

E. C. GARDEN.
 CONVERTIBLE CANE AND STOOL.
 APPLICATION FILED JAN. 9, 1905.

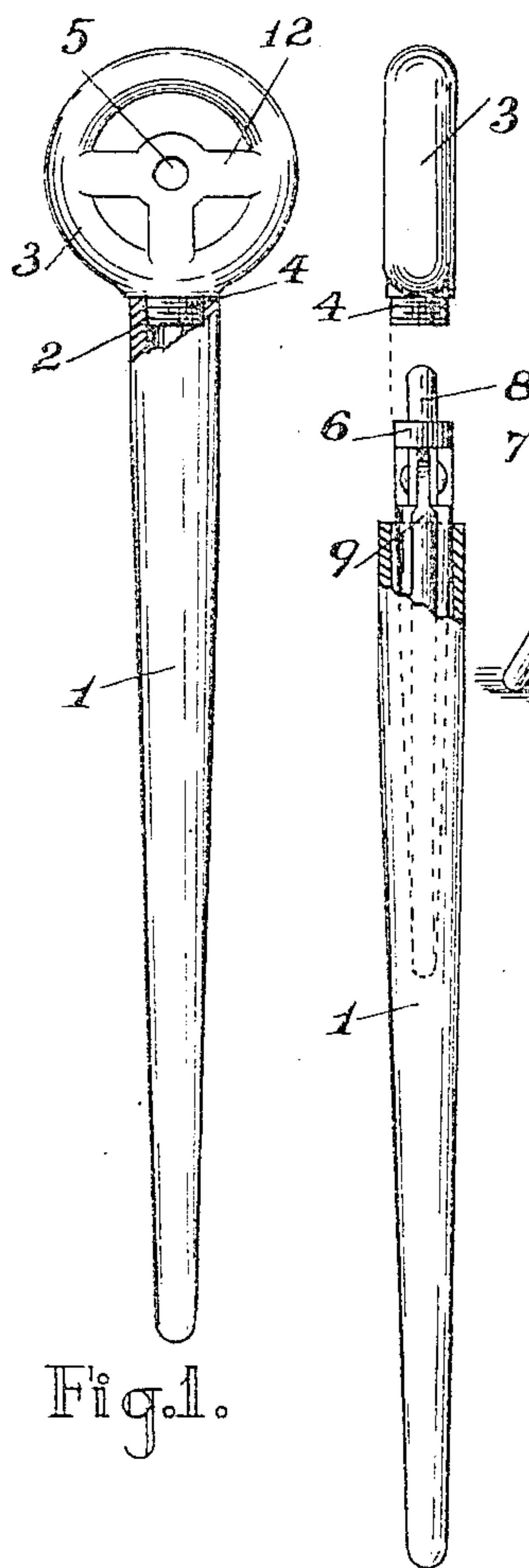


Fig. 1.

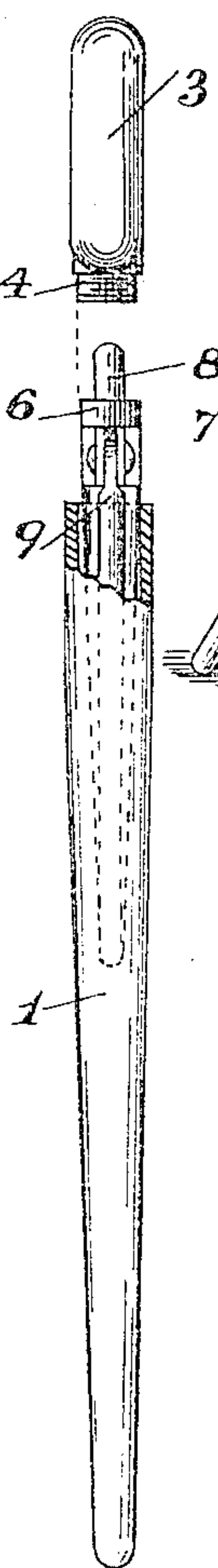


Fig. 2.

