June 19, 1945. G. D. JONES 2,378,486

KNEE REST FOR CRUTCHES

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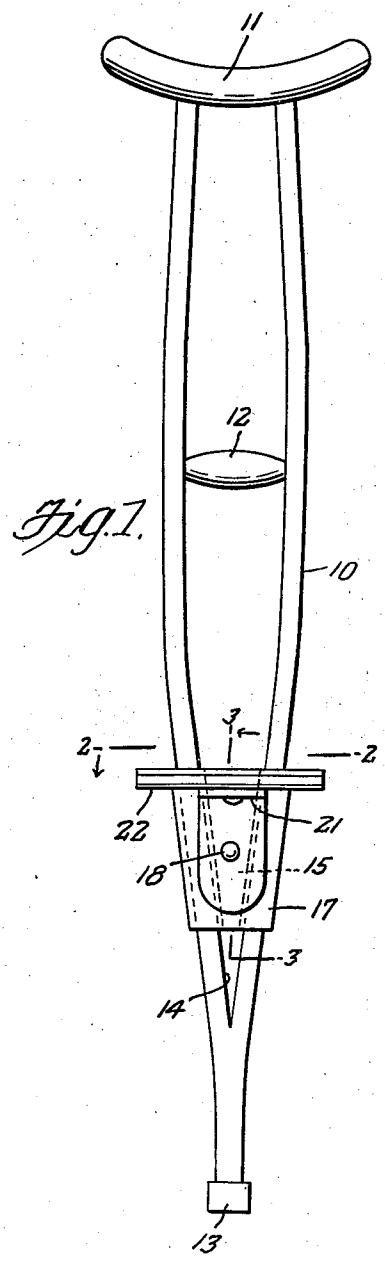


Fig. 1.

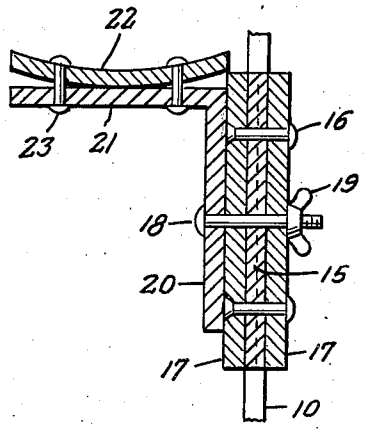


Fig. 3.

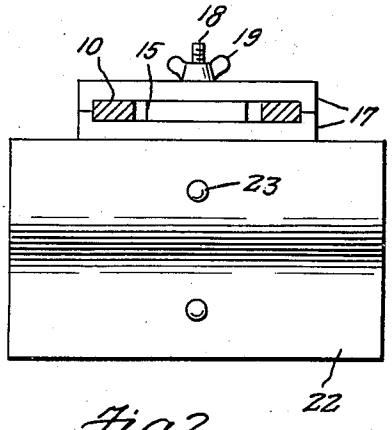


Fig. 2.

Inventor

George Dewey Jones

By Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

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KNEE REST FOR CRUTCHES

George Dewey Jones, Skelton, W. Va.

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3 Claims. (Cl. 135—49)

This invention relates to knee rests for crutches.

A primary object of this invention is the provision of an improved knee rest for crutches particularly adapted for use of the user in resting the leg or foot without the necessity for relinquishing the crutch, sitting, or the like.

An additional object of this invention is the provision of such a device which may be readily adjusted to a height comfortable to the user thereof.

Other objects reside in the provision of such a device which will be sturdy and durable in construction, reliable and efficient in operation and relatively inexpensive and simple to manufacture, install and adjust.

Other objects will in part be obvious and in part be pointed out as the description of the invention proceeds and shown in the accompanying drawing, wherein there is disclosed a preferred embodiment of this inventive concept.

In the drawing:

Figure 1 is a side elevational view of one form of device embodying this invention shown as applied to a crutch.

Figure 2 is a sectional view taken substantially along the line 2—2 of Figure 1, and

Figure 3 is a sectional view taken substantially along the line 3—3 of Figure 1 as viewed in the direction indicated by the arrows.

Like reference numerals refer to like parts throughout the several views of the drawing.

Having reference now to the drawing, there is shown at 10 a conventional crutch comprised of the customary shoulder rest 11, hand grip 12, foot portion and ferrule 13, and crotch 14.

Adapted to be positioned within the crotch 14 is a member 15 of generally wedge-shaped configuration, to the opposite sides of which are adapted to be secured, as by rivets 16 channel-shaped members 17, the outer portions of the channel members being adapted to overlie the sides of the crutch. Secured to one of channel members 17 as by a bolt 18 provided with a wing nut 19 is an angle iron 20, secured to the extending portion 21 of which is a curved knee pad 22, the securing means taking the form of rivets 23 or the like, and the pad 22 being so arranged as to provide a comfortable supporting surface for the knee of the user.

From the foregoing it will now be readily understood that by release of the wing nut 19 the device may be moved upwardly or downwardly within the crotch 14 in such a manner as to provide maximum comfort to the user thereof, and secured in position merely by tightening the wing nut 19 on the bolt 18.

Thus it will be seen that there is herein provided a device accomplishing all the objects of this invention and others including many advantages of great practical utility and commercial importance.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

I claim:

1. In a knee rest for crutches, the combination of a wedge-shaped member adapted to be positioned in the crotch of a crutch, channel irons secured to opposite sides of said member and surrounding said crutch, an angle iron secured to one of said channel irons, and a knee pad secured to said angle iron.

2. In a knee rest for crutches, the combination of a wedge-shaped member adapted to be positioned in the crotch of a crutch, channel irons secured to opposite sides of said member and surrounding said crutch, an angle iron secured to one of said channel irons, a knee pad secured to said angle iron, and means for releasably clamping said channel irons about said crutch to secure said pad adjustably in position.

3. In a knee rest for crutches, the combination of a wedge-shaped member adapted to be positioned in the crotch of a crutch, channel irons secured to opposite sides of said member and surrounding said crutch, an angle iron secured to one of said channel irons, a knee pad secured to said angle iron, and means for releasably clamping said channel irons about said crutch to secure said pad adjustably in position, said means including a bolt passed through said channel irons and said wedge-shaped member, and a wing nut on said bolt.

GEORGE DEWEY JONES.