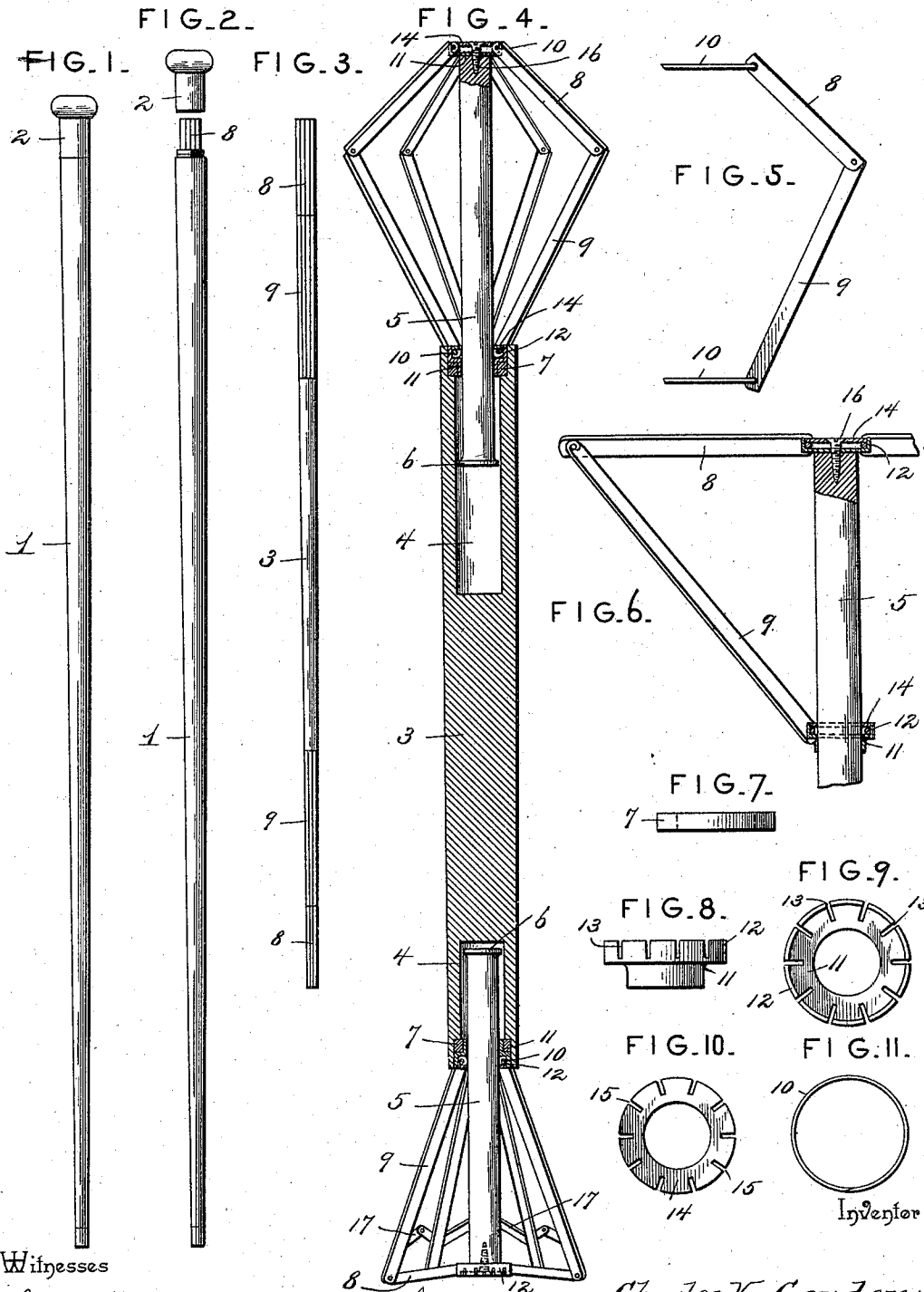


(No Model.)

C. V. GORDON.
STOOL AND CANE.

No. 576,345.

Patented Feb. 2, 1897.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES VICTOR GORDON, OF EAST LOS ANGELES, CALIFORNIA.

STOOL AND CANE.

SPECIFICATION forming part of Letters Patent No. 576,345, dated February 2, 1897.

Application filed December 26, 1895. Serial No. 573,374. (No model.)

To all whom it may concern:

Be it known that I, CHARLES VICTOR GORDON, a citizen of the United States, residing at East Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Combination Stool and Cane, of which the following is a specification.

