No. 765,187. PATENTED JULY 19, 1904.

A. MEYER & J. HOFFMAN.

MUSIC HOLDER.

APPLICATION FILED APR. 14, 1903.

NO MODEL. 2 SHEETS—SHEET 1.

Fig. 2.

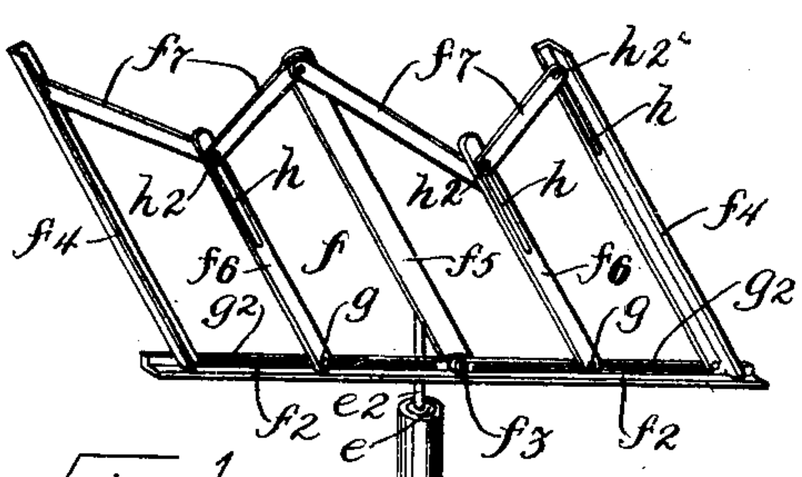


Fig. 5.

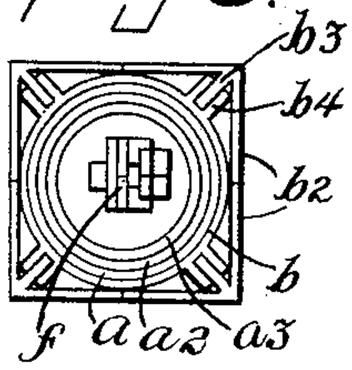


Fig. 4.

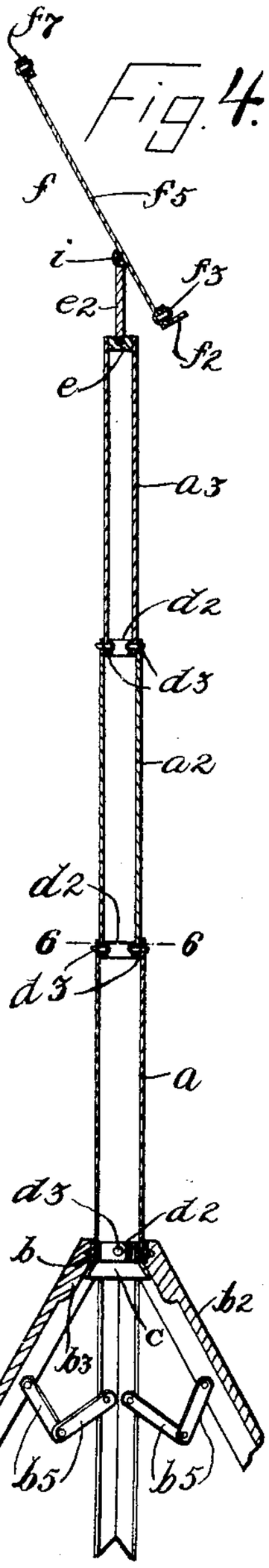


Fig. 1.

