(No Model.)

E. HARDERS & M. P. FLEISCHMAN.

CANE, MUSIC STAND, AND MUSIC HOLDER.

No. 448,185. Patented Mar. 10, 1891.

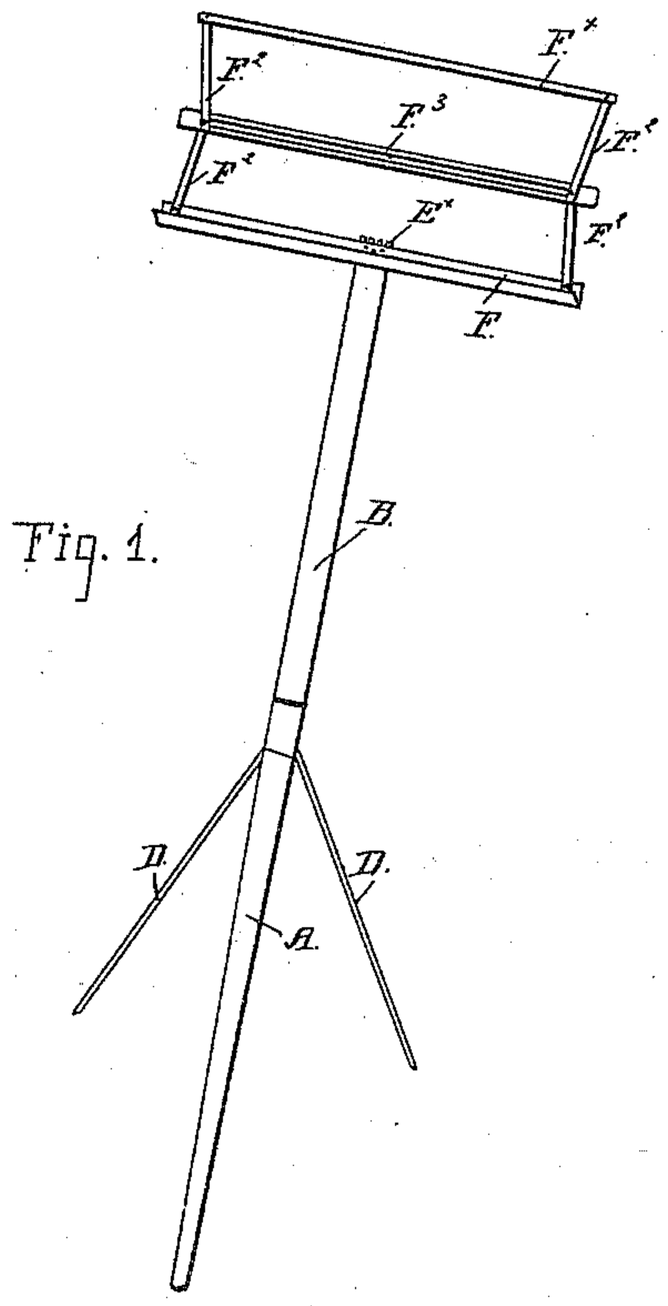

Fig. 1.

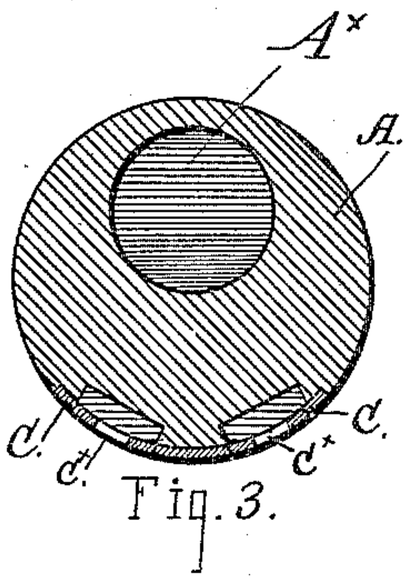

Fig. 3.

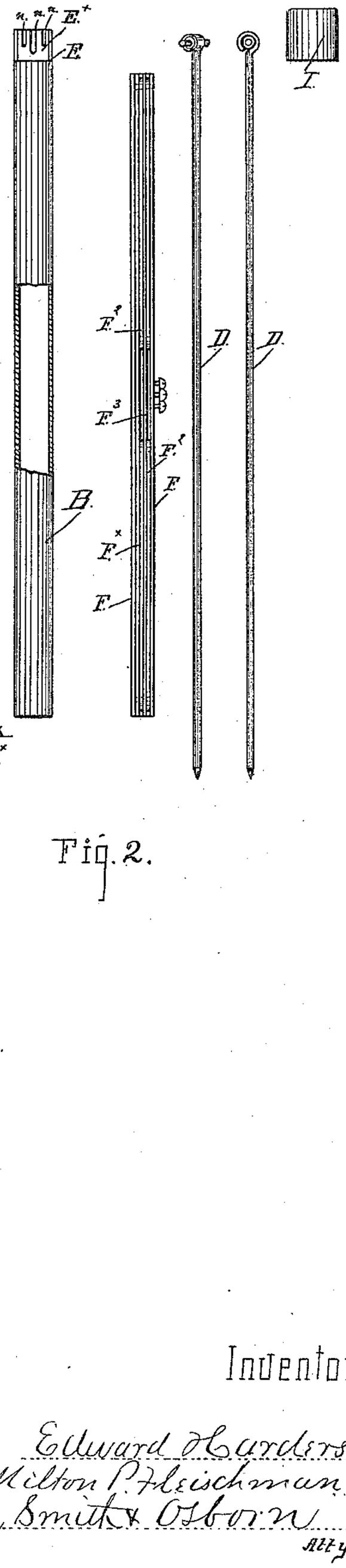

Fig. 2.

