No. 867,820. PATENTED OCT. 8, 1907.

A. C. HAMILTON.

EXTENSION BED.

APPLICATION FILED JAN. 14, 1907.

2 SHEETS—SHEET 1.

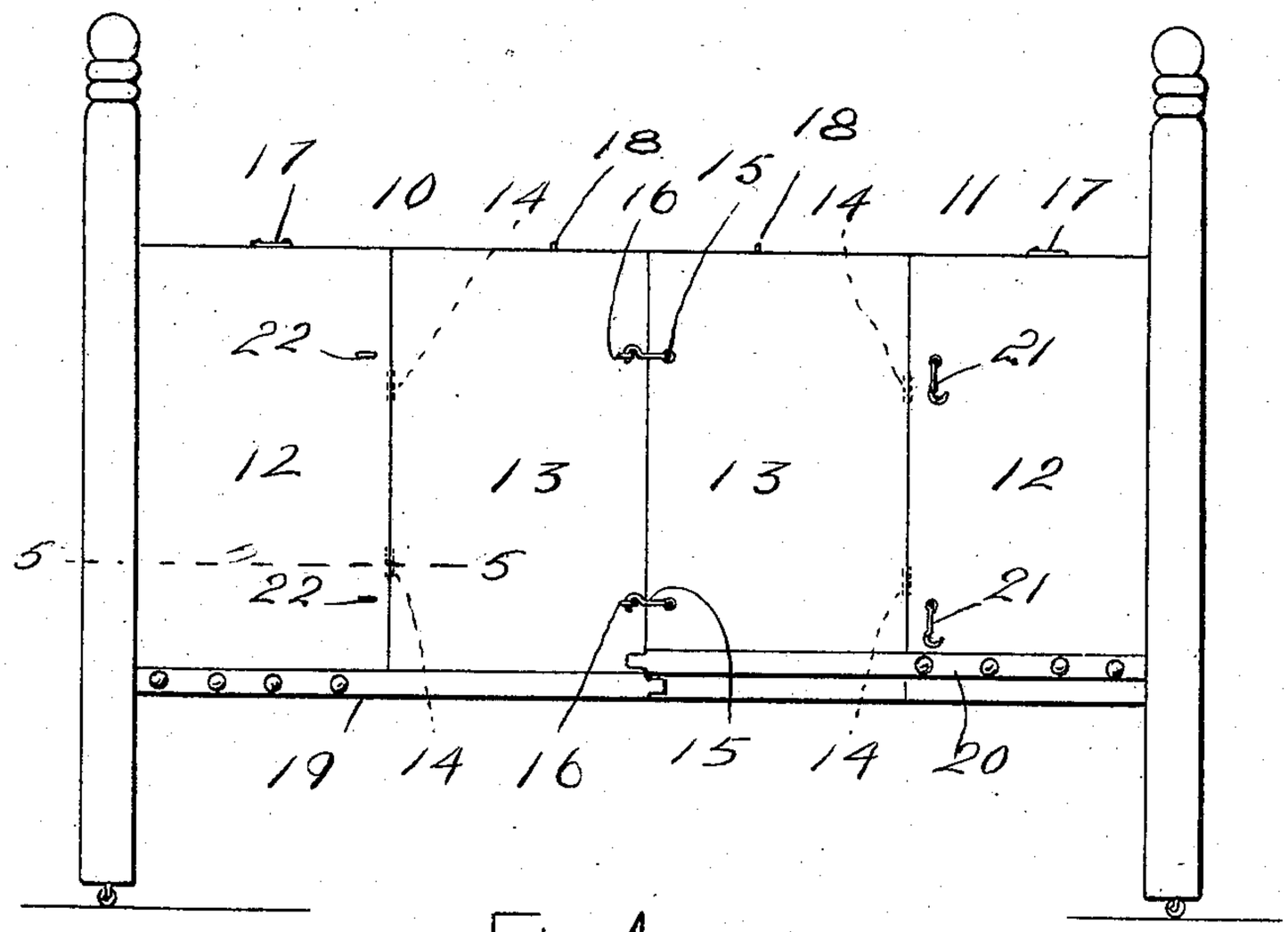

Fig. 1.

