No. 686,006. Patented Nov. 5, 1901.

J. H. McCONNELL.

COMBINED CANE AND STOOL.

(Application filed Mar. 13, 1901.)

(No Model.)

Fig. 1.

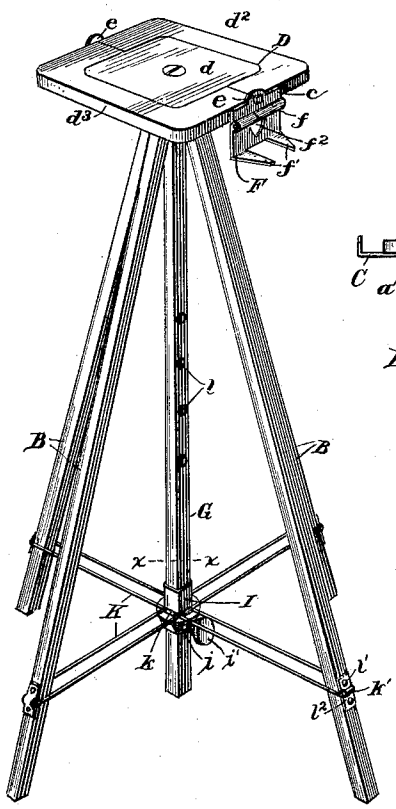


Fig. 4.

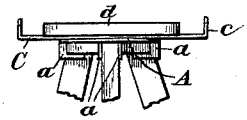


Fig. 2.

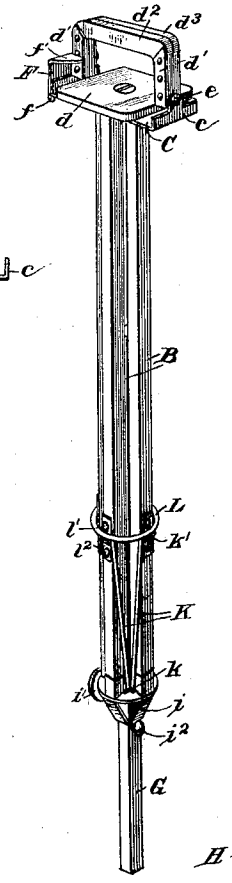


Fig. 5

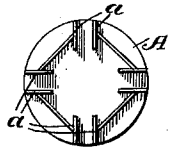


Fig. 3.

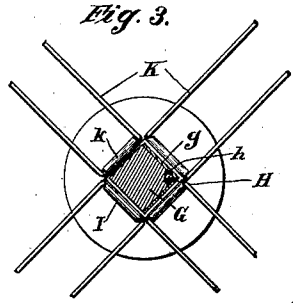
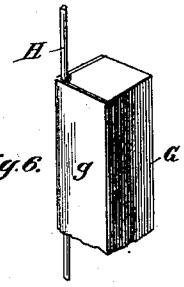


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

JAMES H. McCONNELL, OF PULTENEY, NEW YORK.

COMBINED CANE AND STOOL.

SPECIFICATION forming part of Letters Patent No. 686,006, dated November 5, 1901.

Application filed March 13, 1901. Serial No. 50,954. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. MCCONNELL, a citizen of the United States, residing at Pulteney, in the county of Steuben and State of New York, have invented certain new and useful Improvements in a Combined Cane and Stool; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to an improved combined cane and stool.

An object of the invention is to provide in a construction of this character a sectional seat portion adapted to be partly folded to constitute a handle, but when open will afford an extensive flat surface.

This invention has for its further object the provision of an improved locking means for securing the handle-sections when closed against accidental folding.

The invention still further embraces the idea of a novel folding means whereby the legs of the stool may be folded to occupy the least possible space or extended as desired to give the proper length of cane.

Improved details in the arrangement and construction of the several parts will be apparent from the detailed description hereinafter and the appended claims, when taken in connection with the accompanying drawings, forming part hereof.

In the drawings the preferable embodiment of the invention is shown for the purpose of illustration, and when hereinafter referring to the same like reference characters will refer to corresponding parts in the several views.