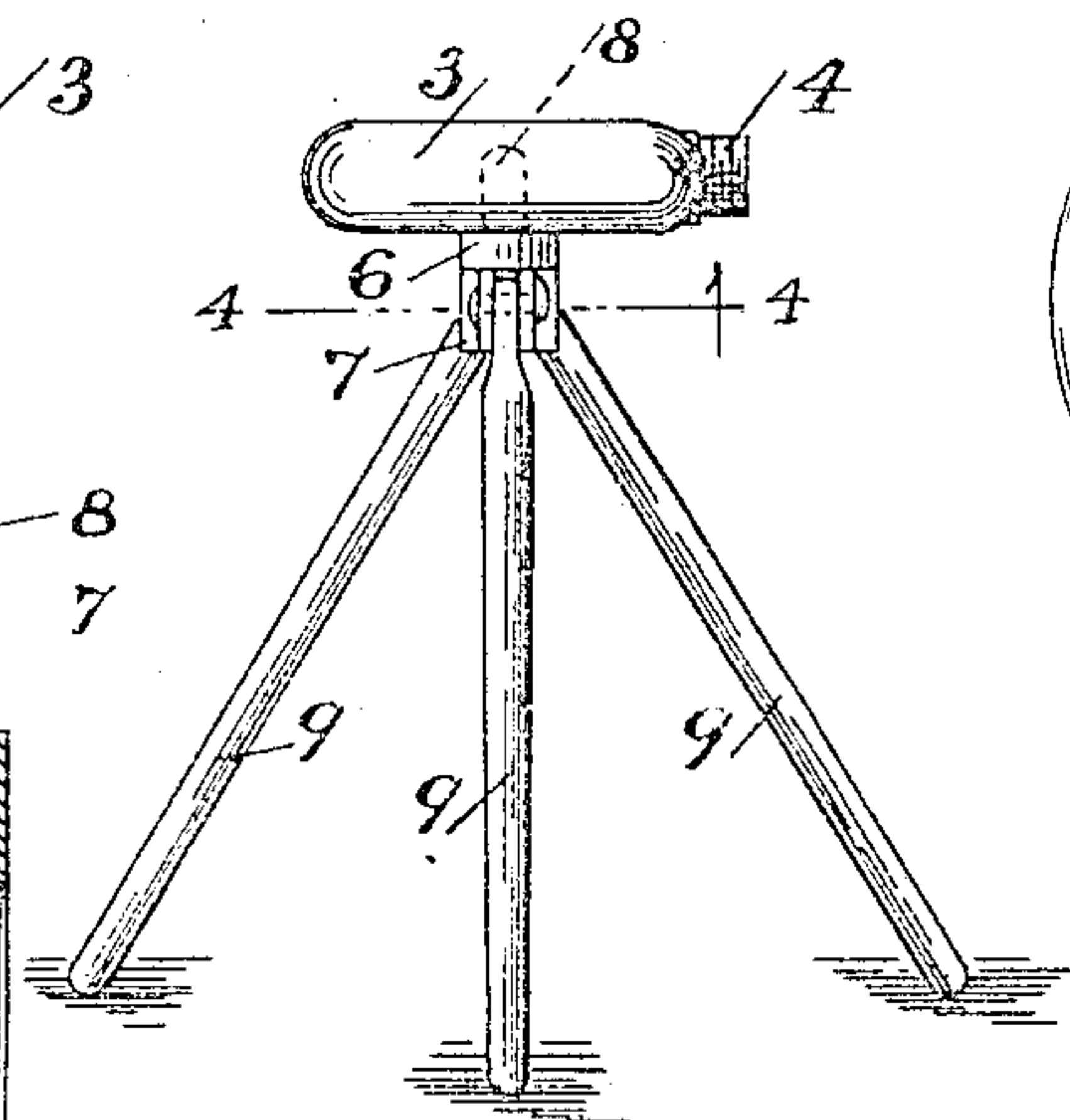


Fig. 3.

