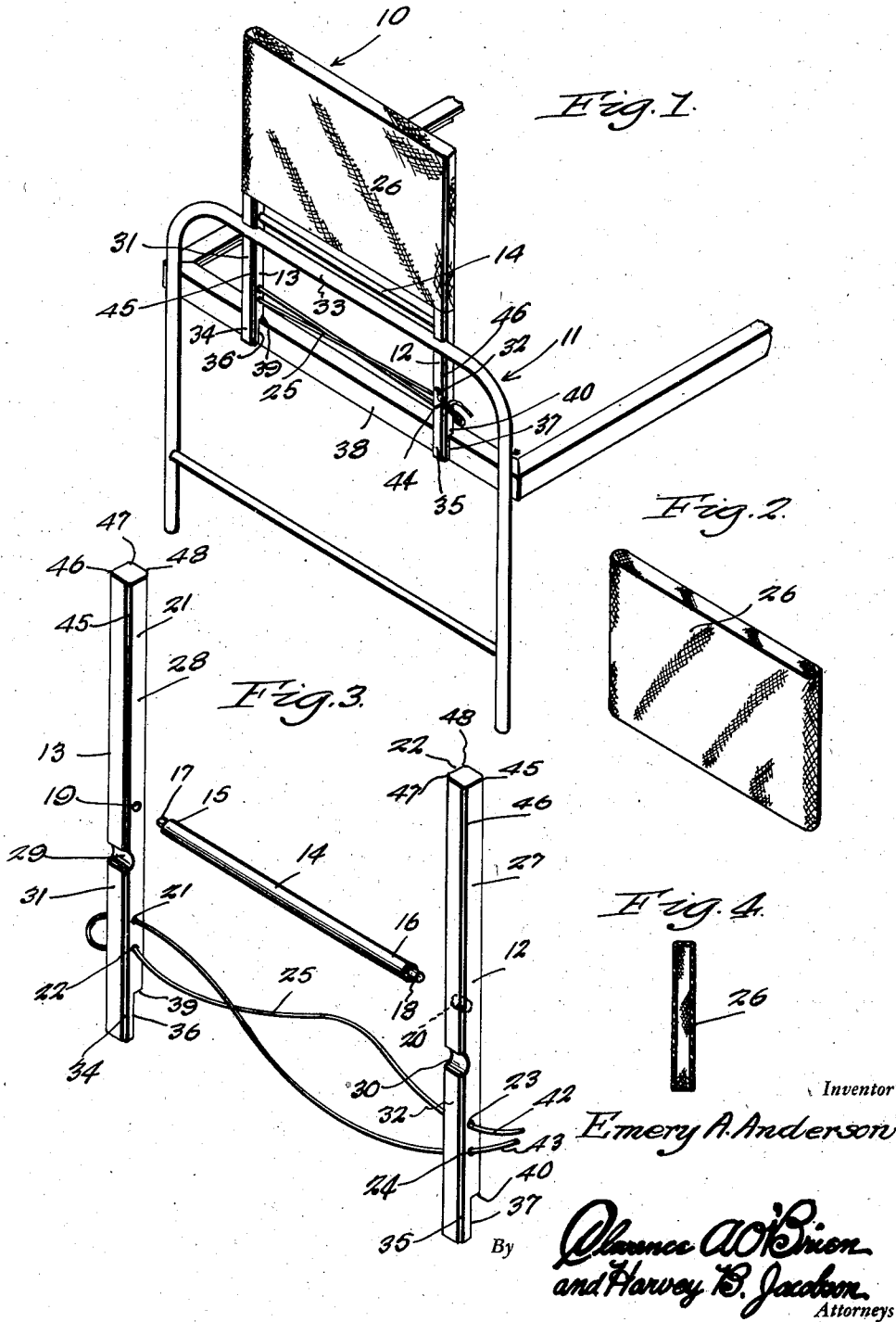


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KNOCKDOWN BACK REST
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KNOCKDOWN BACK REST

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2 Claims. (Cl. 5—327)

1

This invention relates to a back rest for attachment to a bedstead and has for an object to provide such a device which may be quickly knocked down and collapsed into a small space for transporting in a satchel or other case.

Another object of the invention is to provide a knock-down back rest which may be very quickly set up for use.

A further object of the invention is to provide a back rest, the members of which are secured in operative position by a slip or fabric back supporting case.

A still further object of the invention is to provide an extremely simple yet effective and comfortable back support formed of few separable and inexpensive parts for use of readers, invalids, or others who may lounge rather than lie flat upon a bed.

