July 1, 1930. G. SCHEIHING 1,769,167

CRUTCH

Filed Aug. 5, 1926

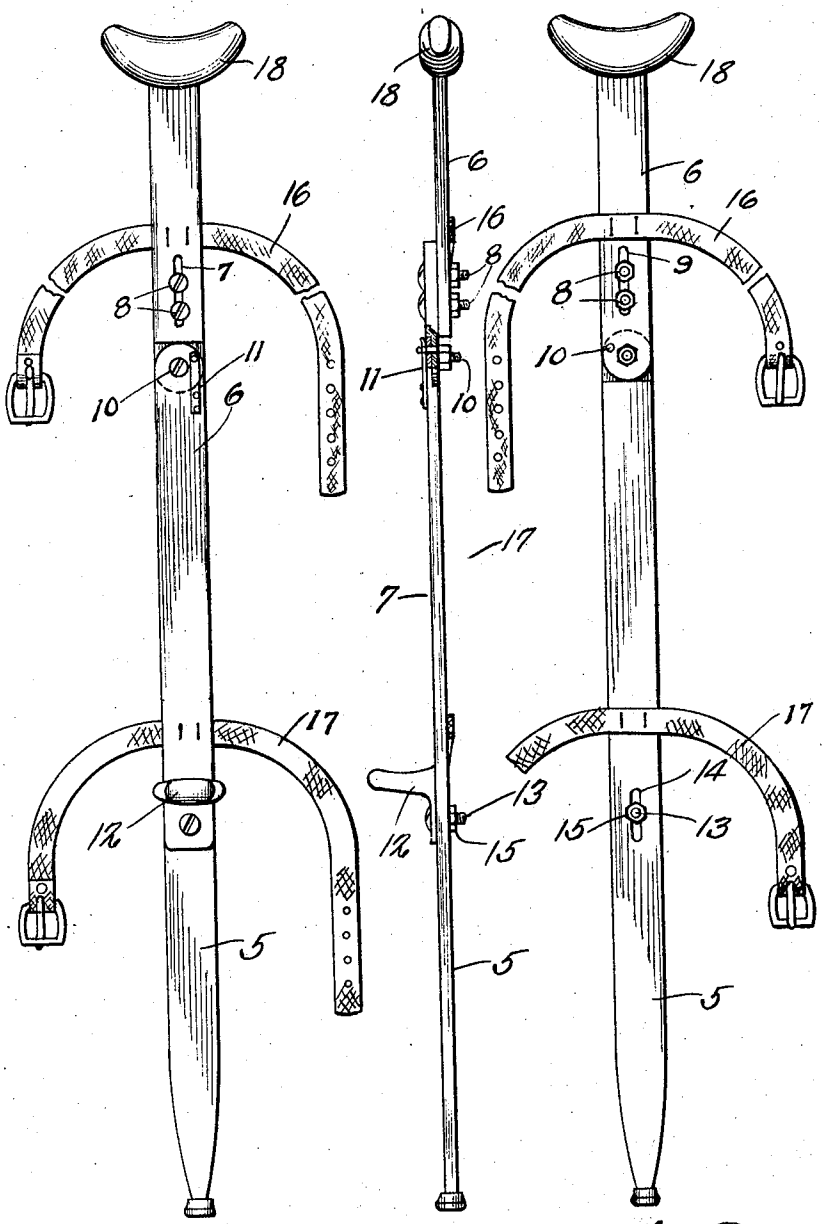


Fig. 1. Fig. 2. Fig. 3.

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UNITED STATES PATENT OFFICE

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CRUTCH

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This invention relates to crutches and more particularly that type of crutch wherein straps or other securing devices are employed for securing the user's leg thereto.

The primary object of the invention is to provide a crutch of this character which will be exceptionally comfortable to the user and one which will permit the user to lean forward or bend over without the necessity of unstrapping his leg or removing the crutch therefrom.

A still further object of the invention is to provide a crutch which will be adjustable for use by persons of various heights.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is a front elevational view of a crutch constructed in accordance with the invention.

Figure 2 is an elevational view of one edge of the crutch.

Figure 3 is a rear elevational view of the crutch.

Referring to the drawing in detail, the crutch includes a lower section 5 and an upper section 6, the upper section 6 including a lower member 7 provided with openings for the reception of the securing bolts 8.

These bolts 8 also pass through the elongated opening 9 of the upper section 6 so that the upper section may be adjusted with respect to the inner section to adapt the device for use by persons of various heights.

The sections 5 and 6 are pivotally connected, the connection being made by means of the bolt 10 which passes through the member 7 and an opening formed in the upper end of the member 5 as clearly shown by Figure 2 of the drawings.

Formed in the member 7 is an opening that is adapted to register with an opening formed in the lower section 5, when the sections are in their extended positions as shown by the drawing, there being provided a spring arm 11 supplied with a pin adapted to be extended through the registering openings to hold the sections against pivotal movement at their points of connection.

The reference character 12 indicates the knee rest which is supplied with an opening to accommodate the bolt 13 that passes through an elongated opening 14, there being provided a nut 15 on the bolt so that when the knee rest is adjusted within the opening 14, the same may be secured in its position of adjustment.

Thus it will be seen that when the device is secured to the leg of a person and the straps which are indicated at 16 and 17 respectively, are strapped around the body, the person may by pulling the pin carried by arm 11 from its openings, bend forwardly, the sections pivoting with respect to each other, thereby eliminating the necessity of the person loosening the straps in order to lean over.

At the upper end of the crutch is the usual arm piece 18 adapted to fit under the arm of the user, relieving the leg of the entire weight of the body while the crutch is in use.

I claim:

A crutch including a lower member and an upper member, the upper member having one of its side surfaces cut away adjacent to the lower end thereof, the lower member having one of its side surfaces cut away adjacent to its upper end, the cut away portions of the members being pivotally secured together, one of the cut away portions having an opening, the other cut away portion having an opening adapted to register with the first mentioned opening, a spring pressed finger supported on the lower section, said finger adapted to extend through the aligning openings of the upper and lower sections to hold the sections in their position of alignment, and means for securing the crutch to the leg of the user.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

GEORGE SCHEIHING.