

[54] KNEE ALIGNING INSTRUMENT

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[57] ABSTRACT

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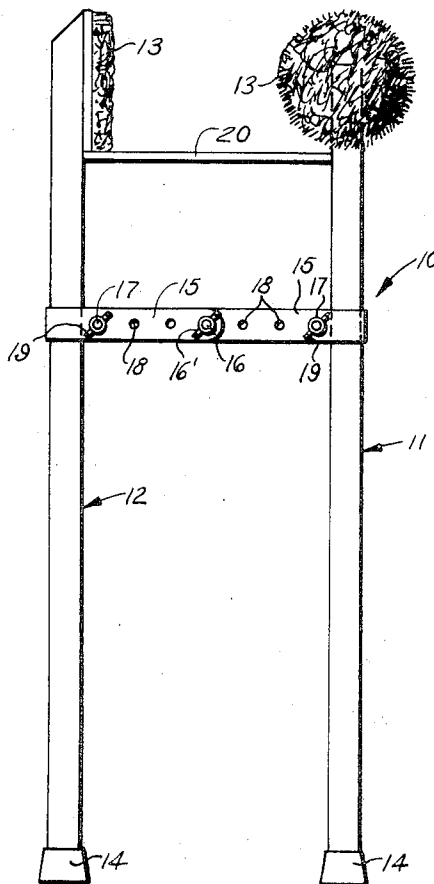
[58] Field of Search..... 128/69, 82, 83, 80 C

A device for aligning one's knee when it is locked in a cocked position. This device consists primarily of a pair of spaced apart rods with handle portions, the rods being secured together by pivotal cross bars which are adjustable by means of bolt and nut fasteners, the ends of the rods having pad portions for comfort when the device is placed in use.

[56] References Cited  
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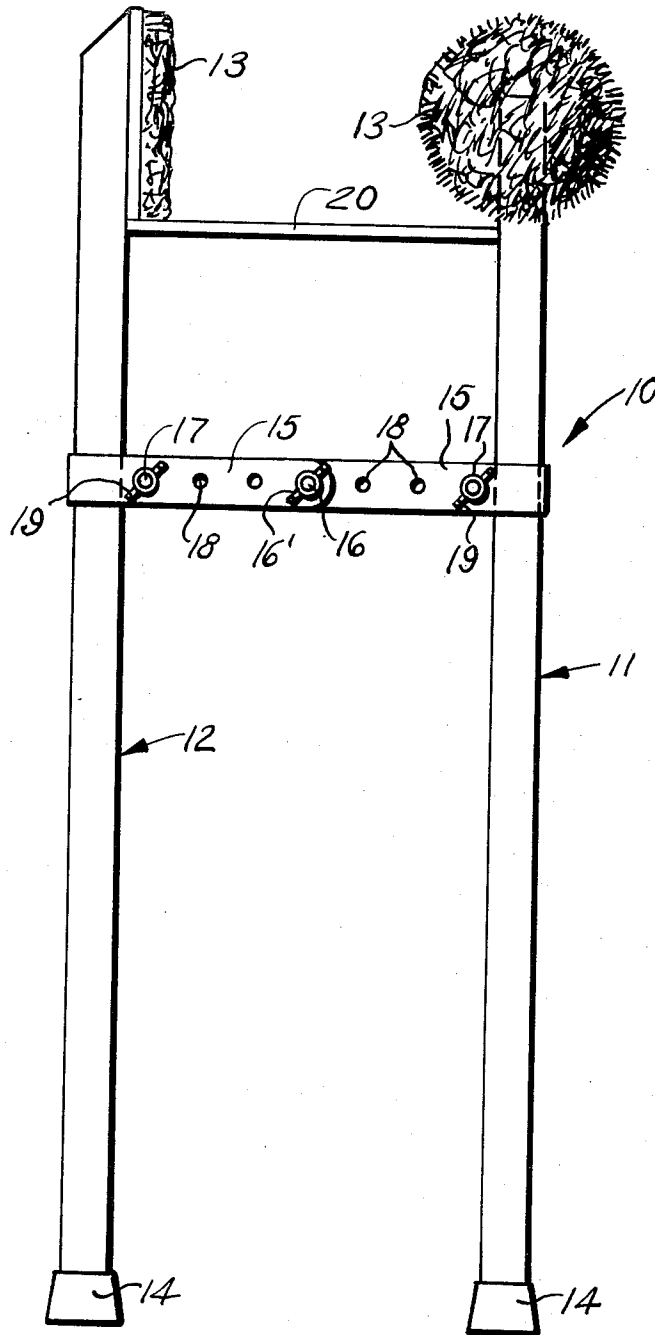
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4 Claims, 1 Drawing Figure



