

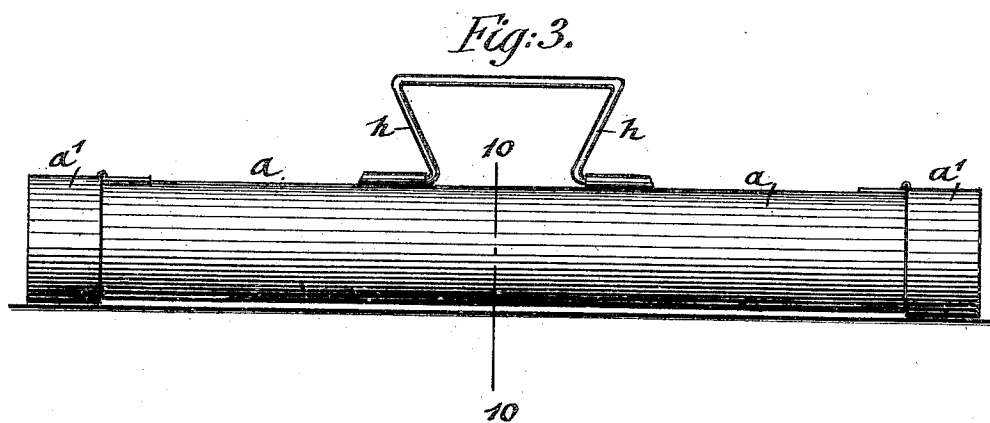
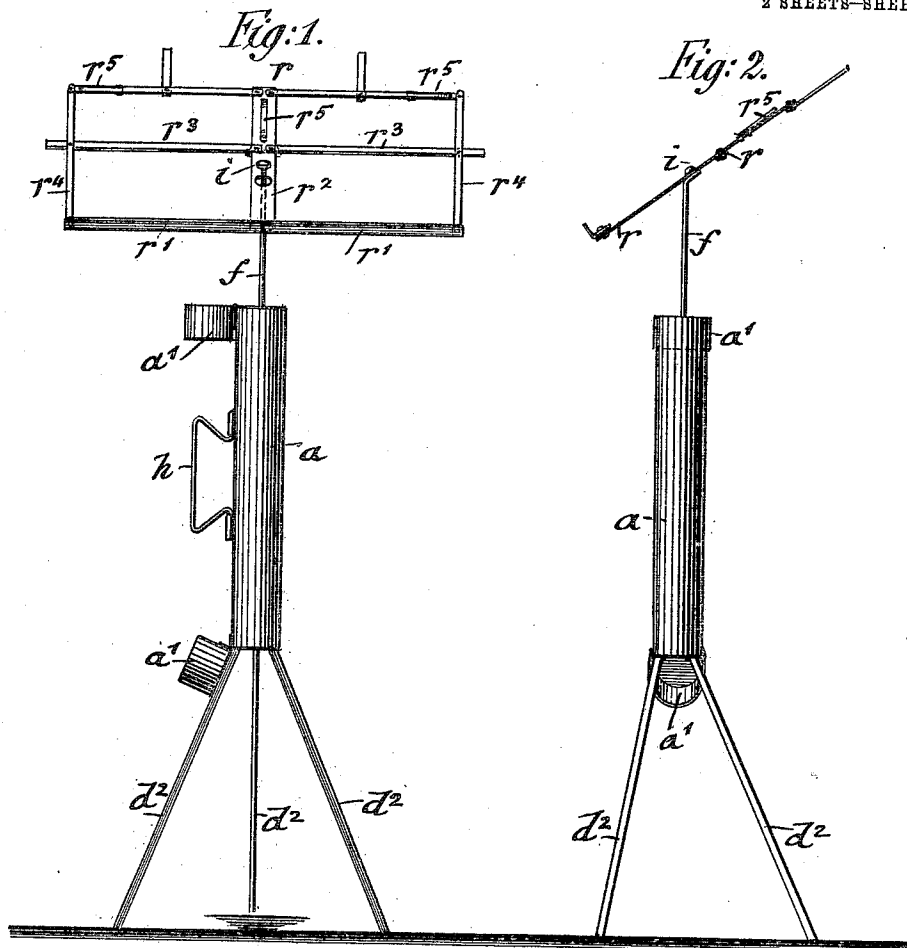
A. WOLFF.
MUSIC STAND.

APPLICATION FILED APR. 21, 1910.

979,626.

