April 9, 1935. A. A. HANSON 1,997,142

CANE AND STOOL

Filed March 20, 1934

Fig. 1.

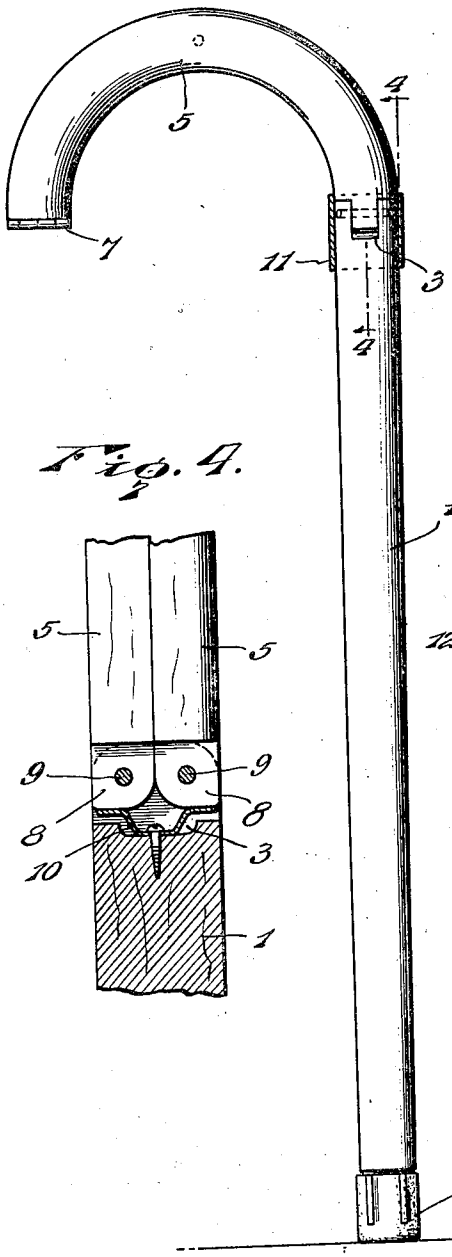


Fig. 2.

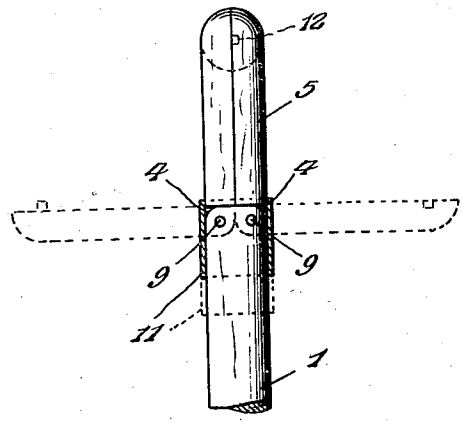
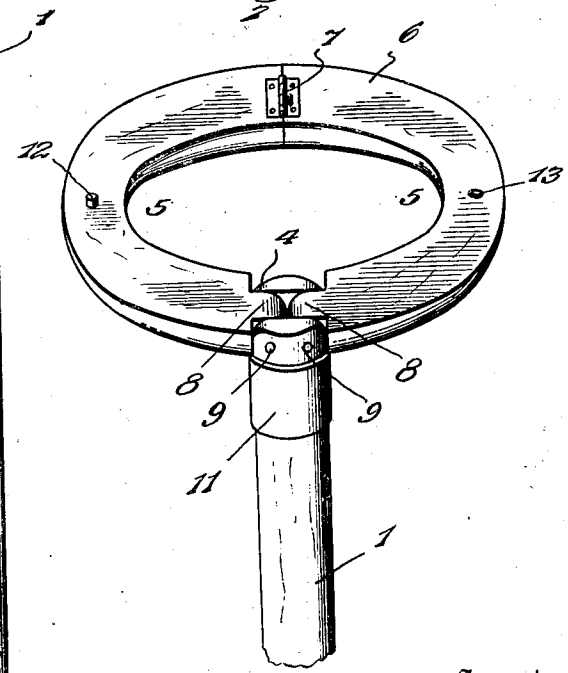


Fig. 4.

Fig. 3.



Inventor

A. A. Hanson.

By Lacey & Lacey, Attorneys

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CANE AND STOOL

Arden A. Hanson, Oakland, Nebr.