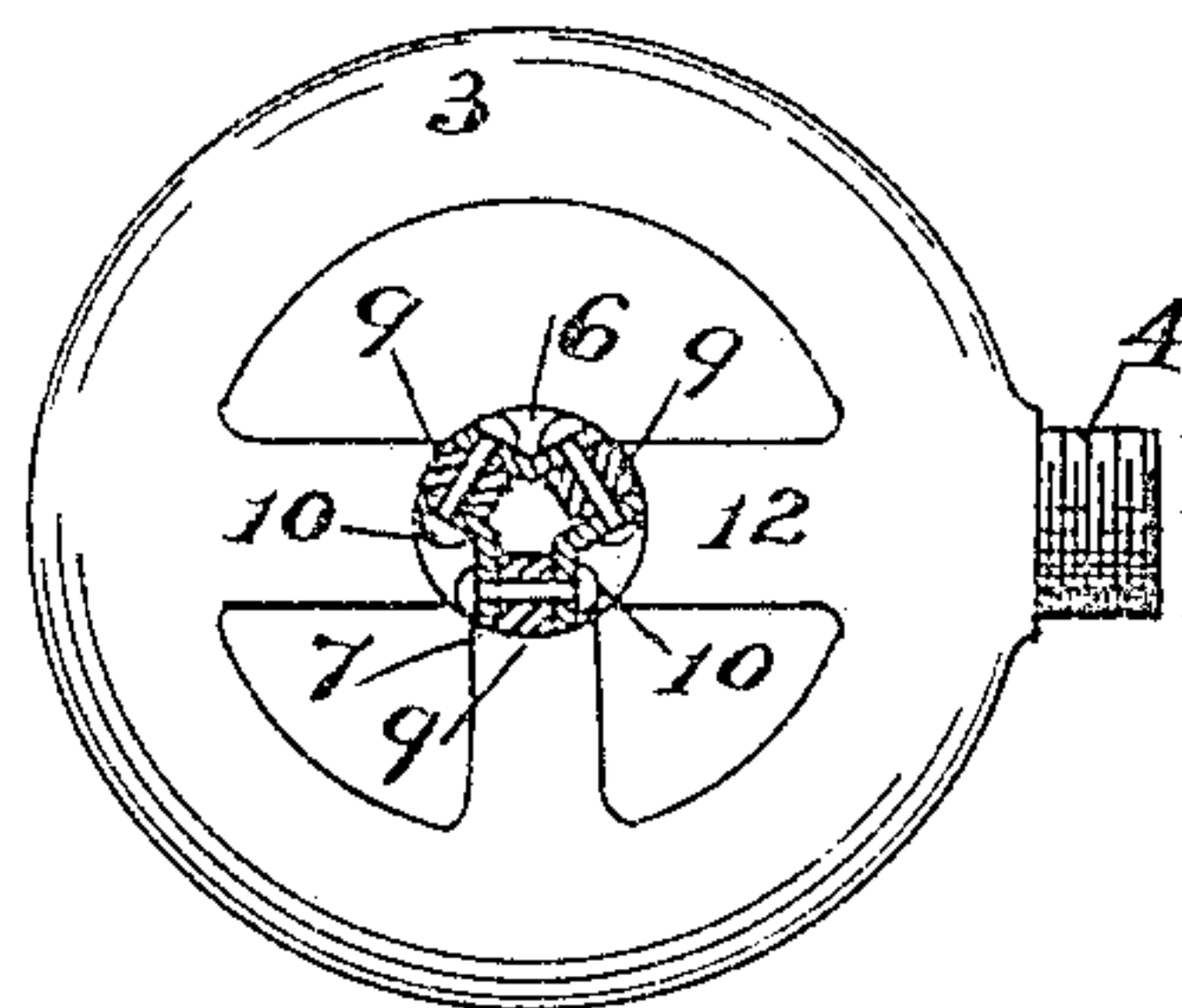


Fig. 4.