This invention aims to provide an improved folding stool which can be folded into a compact form and stored within a case approximating the form of a cane, so as to be conveniently carried when required for use.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The improvement is susceptible of various changes in the form, proportion, and the minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 shows the device as it will appear when reduced to a compact form for carrying. Fig. 2 is a view similar to Fig. 1, having the top of the case elevated. Fig. 3 shows the stool folded and as it will appear when in readiness to be placed within the case. Fig. 4 shows the stool in position for use, the seat being partially raised, the seat-post and connections being in section. Fig. 5 is a detail view showing a supporting-bar and brace strung upon the attaching-rings. Fig. 6 is a detail view of the upper portion of a sliding rod, showing the supporting-bars in horizontal relation. Figs. 7 to 11, inclusive, are detail views of the component parts of the fastenings for attaching the bars and braces to their respective parts.

The same reference-numerals denote corresponding and like parts in all the figures of the drawings.

The casing 1 approximates the form of a cane or walking-stick, and its upper end is closed by a removable top 2, which is fitted to the casing and held thereto in any convenient way, and this casing is of such relative size as to receive the stool when folded.

The seat-post 3 has similar bores 4, extending therein for a short distance from its ends,

and corresponding rods 5 are adapted to slide or move within the end bores 4 and are limited in their outward movement by annular flanges 6 at their inner ends, which engage with rings 7, secured in an enlarged portion of the bores 4 near or at their outer ends.

A seat and a stand are provided at the opposite ends of the seat-post and are constructed substantially alike and have attachment with the rods 5 and the adjacent ends of the seat-post by similar fastenings. Hence to simplify matters only one part and one set of fastenings will be described in detail, the same reference-numerals designating corresponding parts. The supporting-bars 8 are pivotally connected with the braces 9 and are strung upon split or open rings 10, the ends of the braces 9 being constructed and united in a like manner by rings 10. A plate 11, having a flange 12 and provided with a series of radial slots 13, receives the ring 10, and a plate 14, having slots 15 corresponding in position and number to the slots 13, is fitted within the flange 12 and incloses the ring 10, so as to prevent the latter from displacement. These parts 10, 11, and 14 constitute a set of fastenings, one being provided for the ends of the supporting-bars 8 and another for the ends of the braces 9.

The fastenings fitted to the ends of the seat-post are secured within the outer enlarged end of the bores 4 exterior to the rings 7, and the openings through the plates 11 and 14 are sufficiently large, as shown most clearly in Figs. 9 and 10, for the rods 5 to slide through freely. The fastenings for the ends of the supporting-bars 8 are attached to the extremities of the rods 5, preferably by means of screws or like fastenings 16, which pass through corresponding openings of proper size in the plates 11 and 14. The registering slots 13 and 15 of the plates 11 and 14 provide for the free movements of the bars 8 and braces 9 when folding and closing the stool, as will be readily understood.

The supporting-bars 8 and the braces 9 are formed of metal and are L or T shaped in cross-section, whereby these parts are braced against vertical and lateral stress. When the rods 5 are moved within the bores 4, the supporting-bars 8 assume a horizontal position and are supported at their outer ends by the

braces 9, as most clearly shown in Figs. 4 and 6. To fold the stool, the rods 5 are moved outward, thereby bringing the supporting bars and braces into alinement and close against the sides of the said rods 5, when the stool will approximate the form shown in Fig. 3 and can be conveniently stored within the casing 1.

The members of the base or stand are maintained at a fixed relative distance apart by interposed stays 17, which have pivotal connection with the braces 9 and with one another, the parts of the stays being adapted to fold so as to lie snugly between the members of the stand when the members of the stool are folded.

The seat-post and rods 5 may be constructed of any suitable material so as to secure lightness and strength, and it is possible to form them of wood, or at least to have the seat-post made of wood and the rods 5 of metal. However, the question of material is unimportant to the attainment of the desired end.

Having thus described the invention, what is claimed as new is—

1. In a combined cane and stool, the combination of a seat-post having a bore, a rod slidably mounted within the said bore, supporting-bars and braces pivotally connected together, flanged plates having radial slots secured, respectively, to the adjacent ends of the rod and seat-post, split rings fitting within the flanges of the said plates and having

the ends of the bars and braces, respectively, strung thereon, and other plates secured within the flanges of the first-mentioned plates and having radial slots corresponding with the radial slots thereof for the adjacent ends of the rods or bars to operate in, substantially as shown and described.

2. In a combined cane and stool, the combination of a seat-post having a bore extending therein from each end, rods slidably mounted within the bores and having a limited movement therein, supporting-bars and braces pivotally connected together, flanged plates having radial slots secured, respectively, to the ends of the rods and seat-post, split rings located within the flanges of the plates and having the ends of the bars and braces, respectively, strung thereon, other plates secured within the flanges of the aforesaid plates and having radial slots corresponding with the radial slots of the said flanged plates, and folding stays interposed between and having pivotal connection with the braces at the lower end of the seat-post, substantially as shown for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CHARLES VICTOR GORDON.

Witnesses:

JENNIE A. HAHNE,
C. T. WARREN.