Application March 20, 1934, Serial No. 716,524

1 Claim. (Cl. 155—135)

The object of this invention is to provide an implement which may be used as a walking stick or cane in the usual manner and which, when the occasion arises, may be adjusted to form a seat or support for the user. The invention is illustrated in the accompanying drawing and consists in certain novel features which will be particularly defined in the claim following the detailed description.

In the drawing,

Figure 1 is a side elevation, partly in section, of the device arranged for use as a cane or walking stick.

Figure 2 is a detail view, at right angle to Figure 1, indicating by dotted lines the adjustment to form a seat.

Figure 3 is a detail perspective view showing the device arranged to serve as a seat.

Figure 4 is an enlarged detail section on the line 4—4 of Figure 1.

In the drawing, the reference numeral 1 indicates the main portion or body of the cane which is equipped at its lower end with a foot 2 of rubber or similar material whereby the impact of the cane against the ground will be cushioned. The upper end of the stick 1 is recessed or slotted transversely, as indicated at 3, and the side walls of the recessed end are rounded off at their corners, as indicated at 4, so that the members of the handle may be swung over said corners without interference therefrom. The handle consists of two similar arcuate members 5 which may be of any approved form but are shown in the drawing as substantially semi-circular, the outer surfaces of the members being convex so that they will fit comfortably in the hand of the user, and the inner surfaces being flat, as shown at 6 in Figure 3, so that they may fit closely together when the device is in use as a cane. At one end, the sections of the handle are joined by a hinge 7, of any known or approved form, which may be set in the opposing surfaces of the handle and will serve to connect the ends thereof while permitting the ready relative movement of the sections toward or from each other. At the opposite ends, the handle sections are formed with central lugs 8 which are adapted to fit within the recess 3 of the stick and are pivotally retained therein by pins 9 inserted through the lugs and the side walls of the stick, as shown and as will be readily understood. It is to be noted, as clearly shown in Figure 4, that the lugs 8 have their adjacent surfaces convex on arcs concentric with the pivots 9 while their outer surfaces form a sharp angle and bear against the free ends of a spring 10 which is secured within the recess 3 and bears against the ends of the handle sections so that it tends to retain the sections in either the closed or the open position. Ordinarily, the handle is closed, as shown in Figures 1, 2 and 4, but if for any reason the user desires to rest temporarily, the handles are swung apart to the position shown in Figure 3 and by dotted lines in Figure 2 so that they will constitute a small seat upon which the user may rest.

While the spring 10 serves effectually to retain the handle sections in either the closed or open position, I provide a locking ring or collar 11 which is slidably mounted on the stick at the upper end thereof and is adapted, when pushed upwardly, to fit around the hinge connection between the handle sections and the stick and thereby hold the sections in their closed position, as will be understood upon reference to Figures 1 and 2. When the handle is to be opened to form a seat, the collar is slid downwardly so as to clear the recessed portion of the stick, as will be understood upon reference to Figure 3, and it should be noted that this locking collar 11 is to fit snugly but slidably and be held frictionally upon the stick so that it will not be apt to slip downwardly when the device is in use as a cane. This collar may be of any preferred material and may be ornamented in any desired manner so that it will serve to add attractiveness to the device and when in its upper position will entirely cover the connection between the handle and the stick and, therefore, disguise the seat construction so that lessening of the appearance of the device as a cane will be avoided.

A stud 12 is formed on the plane face of one handle section and adapted to fit within a socket 13 formed on a corresponding face of the other handle section so that possible relative lateral movement of the sections one upon the other will be avoided and the strain upon the hinges will be lessened.

Having thus described the invention, I claim:

A cane seat comprising a stick having a recessed upper end, mating handle sections hinged together at one end and reduced at the opposite end to form lugs fitted within the recessed portion of the stick and pivotally retained therein, each of said lugs having intersecting straight surfaces, a locking spring secured within the recessed portion of the stick and bearing upon the straight surfaces of the handle sections whereby to retain said sections in either the open or closed position, and a locking collar slidably mounted on the stick and adapted to engage around the pivoted ends of the handle sections and house the same and the spring in the closed position of the handle sections.

ARDEN A. HANSON. [L. S.]