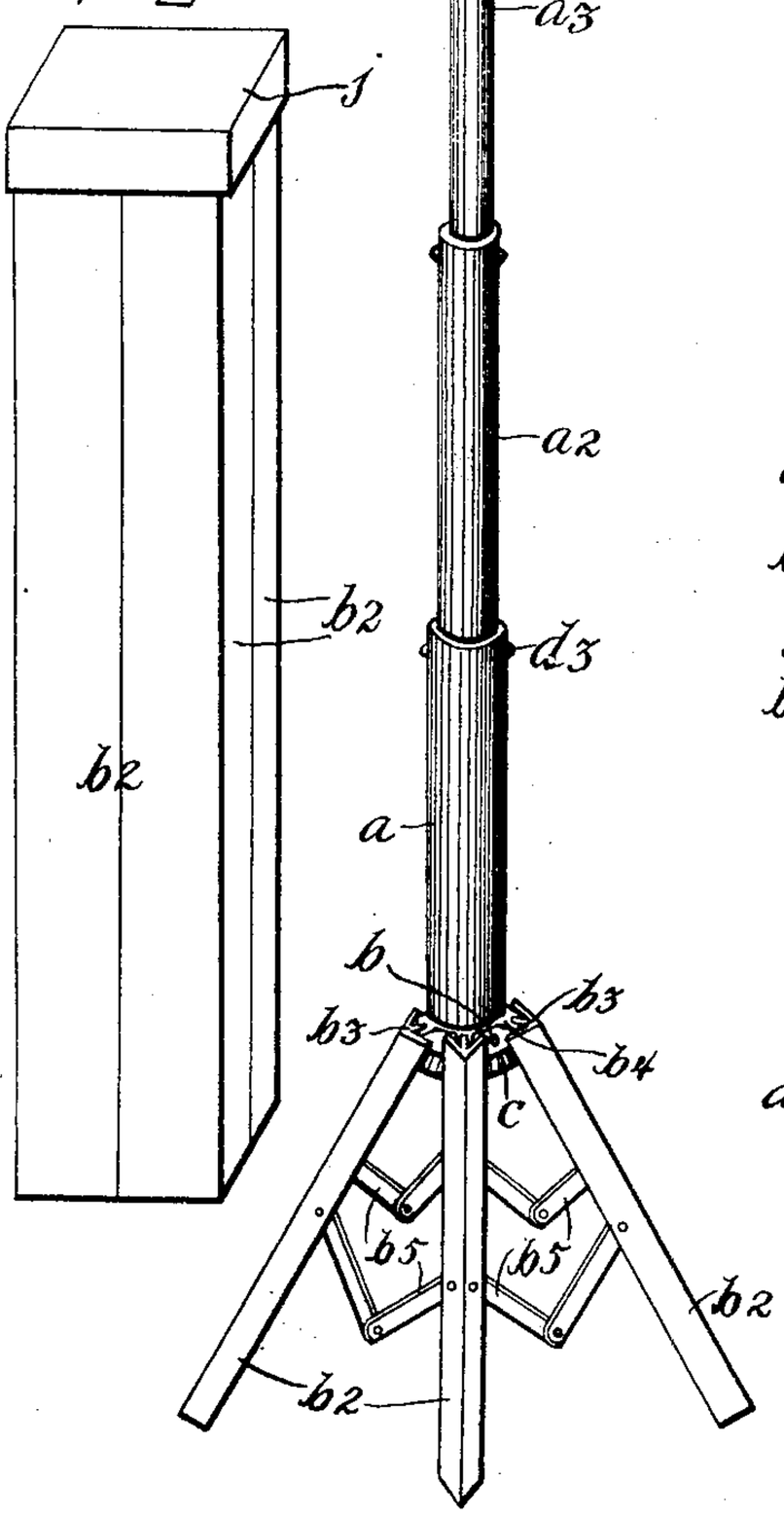


Fig. 3.