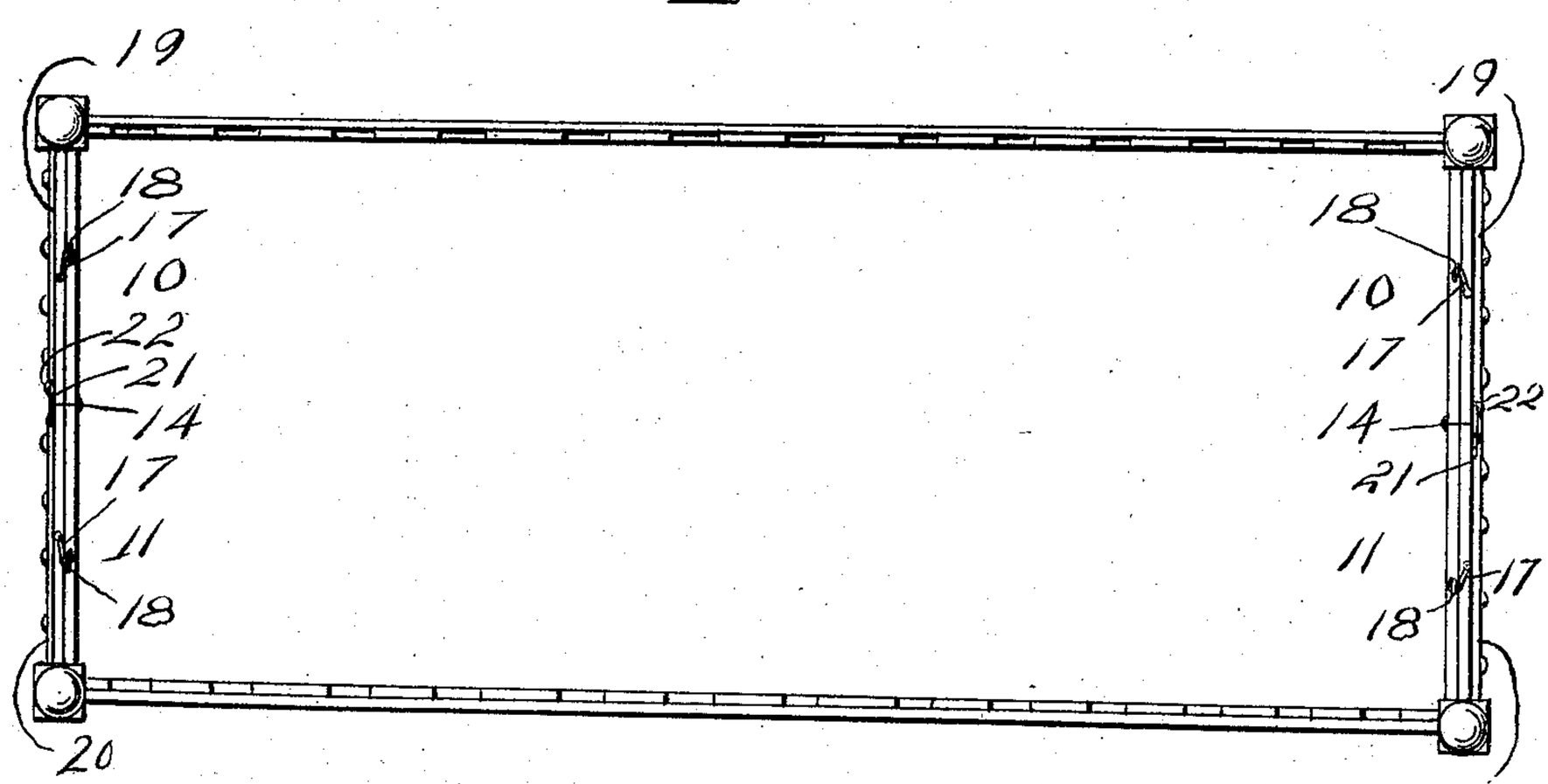

Fig. 2.

