No. 645,527. Patented Mar. 13, 1900.

J. LATOURELL & E. A. FISCHER.

MUSIC STAND.

(No Model.) (Application filed June 15, 1899.)

FIG. 1.

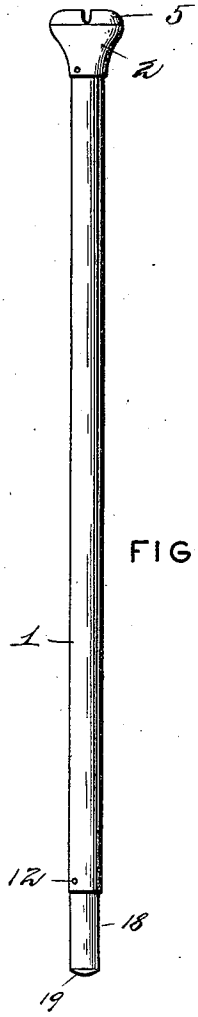


FIG. 2.

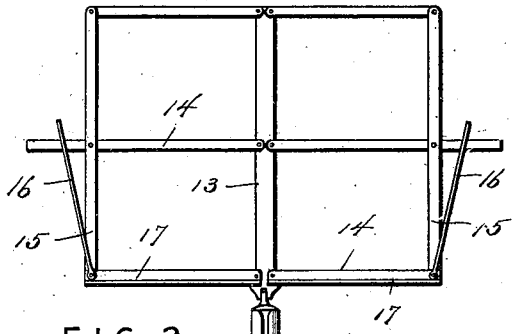


FIG. 3.

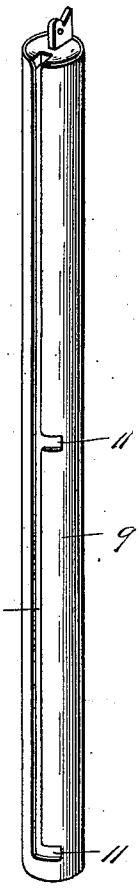


FIG. 4.

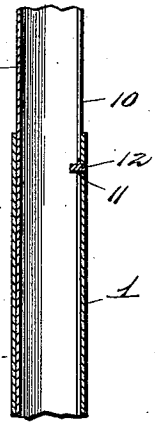


FIG. 7.



FIG. 5.

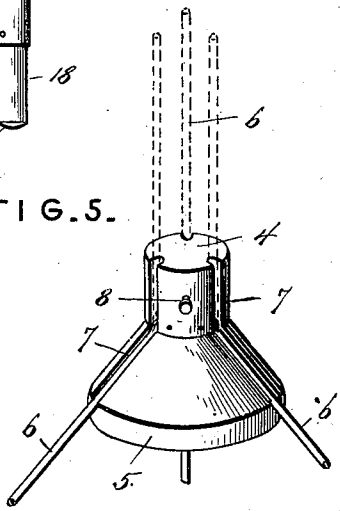
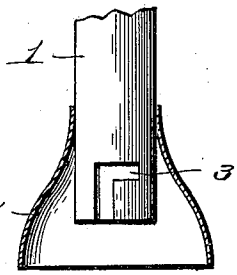


FIG. 6.



Witnesses
Harry L. Amer.
Rexford M. Smith.

Inventors
Joseph Latourell and
Edward A. Fischer.
By V. D. Stockbridge
Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOSEPH LATOURELL AND EDWARD A. FISCHER, OF STERLING CENTRE, MINNESOTA.

MUSIC-STAND.

SPECIFICATION forming part of Letters Patent No. 645,527, dated March 13, 1900.

Application filed June 15, 1899. Serial No. 720,686. (No model.)

To all whom it may concern:

Be it known that we, JOSEPH LATOURELL and EDWARD A. FISCHER, citizens of the United States, residing at Sterling Centre, in the county of Blue Earth and State of Minnesota, have invented a certain new and useful Music-Stand, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to music-stands.

The object of the invention is to provide a music-stand for traveling musicians which can be folded or brought into a compact symmetrical package.

According to our invention we have produced a music-stand the parts of which can be folded and telescoped in such way as to make the package when closed up adapted for a cane, and for convenience the invention will hereinafter be designated as a "combined music-stand and cane."

The invention consists in the combination hereinafter described and claimed.