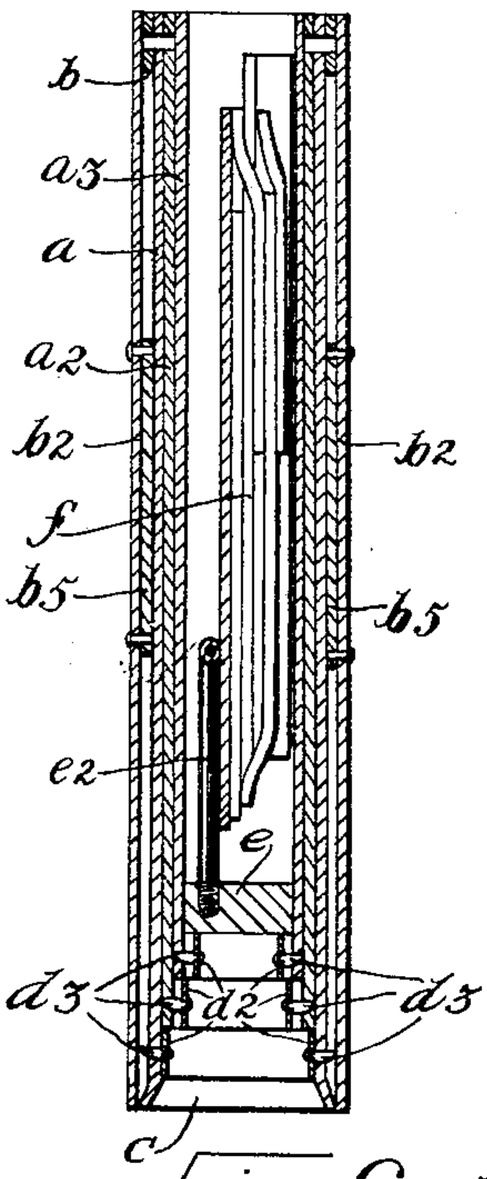
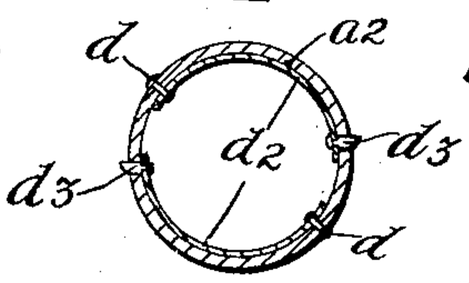


Fig. 6.



WITNESSES

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NO MODEL. 2 SHEETS—SHEET 2.