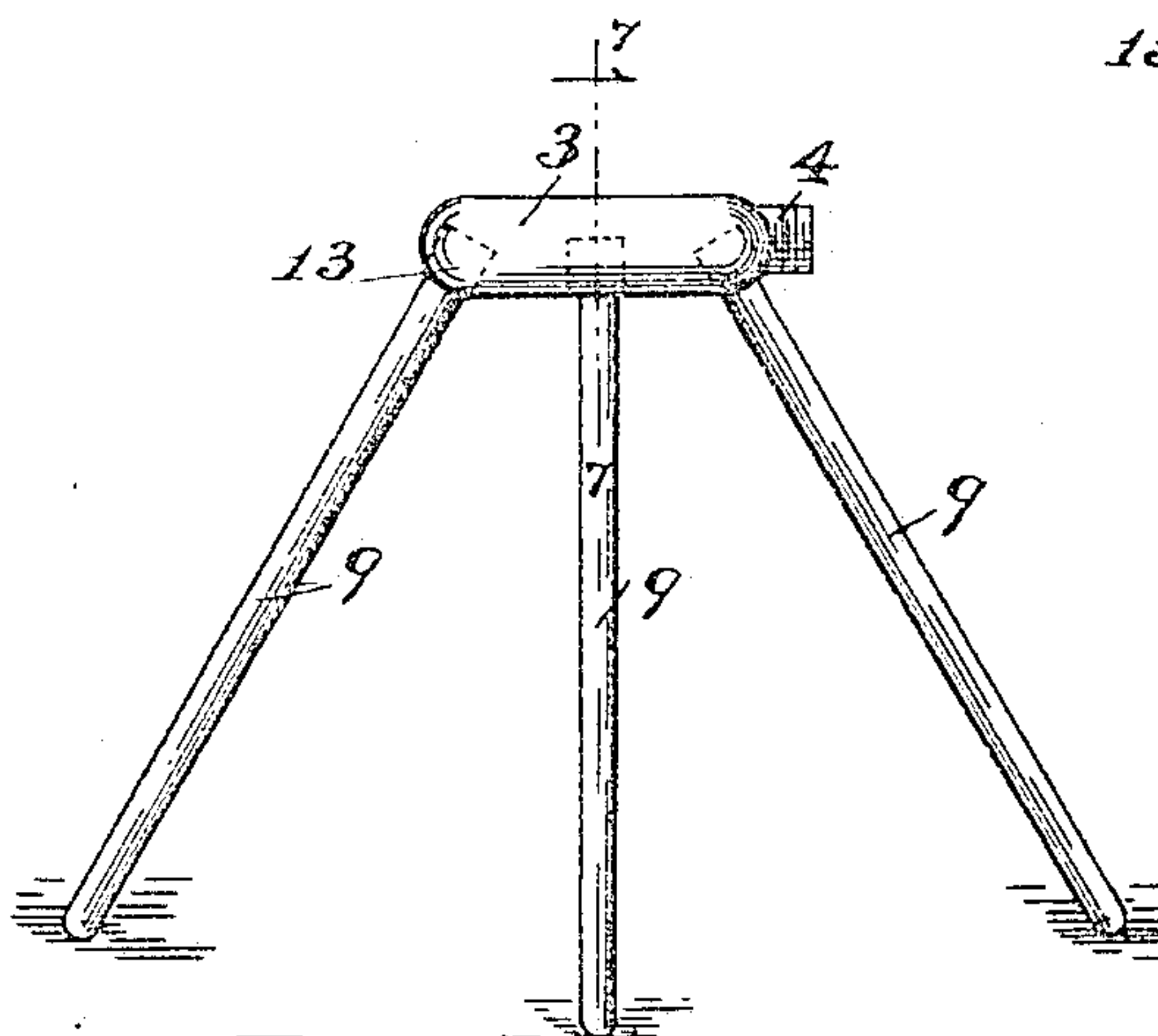


Fig. 5.

