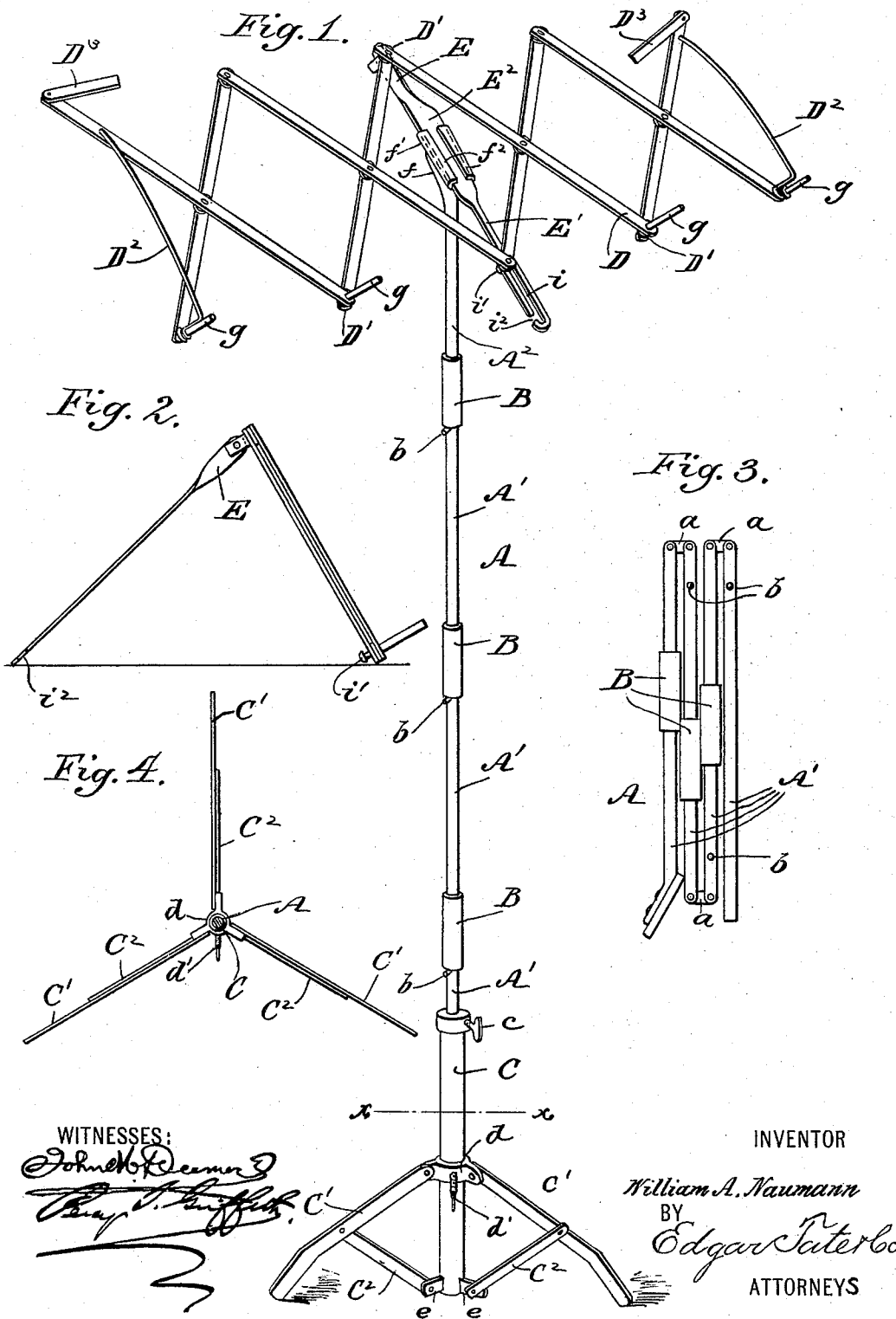


(No Model.)

W. A. NAUMANN.
MUSIC STAND.

No. 540,362.

Patented June 4, 1895.



UNITED STATES PATENT OFFICE.

WILLIAM A. NAUMANN, OF BROOKLYN, NEW YORK.

MUSIC-STAND.

SPECIFICATION forming part of Letters Patent No. 540,362, dated June 4, 1895.

Application filed December 13, 1894. Serial No. 531,632. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. NAUMANN, a citizen of the United States, and a resident of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Music-Stands, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts in all the figures.

This invention relates to musicstands, and has for its object to provide a simple, cheap, readily constructed and perfectly operating device of this character which will collapse, and the standard thereof fold in sections one upon the other, in order to reduce the stand to a small compass for packing and transportation; a further object of the invention being to provide a music receiving stand therefor which may be detached and supported upon a table for convenience when playing a zither or like instrument.

The invention consists in the novel construction and arrangement of parts hereinafter fully described.

In the accompanying drawings, Figure 1 is a perspective view of the whole stand ready for use. Fig. 2 is a side elevation of the music-receiver supported upon a horizontal surface. Fig. 3 is a side elevation of the supporting-standard folded. Fig. 4 is a sectional plan of the folding base or legs upon the line *x x*, Fig. 1.

In the practice of my invention I construct the standard A of a plurality of vertical sections A', jointed together by means of links *a*, inserted within, and pivoted to, the adjacent ends of said sections, whereby they fold upon and parallel to each other, as shown in Fig. 3. Slightly below the upper end of each of the sections A' are secured pins or shoulders *b* to receive thereon or engage tubular sleeves B which slide upon each section, and when the standard is straightened out to the vertical position, drop upon said pins to cover the junction of the sections, to conceal the joint and prevent the collapse thereof.