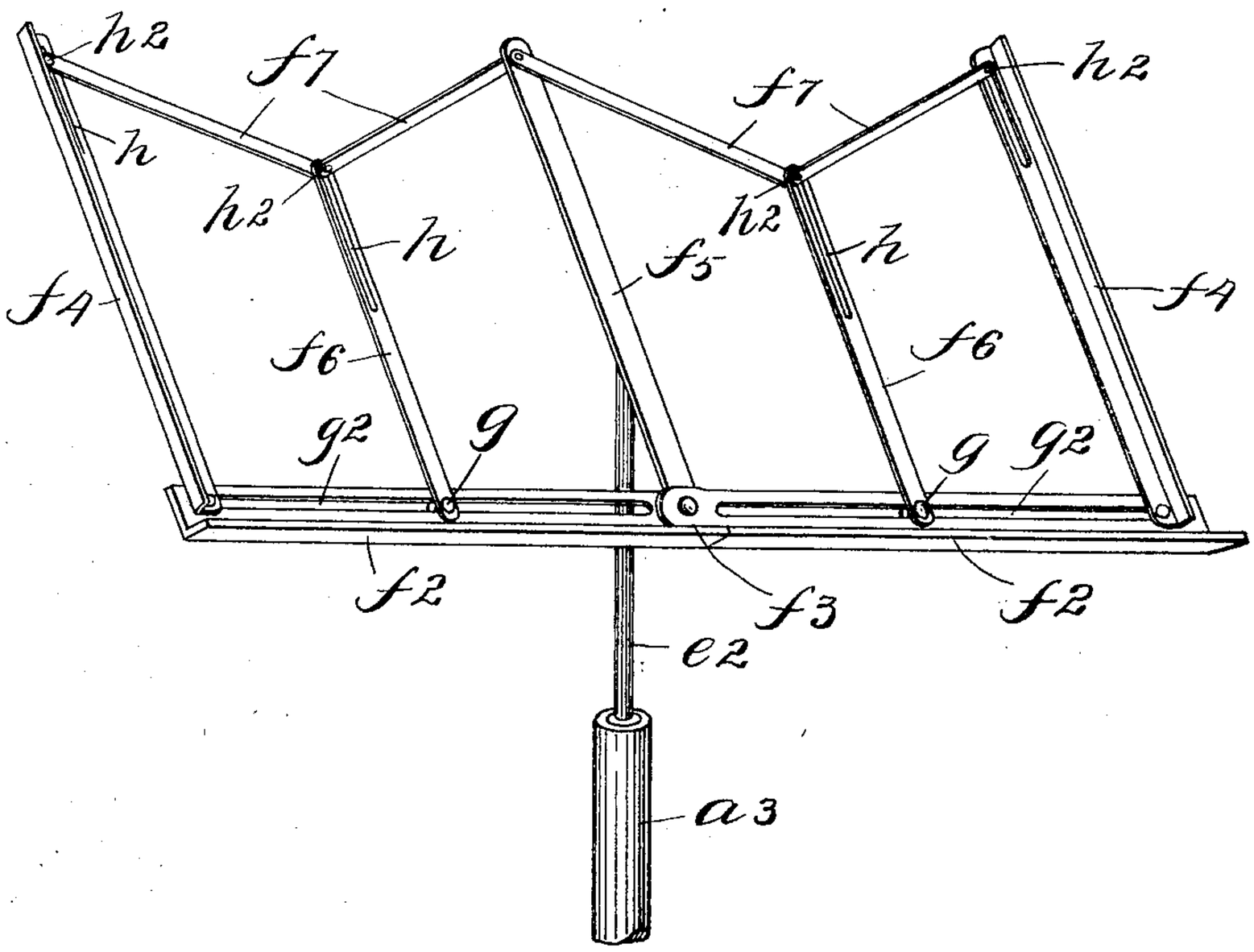

Fig. 7.

WITNESSES

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No. 765,187. Patented July 19, 1904.

UNITED STATES PATENT OFFICE.

ADOLF MEYER AND JOSEPH HOFFMAN, OF NEW YORK, N. Y.

MUSIC-HOLDER.

SPECIFICATION forming part of Letters Patent No. 765,187, dated July 19, 1904.

Application filed April 14, 1903. Serial No. 152,515. (No model.)

To all whom it may concern:

Be it known that we, ADOLF MEYER and JOSEPH HOFFMAN, citizens of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Music-Holders, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved music holder or support and the separate parts of which may be compactly folded together, so as to form a small and compact body which may be conveniently carried in the hand or in a small package of any kind; and with these and other objects in view the invention consists in a music support or holder constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of our improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a perspective view showing our improved music support or holder in a folded condition; Fig. 2, a side view showing the music support or holder in position for use; Fig. 3, a partial longitudinal section through the music support or holder with the parts folded together as shown in Fig. 1; Fig. 4, a sectional side view showing the parts in position for use as in Fig. 2; Fig. 5, a plan view showing the parts folded together as in Fig. 3; Fig. 6, a partial section on the line 6 6 of Fig. 4; and Fig. 7, a view, on an enlarged scale, of a part of the device as shown in Fig. 2.

In the practice of our invention we provide a music support or holder comprising a main upright member composed of separate tubular telescopic sections a, a^2, and a^3, and the bottom of the tubular section a is provided with a collar b, to which are hinged the legs b^2, four of which are employed. The legs b^2 are triangular in cross-section and are provided at their upper ends with central webs b^3, which are hinged or pivoted to corresponding projections b^4 on the collar b, and when the separate tubular sections a, a^2, and a^3 of the main upright member are telescoped together the collar b may be moved to the top of the section a and the legs b^2 may be folded compactly together, so as to form a compact body, as shown in Fig. 1. The legs b^2 are connected by links b^5, pivoted thereto and to each other, and said links fold compactly together between the legs b^2 and the bottom tubular section a of the main upright member, and the bottom tubular section a of the main upright member is preferably provided at its lower end with an outwardly-directed annular flange or rim c, which serves to properly spread the legs b^2 and hold them in proper position when the device is in use.

In Fig. 6 we have shown a cross-section of the lower end of the tubular section a^2, and in this tubular section a^2 is secured, as shown at d, two springs d^2, the free ends of which terminate at diametrically opposite points and are provided with radially-movable locking-plugs d^3, which pass through corresponding openings in the tubular section a^3 and are adapted to pass through corresponding openings in the upper end of the tubular section a. The lower end of the tubular section a^3 is similarly provided with springs d^2 and locking-plugs d^3, which pass outwardly through the lower ends of the section a^3 and are adapted to pass through corresponding holes in the upper end of the tubular section a^2, and the bottom surfaces of the locking-plugs d^3 are beveled upwardly, and when the parts are in the position shown in Figs. 2 and 4 by simply pressing on the upper tubular section a^3 all the tubular sections or members a, a^2, and a^3 may be telescoped together, as shown in Fig. 3, and when it is desired to use the device this operation is reversed, and when the said tubular sections are fully extended the locking-plugs d^3 will operate as shown in Fig. 4 and hold the parts in proper position.