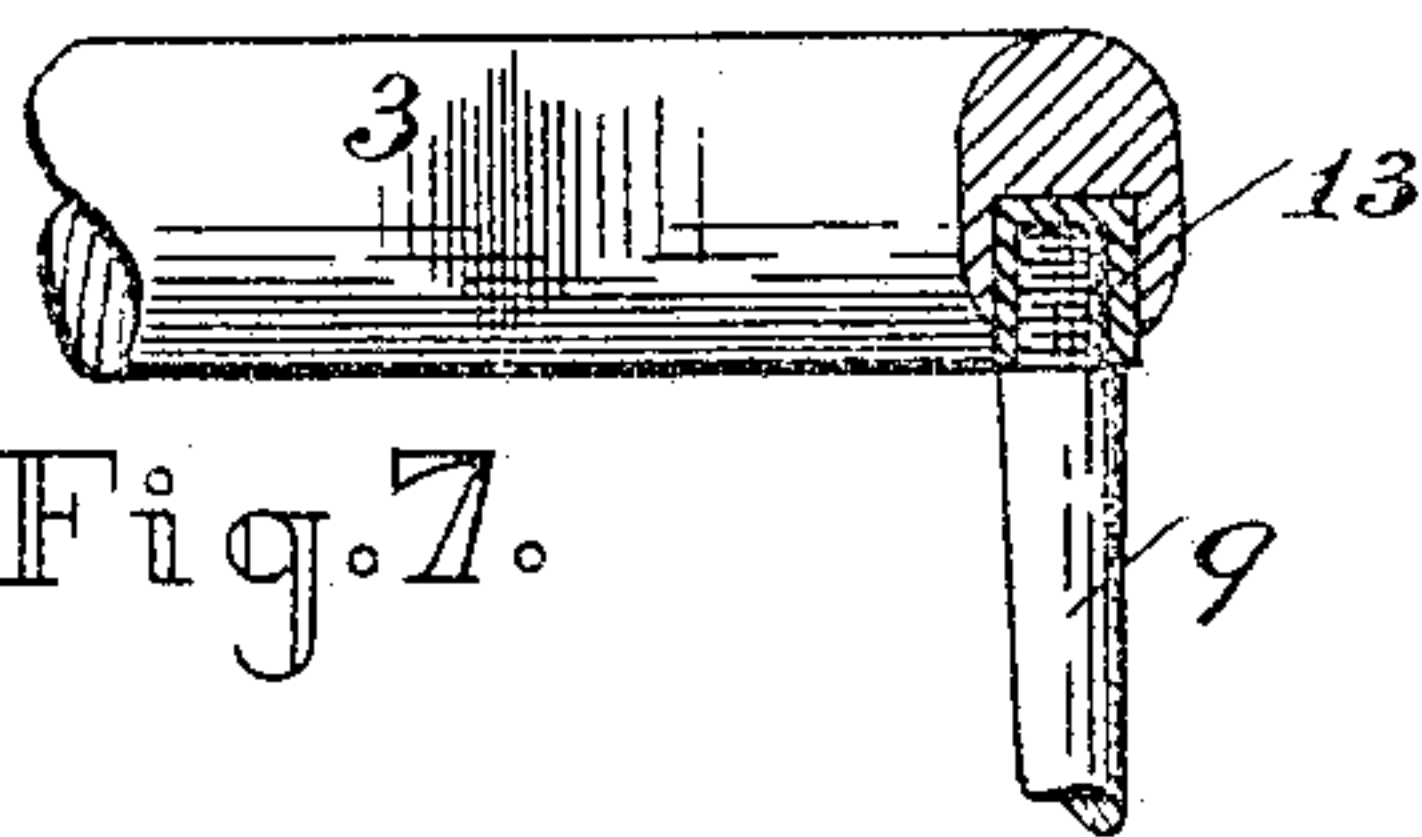


Fig. 6.