Patented Dec. 27, 1910.

2 SHEETS—SHEET 1.



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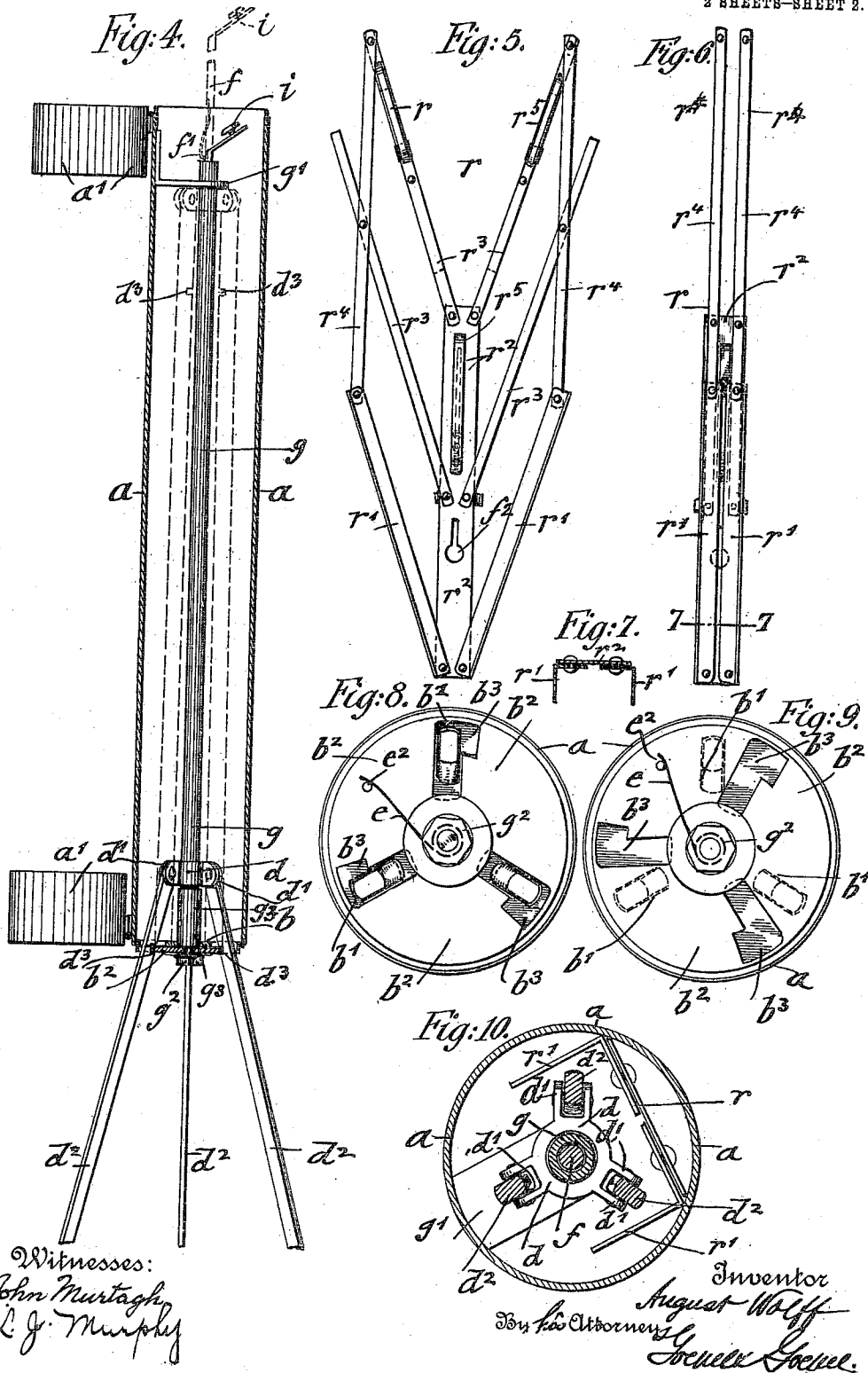
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2 SHEETS—SHEET 2.



UNITED STATES PATENT OFFICE.

AUGUST WOLFF, OF NEW YORK, N. Y.

MUSIC-STAND.

979,626.

Specification of Letters Patent.

Patented Dec. 27, 1910.

Application filed April 21, 1910. Serial No. 556,734.