The sectional standard A is supported in the usual or any other approved form of folding base C, which comprises a tubular body or rod, in which the lower section A' is slid-

ably mounted, and adjustably secured by means of a thumb-screw *c* extending through the top of said tubular body C, and bearing against said lower section A'. The legs C' are pivotally secured to a collar *d* sliding upon the tubular body C, and adjusted by a thumb-screw *d'*, and are connected to the bottom of said body C by means of bars C², pivoted thereto and to lugs *e* upon said body.

Upon the top of the upper section A' is a rearwardly bent extension *f*, to which is secured a plate *f'* longitudinally grooved to form flanges *f*².

The music-receiver D is formed of a pair of flat lazy-tongs, longitudinally extensible, having forwardly projecting pins *g* secured to each of the lower joints D' of said lazy-tongs, to receive the music thereon, and provided with the usual pivoted arms D², D³, to engage the said music.

Pivoted to the top of the receiver D, is a bar E, bent or twisted at the upper end to enter between lugs *h* upon the rear of the central joint D' of said receiver, in which said bar is pivoted, and having a longitudinal slot *i* in the lower end thereof in which extends an enlarged-headed button *i'* upon the lower central joint D' which slides in said slot and permits the extension of the lazy-tongs. Said button *i'* is admitted to the slot *i*, and the bar E constituted detachable therefrom, by an aperture *i*² in one side of said bar opening into said slot. The bar has a reduced lower portion E', whereby it is inserted into the flanged plate *f*, and a downwardly tapered central portion E² which engages the flanges *f*² of said plate and supports the receiver D therein.

The operation of the device will be readily understood from the foregoing description, taken in connection with the accompanying drawings. When it is desired to use the device, the sectional standard A is straightened out and the sleeves B slipped down over the jointed ends of each section A' and the links *a*, and resting upon the pins *b*. The lower section is inserted in the tubular body or base C and secured at any desired height by means of the thumb-screw *c*, the height of said base being likewise adjustable, by reason of the slidability of the legs C'. The bar E is then inserted in the plate *f'*, and the receiver D extended to the required length. When it is

desired to fold the stand, the bar E is removed and the lazy-tongs collapsed. The sleeves B are raised and the sections A' folded together parallel to each other, as shown in Fig. 3, the links *a* being of such length as to permit the parallel folding of said sections. The base is also folded by sliding the collar *d* to the top thereof whereby the legs C' are brought against the same. The stand is thus extremely compact and reducible to a very small compass.

Where it is desired to use the receiver D separately upon a table or the like, the lower end of the bar E is detached from the button *v*', and said bar extended diagonally to support said receiver at an angle, as shown in Fig. 2.

The advantages resultant from the use of my invention will be manifest to all who are conversant with the general class of devices to which the same appertains.

I do not confine myself to the exact formation of parts or construction of details herein set forth and illustrated.

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

1. A music stand comprising a sectional folding standard, a folding base secured thereto, a music receiver comprising a pair or series of lazy-tongs, having supports thereon for the music, a bar secured to one of the joints of the tongs, slidably and detachably secured to the aligning joint, whereby said bar may be swung backwardly to support the receiver separately upon a surface, said bar being detachably secured upon the top of the sectional standard, whereby the receiver is removable therefrom.

2. In a music stand, the combination, with a suitable standard, of a music receiver comprising a pair or series of lazy-tongs longitudinally extensible, and having projections upon the bottom thereof to support the music, a bar pivoted to the top of said tongs, having a slot in the lower end thereof and a button upon one of the lower joints of said tongs, extending into and sliding in said slot, said bar being detachable from said pin to support the music receiver when detached from the standard, substantially as shown and described.

3. A music stand comprising a standard

formed in sections, jointed together by means of links inserted in the adjoining ends of said sections and pivoted therein, tubular sleeves sliding upon each section and adapted to incase the joints, pins near the top of said sections on which said sleeves rest, a folding base in which the lower section is slidably and adjustably inserted, and a flanged plate upon the upper section, a music receiver comprising a pair or series of lazy-tongs having pins upon the lower joints thereof to support the music, and a bar pivoted to one of the upper joints, slidably and adjustably secured to the aligning lower joint, and having a reduced and tapered shank to engage the flanged plate of the standard, substantially as shown and described.

4. In a music stand, the combination, with a tubular and folding base, vertically adjustable, a standard formed of a plurality of sections jointed together by means of links entering and pivotally secured in the adjoining ends of said sections, tubular sleeves sliding upon each section and adapted to incase the joints, pins near the top of said sections upon which said sleeves rest, the lower section of said standard being slidably and adjustably inserted in said base, and the upper section being bent rearwardly, a plate secured to the top of said section, and side flanges thereon projecting inwardly; of a music receiver comprising a pair or series of lazy-tongs having pins projecting from the lower joints thereof, lugs extending rearwardly from the upper central joint, and a headed button extending from the lower central joint, and a bar having a twisted end pivoted between the lugs of said receiver, a longitudinal slot in the lower end thereof in which the button slides, and an aperture in the side thereof for the admission of said button and detachment of the bar, said bar having a reduced and tapered shank to engage beneath the flanges of the plate upon the standard, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 11th day of December, 1894.

WILLIAM A. NAUMANN.

Witnesses:

LERCY T. GRIFFITH,
P. MULLER.