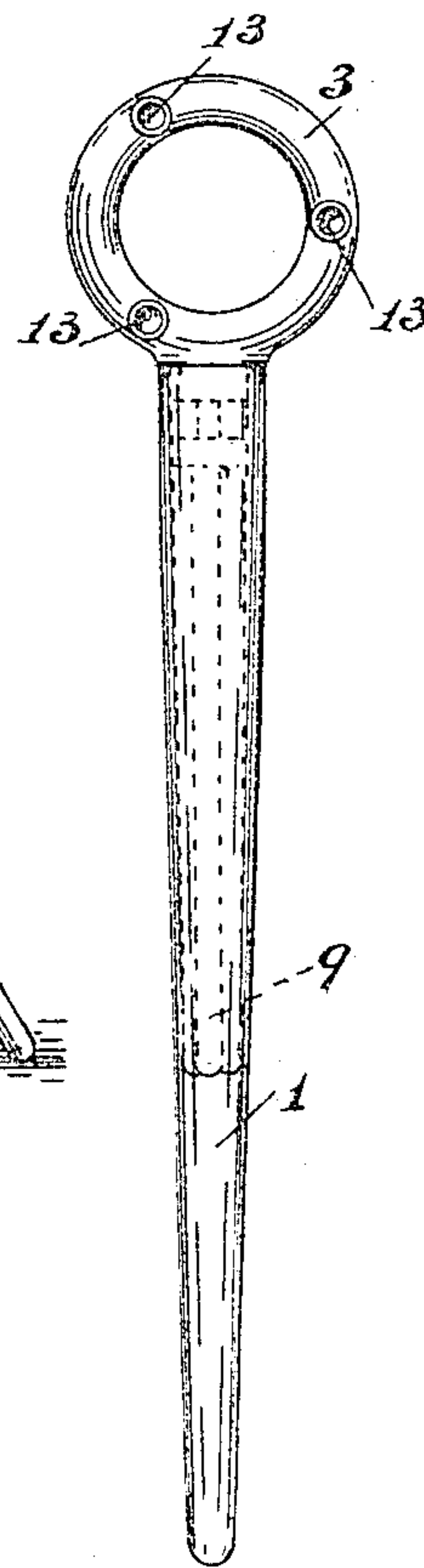


Fig. 7.

Witnesses.
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 O. A. Merkel.

Inventor.
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 By Atty. N. DuBois.

UNITED STATES PATENT OFFICE.

EMANUEL C. GARDEN, OF JACKSONVILLE, ILLINOIS.

CONVERTIBLE CANE AND STOOL.

SPECIFICATION forming part of Letters Patent No. 787,166, dated April 11, 1905.

Application filed January 9, 1905. Serial No. 240,333.

To all whom it may concern:

Be it known that I, EMANUEL C. GARDEN, a citizen of the United States, residing at Jacksonville, in the county of Morgan and State of Illinois, have invented a certain new and useful Convertible Cane and Stool, of which the following is such a full, clear, and exact description as will enable others skilled in the art to which it appertains to make and use my said invention.

My invention relates to portable stools adapted to be conveniently carried by persons attending expositions or fairs or engaged in occupations in which it is necessary to do much walking and is desirable to occasionally sit down and rest.

The purposes of my invention are to provide a device which when the parts are compactly arranged will be in the form of a staff or cane which may be conveniently carried and which will serve to support the user in walking and when the parts are differently arranged will form a stool on which the user may sit, and to provide simple and effective means for so connecting the parts that they may be quickly and conveniently arranged in the different forms necessary for the uses mentioned.

With these ends in view my invention consists in the novel features of construction and combinations of parts shown in the annexed drawings, to which reference is hereby made, and hereinafter particularly described, and finally recited in the claims.

