooked end N out through hole O, for securing it from being pressed down in the tube too far. The bar J has a hook, P, on the under side, suitably adjusted to engage the top of tube A, as shown in Fig. 1, when the hook L is in hole O, or a little before said hook reaches said hole, so that the spring is bent over the top of the tube in such manner as to hold the rack firmly on the top of the tube. When the rack is packed in the tube a plug, Q, is fitted in the top for the head of the cane. The legs may have a chain or cord connecting them near the lower ends to prevent them from spreading too much.

The whole comprises a simple and convenient music-rack that may be more easily carried from place to place than the ordinary racks, and, when adjusted for carrying it, forms a serviceable cane.

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

1. The combination of the tubes A B, plug D, elastic rods E, and the folding rack, all constructed and arranged substantially as specified.
2. The folding rack C, hooked spring L, block M, hooks P, bar J, and tube A, all arranged substantially as and for the purpose set forth.

WILLARD C. JAMES.

Witnesses:

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