

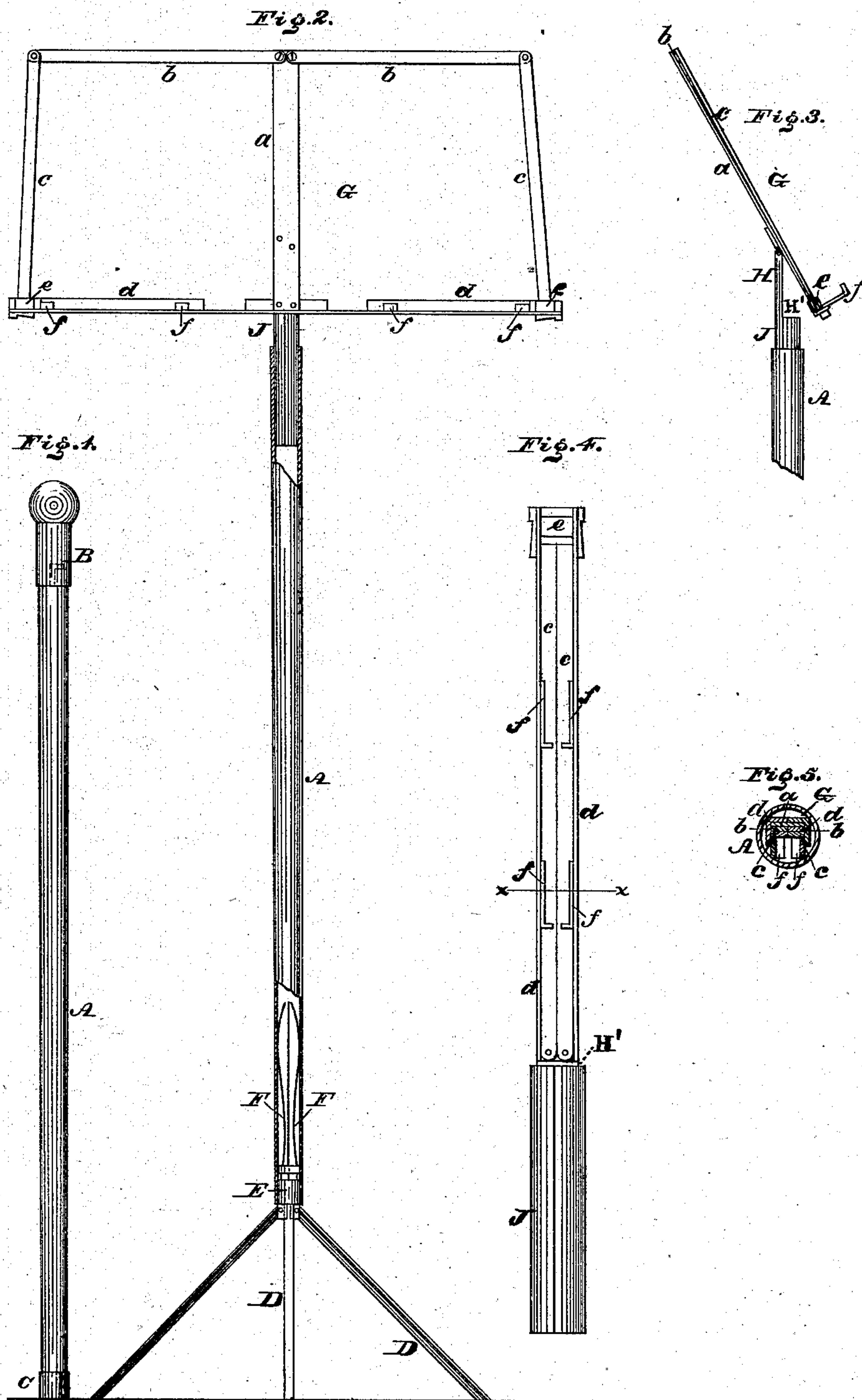
(No Model.)

W. H. RUSHFORTH.

COMBINED WALKING STICK AND MUSIC STAND.

No. 257,980.

Patented May 16, 1882.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM H. RUSHFORTH, OF CAMDEN, NEW JERSEY.

COMBINED WALKING-STICK AND MUSIC-STAND.

SPECIFICATION forming part of Letters Patent No. 257,980, dated May 16, 1882.

Application filed August 18, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. RUSHFORTH, a subject of Great Britain, having resided in the United States for one year last past, and declared my intention of becoming a citizen thereof, and now residing in the city and county of Camden, State of New Jersey, have invented a new and useful Improvement in Combined Walking-Stick and Music-Stand, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a view of the stick, and Fig. 2 a view of the music-stand, embodying my invention. Fig. 3 is a side view of a portion thereof. Fig. 4 is an enlarged view of the music-stand folded. Fig. 5 is a section in line *xx*, Fig. 4.

Similar letters of reference indicate corresponding parts in the several figures.

My invention relates to improvements in a combined walking-stick and music-stand in which either feature or member is readily serviceable as desired, as will be hereinafter set forth.