To all whom it may concern:

Be it known that I, AUGUST WOLFF, a citizen of the United States of America, residing in New York, in the borough of the Bronx, county and State of New York, have invented certain new and useful Improvements in Music-Stands, of which the following is a specification.

This invention relates to an improved music-stand in which the legs as well as the folding music-rack can be stored into a casing so as to be conveniently carried by the musician to the place of use.

In the folding music-stands heretofore in use, the legs were folded up alongside of the upright supporting rod or pillar and placed together with the folded-up music holder or rack into a cylindrical case formed of two hinged sections and held in closed position by a suitable locking device.

In place of using a separate case, which was unhandy when the music-stand was in use, my improved music-stand makes the case an integral part of the music-stand and utilizes it as a storage-receptacle for the supporting legs and for the folded-up music-rack, so that all the parts of the music-stand when not in use can be carried in the case and the latter be used as a part of the stand when the same is to be used; and for this purpose the invention consists of a music-stand which comprises a cylindrical shell or case having caps at the ends, a central stationary guide-rod in said case, a sleeve on said stationary guide-rod, legs hinged to said sleeve and extending through slots in the stationary head at one end of the case, and an axially-turnable disk on said head also provided with slots for the legs, said slots registering with the slots of the head when the legs are placed in outward position and out of register with the slots in the head for retaining the legs when they are pushed in and folded at the interior of the case.

The invention consists further of the combination, with the stationary guide-rod of the case of a slide-rod, and means for locking the same in outwardly-drawn position for supporting the music-rack in the usual manner, the music-rack being capable of being folded up so as to be stored in the case alongside of the folded up legs.

The invention consists further of certain details of construction which will be fully

described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a front-elevation of my improved music-stand shown in position for use, Fig. 2 is a side-elevation of Fig. 1, Fig. 3 is a side-view of the music-stand shown with all the parts stored in the case of the same ready for being carried to the place of use, Fig. 4 is a vertical central section through the case of the music-stand, showing the legs and music-rack supporting-rod in outwardly-extended position for use, Figs. 5 and 6 are details of the folding music-rack, Fig. 7 is a detail horizontal section on line 7, 7, Fig. 6, Figs. 8 and 9 are detail views of the leg-guiding and locking head of the casing, showing the parts respectively in position for holding the legs in outwardly-extending position and when folded up at the interior of the case, and Fig. 10 is a vertical transverse section on line 10, 10, Fig. 3, drawn on a larger scale and showing all the parts stored away at the inside of the case.

Similar letters of reference indicate corresponding parts throughout the different figures.

Referring to the drawings, *a* represents the tubular shell or case of my improved folding music-stand. The shell *a* is preferably made of sheet-brass, steel or other suitable sheet-metal, and of a diameter to permit the folding of the legs and the storing of the folded up music-rack within the shell or case *a*. The shell or case *a* is provided at the ends with caps *a*¹, which are preferably hinged to opposite ends of the case so as to be supported thereon in open position when the music-stand is in position for use or in closed position when all the parts are stored in the case, as shown respectively in Figs. 1 and 3. The shell or case *a* is provided at one end with a head *b* having radial slots *b*¹. Over the head *b* is placed an axially-turning disk *b*², which is provided with L-shaped slots *b*³ the radial portions of which register with the radial slots *b*¹ when the legs are drawn out of the shell or case, while when they are moved over the radial slots *b*¹ they close up the same and hold the legs at the inside of the case. The disk *b*² turns on the outer end of a stationary guide-tube *g* which is supported centrally in the case, one end in the head *b*, the other in an angular bracket

g^1 that is attached to the inside of the shell or case, and provided with an opening for supporting the guide-tube g . A screw-nut g^2 closes the outer end of the guide-tube g and holds the disk b^2 in position.

On the tubular guide-rod g is guided a sleeve d , which is provided with three outwardly-bent lugs d^1 to which the upper ends of the legs d^2 are pivoted. The sleeve d is moved up to the bracket g^1 at the open end of the shell or case a when the legs are stored away in the same, as shown in dotted lines in Fig. 4, but moved in downward direction with the legs, when they are to be extended for use, until the sleeve d is arrested by a stop-sleeve g^3 adjacent to the head of the case a . The case a is held in upright position, when the slots of the disk b^2 are placed in register with the slots of the head, so as to permit the outward motion of the legs through the slots b^1 , b^3 when they are to be placed into outwardly-inclined position for supporting the case, as shown in Figs. 1 and 2. The axially-turning disk b^2 is held in one position or the other by means of a flat spring e which is attached to the screw-nut g^2 , said spring abutting by its outer end against a pin e^2 , said spring serving to facilitate the turning of the disk into closed position after the legs are moved in folded up state into the case when the music-stand is folded up after use. When the legs are in outward position, they hold the spring-actuated disk against the tension of the spring e and are locked by recesses d^3 over the inner ends of the slots b^1 , as shown in Fig. 4, said disk closing over the head as soon as the legs are entirely pushed inwardly and folded up at the interior of the case.