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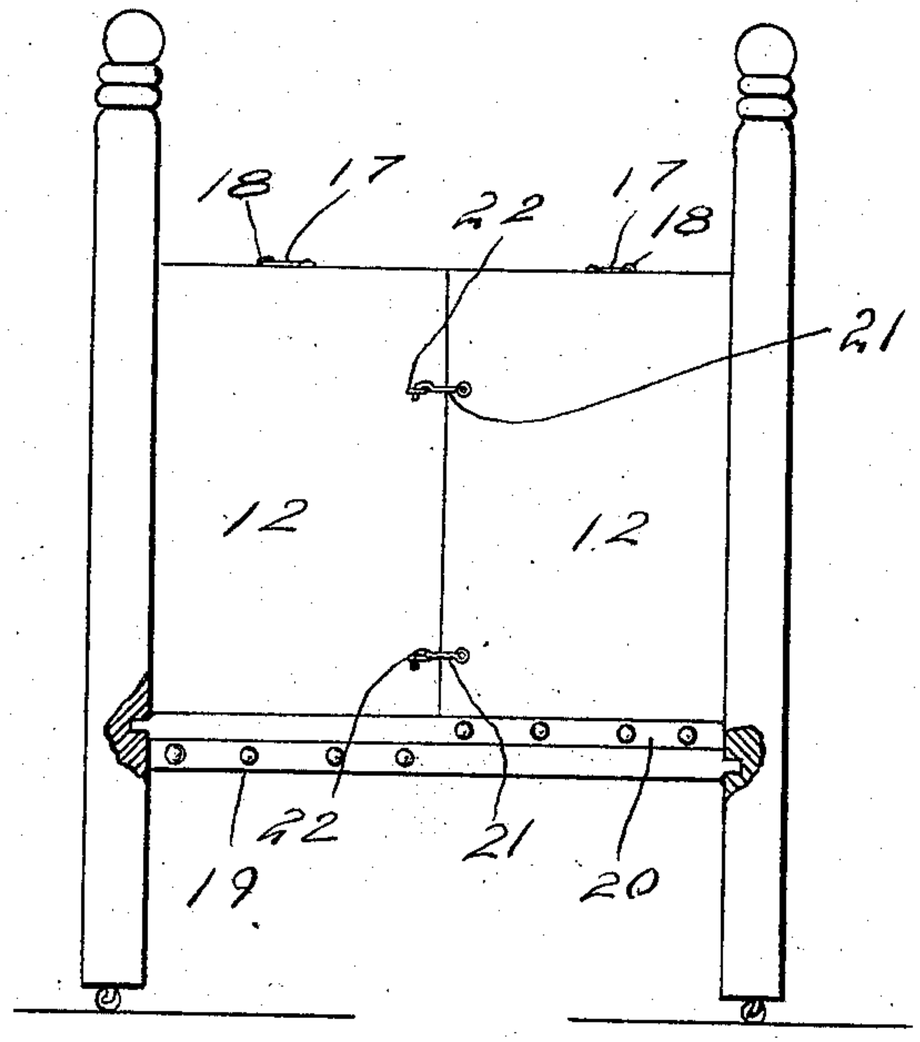
2 SHEETS—SHEET 2.