Referring to the drawings, A represents a hollow walking-stick, and B C the head and ferrule thereof, respectively, the same being removable from the stick.

D represents folding legs pivoted to the bottom of a block, E, which is of cylindrical or conical form, and adapted to be fitted in the lower end of the stick A, said legs opening after the manner of a tripod-support, and folding so as to enter the stick. To the upper end of the block E are connected spring-arms F, which, when properly contracted, may be inserted in the stick.

G represents a music-stand, formed of the central bar, *a*, the top pieces, *b*, pivoted to said bar *a*, the side pieces, *c*, pivoted to the top pieces, *b*, and the flanged bottom pieces, *d*, which are pivoted to the central bar, *a*. The ends of the bottom pieces have formed with or secured to them eyes *e*, into which the lower ends of the side pieces, *c*, may be inserted when the music-stand is required; and flanges of said pieces are provided with pivoted angular fingers *f*, which, when moved outwardly, serve to prevent accidental turning of the sheets of music. The central bar, *a*, is hinged

to a support, H, which rises from a split tube or expansible sleeve, J, at one side thereof, leaving the shoulder H', it being noticed that the height of said support or place of its connection with the stand is such that the bottom pieces of the stand are above the top edge of the sleeve. The sleeve is adapted to enter and snugly fit the stick A, and, as is evident, it may be raised and lowered therein for adjusting the height of the music stand, the sleeve by its expansibility pressing tightly against the inner wall of the stick, and so retaining its adjusted position.

When the legs D and stand G are in the stick and service of a music-stand is required the cap or head B and ferrule C are removed, the music-stand is withdrawn, and legs are pulled, pushed, or otherwise forced outwardly or downwardly to full extent, and, as the stick or the block E is somewhat tapering, said block tightens against the stick and holds the legs in operative position, the legs then being folded out so as to support the stick as the standard of the music-stand. The several parts of the music-stand are unfolded and properly located and the sleeve J inserted in the top of the stick, it being noticed that the music-stand assumes the proper inclination, owing to its hinged or pivotal connection with the support H, said inclination being limited by the central bar of the stand abutting against the top of said support, or by stops suitably applied. The music-stand may be now used, the fingers *f* holding the sheets of music from accidental turning, and the parts of the stand retaining their positions, the side bars, *c*, remaining in the eyes *e* and preventing separation of said bars and the bottom pieces, *d*. As the stand is on both sides of a line drawn perpendicularly through the stick, the music-stand as now constituted is properly centered and prevented from overturning. When the stand is not required the side pieces or bars are withdrawn from the eyes *e* and folded, with the top pieces, on the central bar. The bottom pieces, *d*, are now folded against the central bar and the angular fingers turned down on the folded side bars, *c*, the outer limbs of said fingers pressing against the bars. The stand is now turned and folded against the upright

H, the bottom folding flush in the space of the shoulder H', and the stand as completely folded is forced or pushed into the stick, the limit of introduction being lugs or stops on the outer end of the bottom pieces, *d*. As the wall of the stick presses against the folded fingers *f*, which bear on the folded side and top pieces or bars, and the wall furthermore hugs the folded bottom pieces and the sleeve, the rattling of the parts of the stand is prevented. The head B is then applied to the top of the stick, and as it completes the top it also retains the stand within the stick.

The legs D are folded against each other and forced into the bottom of the stick, after which the ferrule C is fitted to the stick, and thus a stick is again presented for walking purposes. The springs F are in firm contact with the stick, and as said springs and the legs rest snugly in position the shifting and rattling of the same are prevented.

It will be noticed that the stick is intact from head to ferrule and presents the usual appearance of articles of its kind, all of the folding parts within the same being detachable and removable, so that the stick may be entirely divested of them, if desired.

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

1. In a combined walking-stick and music-stand, folding legs hinged to a block, E, which is provided with upwardly-projecting retain-

ing-springs F, substantially as and for the purpose set forth.

2. In a combined walking-stick and music-stand, a folding music-stand provided with a supporting-sleeve, J, made adjustable in the stick, and formed of an expansible or split tube, substantially as and for the purpose set forth.

3. The folding music-stand, in combination with the sleeve J and support H, said support rising from the sleeve at one side, leaving the shoulder H', and having the stand hinged or pivoted to said support above the bottom edge of the former, substantially as and for the purpose set forth.

4. The folding music-stand G, provided with angular fingers *f*, in combination with the enclosing-stick, substantially as and for the purpose set forth.

5. The folding music-stand having side bars or pieces, *e*, the bottom pieces, *d*, with eyes *e*, substantially as and for the purpose set forth.

6. The combination, in a combined walking-stick and music-stand, of a stick, A, with removable head and ferrule, a folding music-stand, G, with an expansible sleeve, J, and the folding legs D, with the block E and upwardly-projecting springs F, substantially as and for the purpose set forth.

WILLIAM HENRY RUSHFORTH.

Witnesses:

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HENRY F. REARDON.