Referring to the drawings, in which similar reference-numerals designate like parts in the several views, Figure 1 is a side elevation of the complete device when the parts are assembled in the form of a cane. Fig. 2 is a combined elevation and sectional view showing the same structure with the legs partially withdrawn from the sheath. Fig. 3 is an elevation of the device when the parts are assembled in the form of a stool. Fig. 4 is an enlarged horizontal section on the line 4-4 of Fig. 3 looking upward. Fig. 5 is an elevation of a modified form of the device, the parts being arranged in the form of a cane. Fig. 6 is an elevation of the device comprising the same parts as in Fig. 5 arranged in

the form of a stool, and Fig. 7 is an enlarged partial vertical section on the line 7-7 of Fig. 6.

The sheath 1 is a tapering shell of light metal, preferably steel, and has at its upper end a screw-threaded part 2. The annular part 3, which serves as a handle and also as a seat, is preferably of wood and may be of any suitable or convenient size. The part 3 has a lug 4, which screws into the threaded part 2 of the sheath 1. A diametric bar 12, integral with the annulus 3, is pierced by a central hole 5.

A tripod fits loosely within the sheath 1, and when the handle 3 is in place as a handle the lug on the handle closes the upper end of the sheath, so as to prevent accidental displacement of the tripod; but if the handle be detached the tripod may be withdrawn from the sheath by merely inverting the sheath.

The tripod-head 6 has integral forked lugs 7 and an upwardly-projecting pin 8.

The legs 9 fit in the forks of the lug 7 and are pivotally connected with the lugs by bolts or pins 10.

The pin 8 fits in the hole 5, and when the parts are assembled to form a stool, as shown in Fig. 3, the part 3 forms a seat which turns on the pin 8, so that the user may while seated turn the seat so that he may face in any desired direction.

The part of the annulus 3 above the bar 4 forms a good handle, which may be grasped by the user when the device is used as a cane.

In the modified form of the device shown in Figs. 5, 6, and 7 the rotative feature of the seat is dispensed with. The annular seat and the handle 3 is without a cross-bar, so that the arm of the user may be passed through the ring for convenience in carrying the device, and the legs 9 are not connected to form a tripod, but are separate and screw into suitably-placed thimbles 13, secured in the part 3.

In practice when the parts are assembled, as shown in Fig. 1, the user grasps the handle in his hand and uses as a cane the sheath containing the tripod. When he wishes to use the device as a stool, he unscrews the part 3, withdraws the tripod from the sheath, spreads the legs 9, and places the member 3 on top of the tripod, with the pin 8 fitting in the hole

5. The device may then be used as a stool with a revoluble seat.

In using the modified form of the device shown in Figs. 5, 6, and 7 the user passes his arm through the ring 3, and thus carries the device on his arm. When he wishes to use the device as a stool, he unscrews the member 3, removes the legs 9 from the sheath 1, and screws the upper ends of the legs into the
10 thimbles 13, and when the parts are thus assembled the device may be used as a stool.

By reversing the operations above described the devices may be respectively restored to their original condition.

15 Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A convertible cane and stool, comprising a sheath, a seat member detachably connected
20 with said sheath and having a central hole, and a tripod fitting within said sheath and having a pin fitting in the hole in said seat member.

2. A convertible cane and stool, comprising

a sheath, legs fitting within said sheath, and a seat member detachably connected with said sheath and provided with connecting devices for connecting the legs with said seat member.

3. A convertible cane and stool, comprising a sheath, legs fitting within said sheath, a seat member detachably connected with said sheath, and means for connecting said legs with said seat member.

4. A convertible cane and stool, comprising a sheath having a screw-threaded upper part, a seat member having a lug fitting in the screw-threaded part of said sheath, also having a central hole, and a tripod fitting within said sheath and having a pin fitting in the hole in said seat member.

In witness whereof I have hereunto subscribed my name, at Springfield, Illinois, this 28th day of December, 1904.

EMANUEL C. GARDEN.

Witnesses:

OSCAR A. MERKEL,

MARGARET McDONALD.