Fig. 3



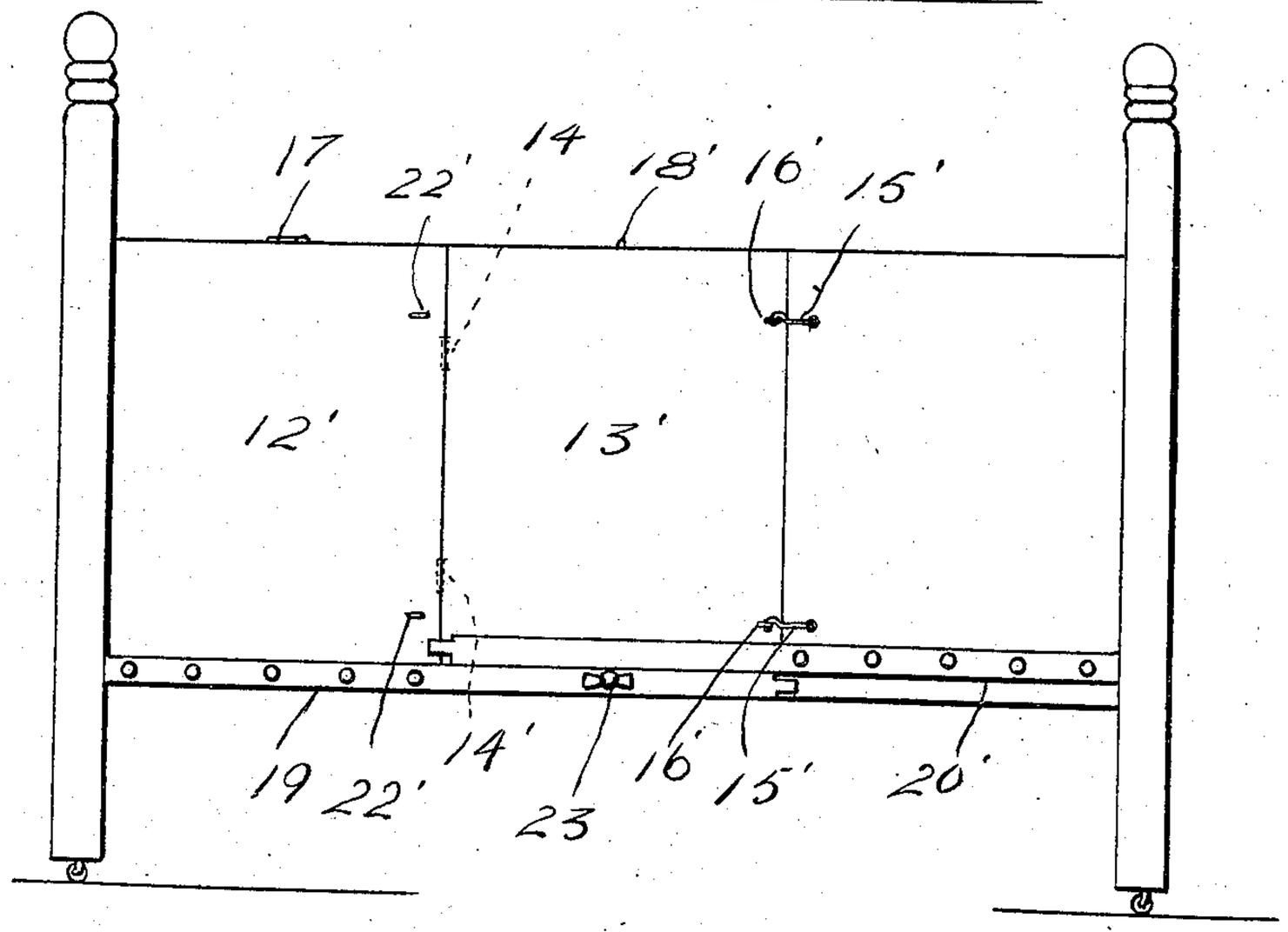


Fig. 4.

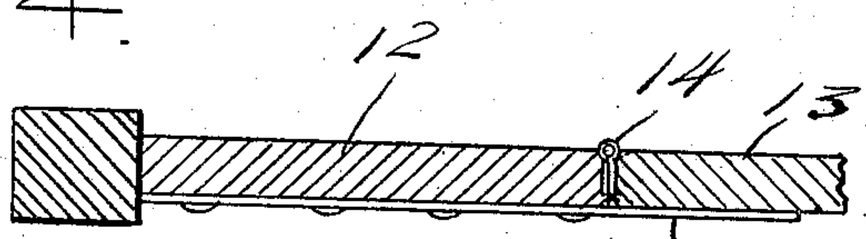


Fig. 5

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UNITED STATES PATENT OFFICE.

