Nov. 12, 1963 B. FORTIN 3,110,041

SECTIONAL FOLDING CAMP BED

Filed Feb. 1, 1960

FIG.1

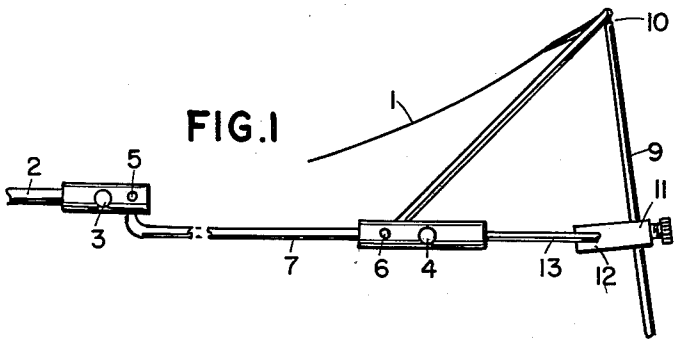


FIG.2

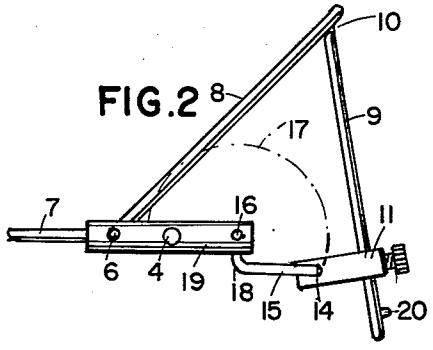


FIG.3

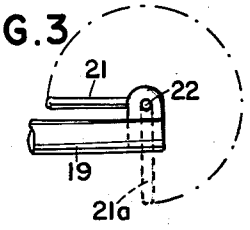
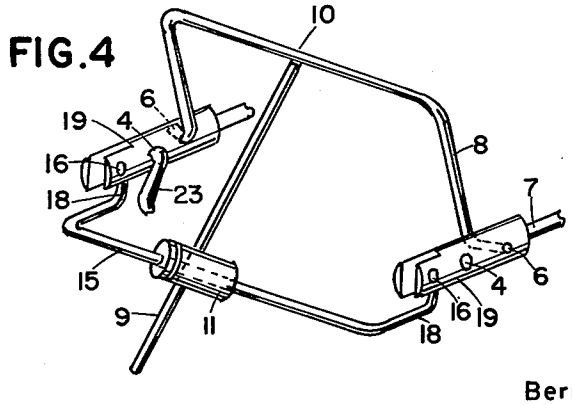


FIG.4



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3,110,041
Patented Nov. 12, 1963

3,110,041

SECTIONAL FOLDING CAMP BED

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Filed Feb. 1, 1960, Ser. No. 5,989
Claims priority, application France Feb. 3, 1959
2 Claims. (Cl. 5—112)

This invention relates to camp beds and particularly to such camp beds which can be folded up in order to take up less space when not in use, or which may be taken apart in order to make a small package to facilitate transportation.

The invention consists in such novel features, construction arrangements, combinations of parts and improvements as may be shown and described in connection with the device herein disclosed by way of example only and as illustrative of a preferred embodiment.

It is an object of the present invention to provide a camp bed which may be made of linen cloth, canvas or the like flexible or elastic material, the said linen being attached to a frame which generally has a rectangular shape. This rectangular frame has a center portion and an end portion at each end of said center portion, said end portions being hinged to said center portion. Usually the short sides of the rectangular frame parts are made of removable parts. The frame has removable legs which are hinged to it. This general arrangement permits folding of the bed over the center portion.

A further object of this invention is to provide at least one additional folding portion of the bed and to provide means for holding said additional portion at a variable slope.

Various further and more specific objects, features and advantages will clearly appear from the detailed description given below taken in connection with the accompanying drawing which forms part of this specification and illustrates merely by way of example one embodiment of the device of the invention.

In the following description and in the claims, parts will be identified by specific names for convenience, but such names are intended to be as generic in their application to similar parts as the art will permit. Like reference characters denote like parts in the several figures of the drawing.

In the drawing:

FIG. 1 is a partial side view of a camp bed according to this invention;

FIG. 2 is a partial side view of another embodiment of the object of this invention;

FIG. 3 is a side view of a detail part of the embodiment shown in FIG. 2; and

FIG. 4 is a partial view, in perspective, of the embodiment shown in FIG. 2.

Referring now in more detail to the drawing illustrating a preferred embodiment by which the invention may be realized, there is shown in FIG. 1 a linen cloth 1 of the camp bed attached to a frame, the center portion 2 of which is partially shown. The frame is supported by suitable legs (not shown in the drawing) which may be attached at 3 and 4.

The end portion of the bed, as shown in FIGS. 1 and 2, which may be the head end or the foot end thereof, is connected to the center portion 2 by a hinge 5. Said end portion has an additional foldable portion connected

to it by a hinge 6, said hinge holding the side parts 7 and 8 of the bed. Thus, the bed comprises four or five foldable portions instead of three. The additional foldable portion at either end of the bed can be set to a comfortable position by adjusting the side 8 of the frame of the bed relative to side 7. A rod 9 is hingedly attached in the center area 10 of the frame side 8. A guide 11 is hinged at 12 on an extension 13 of side 7 of the frame. Rod 9 is slidably arranged in guide 11 and may be locked therein in any position by conventional locking means. A variation of the suspension of guide 11 is shown in FIG. 2, wherein a further element 15 is shown to be hinged at 16 on a frame part 19, said guide 11 being hinged at 14 to element 15. Thus, element 15 can be swung inwardly describing an arc 17, whereby frame side 8 may be adjusted to a particular slope. Rod 9 has a stop 20 near the end thereof, to facilitate the folding operation of the hinged portions. Element 15 has a knee 18 so that it can be folded upon frame part 19, and furthermore, cannot drop further down, knee 18 acting as a stop in the slot of frame part 19, such as shown in FIGS. 2 and 4.

A further variation of the embodiment is shown in FIG. 3, wherein element 15 is replaced by a rod 21 hinged in a hinge 22 on part 19, rod 21 being stopped when it reaches the position 21*a*, as shown. Side 8 of the frame is arranged in such manner that it comes to rest on the legs 23 in the proximity of hinge point 4 thereof, when the camp bed is unfolded and ready for use.

While the invention has been described and illustrated with respect to certain preferred examples which give satisfactory results, it will be understood by those skilled in the art after understanding the principle of the invention, that various other changes and modifications may be made without departing from the spirit and scope of the invention, and it is intended therefore in the appended claims to cover all such changes and modifications.

What I claim is:

1. A sectional folding camp bed comprising a substantially rectangular frame adapted to secure bed linen applied to the bed, said frame comprising hinged parts whereby said frame may be folded into a plurality of portions, said hinged parts comprising an end part, a part adjacent to said end part and an extension of said adjacent part, and means for maintaining said end part of said frame at a desired slope in relation to said adjacent part of said frame, said means comprising a rod hinged on said end part of the frame and a guide hinged on said extension on said adjacent part, said rod being slidingly operable in said guide.

2. A sectional folding camp bed according to claim 1, wherein said extension is hinged to said adjacent part.

References Cited in the file of this patent

UNITED STATES PATENTS

2,337,955	Wright	Dec. 28, 1943
2,678,085	De Minno	May 11, 1954
2,708,276	Schloss et al.	May 17, 1955
2,710,758	Stettner	June 14, 1955
2,834,032	Scott	May 13, 1958

FOREIGN PATENTS

1,139,549	France	Feb. 11, 1957