Figure 1 is a perspective view of the construction in open position, the same constituting a stool. Fig. 2 is a perspective view of the same in folded position, the central leg being extended, as when used as a cane. Fig. 3 is a sectional view on the line $x\,x$ of Fig. 1. Fig. 4 is a detail view of the seat-section and the upper portions of the legs, and Figs. 5 and 6 are detail views.

Referring more specifically to the drawings, A designates a metallic casting provided with suitably-disposed ears a, between which are pivoted supporting-legs B of any desired description, those shown being rectangular in cross-sections to prevent twisting of the same at the pivoted points. Upon the upper surfaces of the casting A is secured a metallic plate C, of rectangular shape, upon which rests the central stationary portion d of the seat D. The respective ends of the plate C extend a short distance beyond the edges of the portion d and are turned up at c, said turned-up portion being provided with suitable perforations in which work pivots e of metallic brackets d', secured, respectively, to substantially U-shaped sections d^2 d^3 of the seat portion, the same being adapted to occupy a horizontal position, as shown in Fig. 1, when the stool is to be used and to occupy a vertical position (shown in Fig. 2) when constituting a handle for the cane. To lock the sections d^2 d^3 in the last-mentioned position, a catch F, pivoted at f to the plate C, is provided, the same having at its end the fingers f', adapted to overlie the outer surfaces of the adjacent brackets on the seat-sections and snugly fit the same. The catch is cut away, as at f^2, to fit over the pivot-nut, as shown. The central leg G is loose and slidably engages a depending guide-rod H, free at its lower end and secured at its upper end at a suitable point on the casting A. The guide-rod passes through a longitudinally-disposed opening h in the central leg G, formed by the corner thereof being cut away, and the angle-iron g fitting thereover, as shown in Fig. 3. A sleeve I slidably engages the leg G and carries at its lower end a casting i, the same being held in adjusted positions through the medium of a thumb-bolt i', engaging one of the surfaces of the angle-iron on said leg. To the upper surface of the casting brace-rods K are pivotally secured at k at one end and at the other end are correspondingly secured at k' to the legs B at points intermediate the ends of the same. The sleeve is limited against excessive downward movement by a stop i^2 on the leg G.

When the construction is to be used as a cane, the sleeve is dropped into the position shown in Fig. 2, when the brace-rods will draw the legs inwardly to fold the same and the leg G will be slid upon the guide-rod H down-

wardly through the sleeve to make the proper length of cane. The leg G is held in adjusted positions by the thumb-bolt i' referred to engaging in one of a series of sockets l in the surface thereof. The legs are held against outward movement by a ring L, which is sprung over the screw-heads l' of the brackets l^2, in which the brace-rods for the legs are pivotally secured.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. A combined stool and cane comprising suitable legs or supports, a seat secured at the upper end thereof comprising a central stationary section, a plate below said central stationary section and extending beyond the sides thereof, end sections of the seat pivoted to the extensions of the plate adapted to fold upwardly, and a pivoted catch provided with projecting fingers adapted to overlie the ends of the pivoted sections to lock the same in folded position, substantially as described.

2. A combined stool and cane comprising suitable seat and handle portions, legs pivotally secured thereto, a centrally-arranged leg immovable laterally, an adjustable sleeve on said central leg, pivoted brace-rods connecting the sleeve and legs, oppositely-disposed projections on the legs and a ring slidable on the exterior surfaces of the legs adapted to be sprung over and fit between the projections thereon to lock the same in folded position, substantially as described.

3. A combined cane and seat comprising a suitable seat and handle portions, legs pivotally secured to said seat portion a guide-rod depending from said seat portion, a central leg slidably engaging said guide-rod, a sleeve on said central leg, means for clamping the sleeve in adjusted position upon said leg and pivoted brace-rods between the sleeve and the respective pivoted legs, substantially as described.

4. A combined cane and seat comprising a suitable seat and handle portions, legs pivotally secured to said seat portion, a depending guide-rod suspended from said seat portion, a centrally-arranged leg provided to one side thereof with a guide-opening adapted to work upon said guide-rod, a sleeve on said central leg, connection between the sleeve and the pivoted legs, and means for clamping the sleeve in adjusted position, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES H. McCONNELL.

Witnesses:
M. A. SCHMIDT,
W. H. LEE.