Witnesses:

Wm Mayer

A. McCharlot

Inventors:

Edward Harders

Milton P. Fleischman

By Smith & Osborn

Att'ys.

UNITED STATES PATENT OFFICE.

EDWARD HARDERS AND MILTON P. FLEISCHMAN, OF SAN FRANCISCO, CALIFORNIA.

CANE, MUSIC-STAND, AND MUSIC-HOLDER.

SPECIFICATION forming part of Letters Patent No. 448,185, dated March 10, 1891.

Application filed May 19, 1890. Serial No. 352,395. (No model.)

To all whom it may concern:

Be it known that we, EDWARD HARDERS and MILTON P. FLEISCHMAN, citizens of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Cane, Music-Stand, and Music-Holder Combined, of which the following is a specification.

Our invention relates to a novel construction, combination, and arrangement of a walking cane or staff, music-stand, and music rack or holder, and has for its object the production of a compact device for the use of musicians in the field and other localities where music-stands cannot be conveniently produced, and at the same time when the implement is not in use as a music-stand will afford a staff or cane for the musician.

To attain this end our invention consists, essentially, in a piece of wood rounded and piped or bored with a shoulder or collar formed on the upper end to receive a metal tube or extension of the cane or holder. Near the lower end of the metal tube slots are made to receive the adjustable legs or supports of peculiar construction. These legs, together with a music-rack, also of peculiar construction, are contained in the hollow tube and piped wooden extension when the implement is not in use as a music-stand, and when so arranged and combined becomes a suitable cane or staff.

Referring to the following description and accompanying drawings for a more full and complete description of our invention, Figure 1 is a perspective view of our combined cane, music-stand, music holder or rack. Fig. 2 shows the different parts of which the music-stand and cane or staff is composed. Fig. 3 is a section across the staff at the line *x x*, Fig. 2.

A represents the wooden portion of the cane, which is bored or piped, as shown at A*, eccentric to the axis thereof, and which forms a receptacle for the lower portion of the legs when they are not in use as a support and also space for the lower end of the music-rack when folded. The upper end of this portion is turned off to form a shoulder to receive the metal portion B, and when in position forms a close joint with the part A.

Immediately below the joint or shoulder is a curved metal plate C, let into the wood so as to be flush with it, in which position it is held by rivets. This plate is slotted at C* C* and receives the upper end of the legs or braces D D, while the latter are provided with a sort of wrist-pin, so that when the legs or braces are in position a wrist-pin or bayonet-joint is formed to permit the legs to be placed at the desired incline to uphold the stand in a proper manner.

The portion B is a hollow tube, of brass or other suitable metal, and fits over the end of the part A, before stated, and the upper end is cut away at one side, as at E, to form a rabbet, and to the edges of which is riveted a slotted partition-plate E*, the office of which will be hereinafter set forth.

In order to provide a music-rack or music-holder specially adapted for this construction of staff, we make use of a music-rack composed of a metal base-plate F and bar F*, the former bent at right angles, as shown, and this bent plate and bar are pivoted centrally to folding arms F^2, while a slotted guide plate or bar F^3 moves on the central pivots of the arms F^2. By this construction and arrangement of parts a sort of lazy-tongs is formed, while by pressing downward on the bar F the arms F^2 are folded down upon the bent plate, carrying with them all the parts, including the bar F and slotted plate F^3, into a small compass. When so folded, however, should the slotted plate F^3 project at either end beyond the bent plate it can be moved on the central pivots of the folding arms to correspond with the length of the bent base-plate, as shown, folded in detail view.

To the outer face of the bent base-plate F are connected three pins provided with heads—screws will answer—which enter the three slots *n n n* in the partition-plate E*, by which the music-rack is sustained when in position across the rabbet at this point, as shown in Fig. 1. The upper end of the staff or cane is provided with a cap or knob I, which may be screw-threaded.

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

1. The combination of a base A, having the eccentric bore A* in the upper end thereof,

and a plate C near the top, provided with inverted T-slot C* C*, with legs D D, having wrist-pins in the upper ends thereof for insertion in and engagement with the slots C* C*, the hollow metallic extension B, and a folding music-rack, all substantially as and for the purpose set forth.

2. The combination, with a base A, having a plate C upon it provided with slots, legs D D, hollow metallic extension B, provided with recess or shoulder E, and a central transverse plate E*, provided with slits *n n n*, of a music-rack consisting of a trough-like plate F, having the pins fixed centrally thereto, as described, a top bar F*, a longitudinally-slotted central bar F³, and the pivoted and sliding arms F² F², connecting the side bars F F* to the slotted bar and adapted to fold inward upon said slotted bar, as set forth.

In testimony that we claim the foregoing we have hereunto set our hands and seals.

EDWARD HARDERS. [L. S.]
MILTON P. FLEISCHMAN. [L. S.]

Witnesses:
JAMES L. KING,
C. W. M. SMITH.