The lower end of the bottom tubular section a is also provided with a spring or springs d^2, having locking-plugs d^3, which operate in the same manner as the corresponding springs and locking-plugs in the lower ends of the

tubular sections a^2 and a^3; but in the bottom of the tubular section a the locking-plugs d^3 operate in connection with the collar b.

Mounted in the upper end of the top tubular section a^3 is a slide e, provided with an upright member e^2, to which is pivoted or hinged in any desired manner a rack f. The rack f is composed of two bottom members f^2, hinged or pivoted together at f^3, two side members f^4, a main central member f^5, and supplemental members f^6 between the side members f^4 and the central member f^5, and the tops of the members f^4, f^5, and f^6 are connected by links f^7, which are pivotally connected therewith. The upright member f^5 is pivotally connected with the parts f^2 at f^3, where said parts are hinged together, and the parts f^4 and f^6 are connected with the parts f^2 by pins g, movable in slots g^2, formed in the parts f^2, while the parts f^4 and f^6 are also provided with slots h and the links f^7 with pins h^2, movable in said slots, and by means of this construction the rack f may be compactly folded together, so as to be inserted into the upper tubular section a^3, as shown in Fig. 2.

The rack f is connected with the upright member e^2 of the slide e at i and in such a manner as to turn thereon, and this connection may be made in any desired manner; but it is preferably so made as to produce an amount of friction which will hold the said rack in the desired position.

The slide e may be held in the upper end of the tubular section a^3 by friction or by any other means, and springs and locking-plugs similar to the springs d^2 and locking-plugs d^3 may be employed for this purpose, if desired, and in practice we preferably provide a cap j, which may be placed over the upper ends of the tubular sections a, a^2, and a^3 when the parts have been folded together, as shown in Figs. 1 and 3.

When constructed as described, all that portion of the device above the legs d^2 may be telescoped within the bottom section a of the main upright member, the collar b may be moved to the top of said section, and the legs b^2 folded together, so as to form a compact body which is square or rectangular in cross-section, as shown in Fig. 1, and it will be apparent that more of the tubular and telescopic sections which compose the main part of the device may be employed, all that is necessary in this connection being to so form these tubular sections that they may be telescoped together whenever necessary and that suitable means be provided for holding them in their extended position and that the rack f be so formed that it can be folded together and inserted into the upper tubular section.

In the form of construction shown the separate parts of the rack f are shown a little large as compared with the tubular section a^3; but this was for the purpose of showing the construction of said rack; but our invention is not limited to any particular form or construction of the rack f, nor is it limited to the exact arrangement of the springs d^2 and locking-plugs d^3 herein shown and described, and many changes in and modifications of the construction herein shown and described may be made without departing from the spirit of our invention or sacrificing its advantages.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A music-support, comprising a main upright member composed of separate tubular telescopic sections of which the upper sections are adapted to be telescoped in the bottom section, a collar loosely mounted on the bottom section and adapted to slide thereon, means for holding said telescopic sections in their extended positions, means for holding said collar at the lower end of the bottom telescopic section, legs pivoted to said collar and adapted to be extended or folded compactly against the bottom telescopic section, links by which said legs are loosely connected, a slide mounted in the top telescopic section and provided with an upright member which projects therefrom, and a rack pivoted to said upright member and composed of separate parts adapted to be folded together and to be inserted into the upper telescopic section, said legs being triangular in cross-section and adapted when folded together to form a body which is square in cross-section, and which incloses the other parts of the device, substantially as shown and described.

In testimony that we claim the foregoing as our invention we have signed our names, in presence of the subscribing witnesses, this 13th day of April, 1903.

ADOLF MEYER.
JOSEPH HOFFMAN.

Witnesses:
J. C. LARSEN,
F. A. STEWART.