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**KNEE ALIGNING INSTRUMENT**

This invention relates to medical instruments, and more particularly to a knee alignment instrument.

It is therefore the primary purpose of this invention, to provide a knee alignment instrument which when used, will align the knee of a person when it is locked in a cocked position.

Another object of this invention is to provide a knee aligning instrument which will apply pressure that will enable the bone to trigger itself back into place thus enabling one to walk without having to hobble.

A further object of this invention is to provide an instrument of the type described which maybe used without having the distressed person to undress for the application thereof.

A still further object of this invention is to provide an instrument of the type described which will have pivotable cross bar members that will be adjustable by bolt and nut fastener means and one end of the rods of the instrument would include pad means for providing comfort when the device is being used.

Other objects of the present invention are to provide a knee aligning instrument which is simple in design, inexpensive to manufacture, rugged in construction, easy to use and efficient in operation.

These and other objects will be readily evident upon a study of the following specification and the accompanying drawing wherein:

In the drawing, the FIGURE is a front view of the device.

According to this invention, a knee aligning instrument 10 is shown to include spaced apart rods 11 and 12, one end of which has secured to it, a protective pad 13 and the opposite ends of rods 11 and 12 are provided with handle portions 14 for manipulating instrument 10. A pair of cross bars 15 provide a means of securing rods 11 and 12 together by means of a bolt fastener 16 carried there through, the bolt fastener 16 receiving a wing nut fastener 16'. Rods 11 and 12 are held to each of the cross bars 15 by bolt fasteners 17 receiving wing nut fasteners 19 and spaced apart from cross bars 15 beneath the pad 13 portions, is a gauge

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In use, the pad portions 13 of rods 11 and 12 are placed with the knee between them and by manipulating the handle portion 14 of rods 11 and 12, the user will place pressure upon the knee to thus enable the bone to be triggered back into place. When an audible clash occurs, the leg will be straightened and the pain will be relieved which will enable the formerly distressed person to walk without hobbling.

What I now claim is:

1. A knee aligning instrument, comprising a pair of spaced apart rods, handle portions carried by said rods for manipulation thereof, pad portions carried by said rods for enabling one end of said rod portions to be placed against the knee so as to apply pressure thereto to enable the bone to be triggered back into place, a pair of cross bars carried by said rods with bolt and nut fastener means for adjustment thereto, rod gauge means carried by said rods of said instrument for securing the pad portions of said rods together.

2. The combination according to claim 1, wherein said cross bars of said rods are secured at one end to said rods by bolt and wing fastener means and the opposite ends of said cross bars are pivotally carried together by means of a bolt fastener carried there through having a wing nut fastener to secure it in place and said gauge portion of said instrument is secured at each end, beneath said pad portion of said instrument.

3. The combination according to claim 2, wherein said cross bars provide pivot means for said rods so as to apply a mechanical advantage to the handle portions in order to apply pressure to the knee through said pads of said rods.

4. The combination according to claim 3, wherein said pad portions are fixedly secured to the ends opposite said handle portions of said rod and said pad portions serve as surface engaging means against the leg of the user, said gauge being secured beneath said pad portions and said rods are pivotable within the ends of said cross bars secured thereto.

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