In the drawings, Figure 1 is an elevation illustrating our invention as entirely inclosed within an outer casing and constituting a cane or walking-stick. Fig. 2 is an elevation of the invention adjusted as a music stand or holder. Fig. 3 is a perspective of a concentric extensible member adapted to be telescopically connected with a hollow staff or outer casing. Fig. 4 is an enlarged section on the line 4 4 of Fig. 1, showing a stud in a bayonet-slot in the extensible member. Fig. 5 is a perspective of a collapsible stool or support for upholding the staff of the stand, showing the legs as folded in dotted lines. Fig. 6 is an enlarged elevation, partly in section, of the lower end of the staff; and Fig. 7 is an elevation of the tip or ferrule for closing one end of the staff.

1 is a hollow staff or tube provided at one extremity with a bell-shaped or flaring socket part 2, firmly secured thereto. The staff or tube is also provided within the socket with a bayonet-slot 3. The stool or base for supporting the staff consists of a hub 4, having a heavy flange or knob 5, the hub being adapted to fit within the staff and the knob to fit within the enlarged bell-shaped socket 2. Pivotally connected with the hub are three or more legs 6 6 6. The hub and the flange or knob are grooved, as shown at 7, so that the legs may be folded into line with the hub and then inserted to the hollow staff or may be thrown out radially to form a stool or pedestal for the shaft. Connected with the hub is a stud or lug 8, which, passing into the bayonet-slot 3 and turned, serves to lock the knob and the staff together, and when the legs are extended to form a stool and the parts are locked together the walls of the socket press firmly on the upper surface of the legs and hold them rigidly in extended position. When the legs are collapsed or folded inward into line with the hub, they may be inserted to the staff and the parts locked together by means of stud 8 and the bayonet-slot 3. In this position the knob, corresponding in size and contour with the outer surface of the socket, constitutes a symmetrical and serviceable head for a cane. Telescopically connected with the outer casing or staff 1 is a concentric tube 9, provided with a longitudinal slot 10 and bayonet or lateral slots 11 11. The staff is provided near the end opposite the socket with a stud 12, which engages the slot 10 and the lateral slots or notches 11, and thereby secures the telescopic member within the staff and serves to adjust the same to different heights. Attached to the outer end of the telescoping member is a folding or collapsible music-holder. The music-holder consists of a main standard 13, pivotally connected with the telescoping member. To the standard 13 are pivotally connected a series of parallel arms 14 14, which have also parallel plates or bars 15 15, pivoted at or near their extremities in such way that they may be collapsed or folded into a narrow space no wider than the diameter of the telescoping member. This holder is also provided with flexible or folding arms or keepers 16 for holding the music against the frame. The lower parallel bars of the holder are provided with the usual music-holding ledge 17.

By reason of the fact that the music-holder is pivotally connected, as described, with the telescoping member the same is adapted to

be folded or closed together into line with the telescoping member and the whole inserted to and enveloped within the hollow staff without separating or detaching the music-holder from the telescoping member.

18 is a tip or ferrule having a plug 19 at one end and a bayonet-slot 20 at the other. This tip serves as a plug or cap for closing the end of the staff after the music-holder has been inserted to the same, the parts being locked together through the medium of the stud 12 on the staff and the bayonet-slot 20 in the tip.

It is observed that a music-holder constructed according to our invention is convenient and efficient in operation, having the usual means of adjustment to a proper height, and that it is adapted to be collapsed and folded and brought within very small and convenient compass, and when closed within the staff or outer casing and the tip adjusted in position the whole constitutes a convenient and ornamental walking-stick.

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

A music-stand involving the combination of a hollow staff having an enlarged socket and a bayonet-slot at one end and an inwardly-projecting stud at the other end, a detachable collapsible or folding stool having a knob or body to fit the enlarged socket, and a stud for engaging the bayonet-slot, a concentric adjustable tube provided with bayonet-slots telescopically connected with the staff for engagement with the inwardly-projecting stud, a folding or collapsible music-holder attached to the tube, and a tip or ferrule adapted to fit within the staff provided with a bayonet-slot for engagement with the inwardly-projecting stud, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

JOSEPH LATOURELL.
EDWARD A. FISCHER.

Witnesses:
W. W. HOLDEN,
WENA SMITH.