In the guide-tube g , is arranged a rod f for supporting the folding music-rack r , the supporting rod being drawn out to the proper distance from the guide-tube g until it can be locked by means of a spring-catch f^1 which is similar to those used with umbrella sticks, and which abuts against the upper end of the guide-tube g . The folding music-rack is provided with a slot f^2 in its center-plate r^2 , said slot having an enlarged circular opening at its lower end through which a headed stud i at the upper inclined end of the supporting rod f is inserted, said headed stud i having a flat narrow shank on which the narrow end of the slot f^2 locks in the well-known manner. The folding music-rack r is of the same general size and construction as the folding music-racks heretofore in use. It is formed of angular base-strips r^1 which are pivoted to the center-piece r^2 , and of pivotally-connected lateral and end-strips r^3 , r^4 , which can be readily spread in lateral direction so as to form the music-rack shown in Fig. 1, or folded up along the center-plate f^2 , as shown in Figs. 5 and 6. The music-rack r

is provided with the usual spring-clasp r^5 for holding the sheets of music in position on the rack. When the music-rack is extended to its full-size for supporting the music-sheets and placed on the inclined end i of the supporting rod f , which is drawn out to its full length and locked to the guide-rod by shouldered spring f^1 , and when the legs are extended in outwardly-inclined position at the lower end of the case, the case forms the middle portion or pillar of the stand, while the legs form its support at the lower end and the extended supporting rod the support for the music-rack at the upper end. When it is desired to restore the different parts into portable shape, after use, the music-stand is first removed from the upper end of the supporting rod and folded up into the shape shown in Fig. 6. The supporting rod is then pushed downwardly into the stationary guide-tube of the shell or case, after first pressing in the spring-catch, after which the legs are pushed into the case in upward direction until the guide-sleeve arrives at the upper end of the guide-tube. The folded music-rack is then inserted into the case, extending over the legs, as shown in Fig. 10. The disk at the lower end of the case is moved by its spring into closed position, after which both caps are placed into position over the ends of the shell or case. All the parts being thus stored away at the interior of the case, the same can be conveniently carried by the handle h , which is hinged to the middle portion of the case. The case may be nickel or silver plated or covered with leather and finished up in any suitable manner so as to present an attractive appearance when the stand is carried from place to place and arranged for use as a music-stand wherever required.

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

1. In a folding music-stand, the combination of, a cylindrical case provided with a head having radial slots and permanently and rigidly attached to the case, folding legs guided at the inside of the case, and adapted to be moved outwardly through said slots and provided with notches, and means carried by said head, and adapted to engage in said notches.

2. In a folding music-stand, the combination of, a cylindrical case provided with a head having radial slots and permanently and rigidly attached to the case, folding legs guided at the inside of the case, and adapted to be moved outwardly through said slots and provided with notches, means carried by said head and adapted to engage in said notches, and a cap hinged to said case and adapted to engage over the free ends of the legs and hold the legs in innermost position.

3. A music-stand comprising a cylindrical case having a handle at its middle portion and caps at its outer ends, a stationary central guide-tube at the interior of said case, a
5 head at one end of the case having radial slots, folding legs guided on the center-tube adapted to be extended through the slotted head into outward position, a rotary and spring-actuated disk having radial slots for
10 engaging the legs when in extended position, a supporting rod sliding in said guide-tube, means for locking the rod in raised position, and a folding music-rack adapted to be attached to the outer end of the sup-
15 porting rod or to be stored in the case.

4. In a folding music-stand, the combination of a cylindrical case provided with a

head having radial slots, folding legs guided at the inside of the case and adapted to be moved outwardly through said slots, a ro- 20
tary disk provided with slots registering with the slots of the head and adapted to open or close the slots of the head, and means for turning the disk and closing the slots of the head when the legs are drawn back into 25
the case.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

AUGUST WOLFF.

Witnesses:

PAUL GOEPFEL,
FANNIE FISK.