Other features and advantages will become more readily apparent from the following description and the accompanying illustrative drawings in which:

Figure 1 is a perspective view of my invention, shown in operative position.

Figure 2 is a perspective detail view of one member of my device.

Figure 3 is a perspective view of certain members of the device shown disassembled, and

Figure 4 is a vertical sectional view of Figure 2.

In the above enumerated drawings and in the following description of my back rest the same reference characters in each indicate the same parts wherever used and in which 10, indicates my knock-down back rest set up and in position for use upon a bedstead 11. This invention consists of a pair of upright bars 12 and 13, adapted to be held spaced apart by a round 14, the ends 15 and 16, of which are provided with reduced dowel pins 17 and 18, which in turn are adapted to frictionally seat in bores 19 and 20, in the facing sides 21 and 22, of said bars. While the dowels fit tightly into said bores, yet they are easily removable.

The bars 12 and 13, are also provided each with opposing spaced apart smaller bores 23 and 24, and 25 and 26, respectively, adjacent their lower ends through all of which latter bores a cord 27, is threaded for a purpose which will presently be stated.

I also provide a slip-on casing 28, formed of any suitable fabric or other material for the purpose and which is flexible but not elastic, the purpose of which is to slip over the upper ends 27 and 28, of the bars 12 and 13, and extend down to about the round 14. This slip forms the

2

double function of a back support and means for preventing the spreading apart of said upper end 27 and 28, of the bars when the device is assembled.

Below the bores 19 and 20, there is provided in each of said bars semi-cylindrical grooves 29 and 30, in the outer faces 31 and 32, of the bars which grooves are adapted to engage a rail 33, of a bedstead 11. The lower terminals 34 and 35, of the bars 12 and 13, are cut on their inner faces 36 and 37, as indicated clearly in Figure 3, of the drawings to engage the end rail 38, of the bedstead, the shoulders 39 and 40, formed by said cut-outs providing stops to prevent slipping down of the device.

The elements of the invention having now been set forth in detail, I will briefly state the manner of its use. First, the dowels 17 and 18, are placed in the bores 19 and 20, of the bars 12 and 13, then the case 28, is slipped on over the upper ends of the said bars, after which the cord 27, (which may at all times remain threaded through its bores) is drawn as tight as possible and its ends 42 and 43, tied. The device is set up for use and may be attached to the bed as indicated. As this back support is practically flat and requires very little space it may remain set up, except for transportation purposes and when space is to be considered in which case the knot 44, is untied, the round 14, removed and placed parallel with the bars, the case being used to wrap said members closely together and the cord used to tie the members in the knocked-down and collapsed condition. The corners 45, 46, 47 and 48, of the bars 12 and 13, are preferably chamfered in order to obviate cutting edges.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

Minor changes in shape, size and rearrangement of details and parts such as come within the purview of the invention claimed may be resorted to, in actual practice, if desired.

Having now described my invention, that which I claim as new and desire to procure by Letters Patent is:

1. In combination with a bed having a pair of vertically spaced horizontally disposed rails, a knock-down back-rest therefor including a pair of spaced vertically arranged frame members provided with aligned apertures formed transversely through their central portions and hav-

3

ing their lower ends notched to provide transversely aligned supporting shoulders engaging one of said rails, a round having reduced ends received in the aligned apertures, and providing shoulders engaging the sides of said frame members and forming fulcrums therefor, a flexible slip-on casing on the upper ends of said frame members, a draw cable secured to the lower ends of said frame members below said round for drawing in on said lower ends to cause the upper ends thereof to move outwardly to hold said slip-on casing in fixed position thereon, and transversely aligned bearing grooves in the rear edges of said frame members engaging the other of said rails for supporting the back-rest in operative position upon the bed.

2. In combination with a bed having a pair of vertically spaced horizontally disposed rails, a knock-down back-rest therefor including a pair of spaced vertically arranged frame members provided with aligned apertures formed transversely through their central portions, a round having reduced ends received in the aligned apertures, and providing shoulders engaging the sides of said frame members and forming fulcrums therefor, a flexible slip-on casing on the upper ends of said frame members, a draw cable secured to the lower ends of said frame members below said round for drawing in on said lower ends to

4

cause the upper ends thereof to move outwardly to hold said slip-on casing in fixed position thereon, transversely aligned bearing grooves in the rear edges of said frame members below said aligned apertures engaging one of said rails, and cut-out shoulders formed at the front of the lower ends of said frame members engaging the other of said rails, whereby said back-rest will be supported in operative position upon the bed.

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