ANNA C. HAMILTON, OF BROWNSTOWN, INDIANA.

EXTENSION-BED.

No. 867,820. Specification of Letters Patent. Patented Oct. 8, 1907.

Application filed January 14, 1907. Serial No. 352,219.

To all whom it may concern:

Be it known that I, ANNA C. HAMILTON, a citizen of the United States, residing at Brownstown, in the county of Jackson, State of Indiana, have invented certain new and useful Improvements in Extension-Beds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in bedsteads, and more particularly to devices of that type which may be converted at will from a single to a double bed and vice versa.

The specific improvements consist in the formation of the head and foot boards in section detachably connected together, whereby, when the device is to be used as a single bed, the central sections may be folded back upon the corresponding end sections and secured thereto, while to convert the device from such condition into a double bed, it is only necessary to unfasten the central sections and swing them towards each other, when they may be secured together at their meeting edges.

The invention further consists in the construction, combination and arrangement of parts, all as hereinafter fully described, specifically claimed, and illustrated in the accompanying drawings, in which like parts are designated by corresponding reference numerals in the several views.

Of the said drawings, Figure 1 is a detail view in elevation of the foot board of a bedstead constructed in accordance with the present invention. Fig. 2 is a plan view of the complete bedstead, showing the position of the sections thereof when the device is used as a single bed. Fig. 3 is a detail view in elevation of the foot board, with its sections in the position shown in Fig. 2. Fig. 4 is a view similar to Fig. 1 showing a modified form of the invention. Fig. 5 is a sectional view taken on the line 5—5 of Fig. 1.

Referring to the drawings and more particular to Figs. 1 to 3 inclusive the head and foot boards of the bedstead are each shown as comprising two members 10 and 11 each of which includes a stationary panel or section 12 connected directly to the adjacent bed post or pillar, and a movable section 13 secured to the outer edge of the stationary section 12 by hinges 14.

When the bedstead is used as double, the movable sections are connected by means of a pair of swinging latches 15 secured to one of said sections and adapted to engage in eyes 16 secured to the opposite section. When in such position the members of the boards are further braced and held by means of metal strips 19 and 20 secured to the corresponding stationary sections 12 and extending at their free ends beyond the outer edge of the respective sections 13. It will thus be apparent that when the two members of the bedstead are moved toward each other, the strips 19 and 20 which are located one slightly above the other as shown, in Fig. 1 will serve as guide strips and enable the sections to be more exactly and quickly moved together. The projecting free ends of said strips will likewise extend slightly across the opposite movable section 13 and in this way further prevent the movable sections from swinging outwardly in the event of displacement of the latches 15 from the eyes 16.

When it is desired to make use of the bedstead as single, the movable sections 13 are swung backwardly against the inner face of the corresponding stationary sections 12 and are retained in such position by means of latches 17 and eyes 18 secured respectively to the stationary and movable sections. When in such position the stationary sections are directly connected with each other by means of latches 21 and eyes 22 similar to those already described. It will likewise be apparent that when the device is used as a single bed the strips 19 and 20 will act as guides and braces as above described the free ends of said strips fitting in sockets formed in the opposite bed-post.

In Figs. 4 and 5 a modified form of the invention is shown in which the movable sections of the members 11 are omitted, and the sections of the member 10 correspondingly increased in size, the movable section 13′ being connected directly with the member 12′ by means of the latches and eyes 15′ and 16′ in a manner similar to that already described, when the device is to be used as a double bed. When, however, a single bed is to be used, the section 13′ is swung backwardly on its hinges 14′ against the inner face of the member 12′ to which it is connected and secured in such position by the latches 17′ which engage the eyes 18′ secured on said movable section.

In the modified form above referred to the sections 12′ are provided with the metal strips 19′ and 20′ similar to those already described having similar functions. The movable section 13′ may, if desired, be further braced by the provision of a bolt 23 fitting in registering openings through the said section and the strip 19′ towards the bolt, being provided with a wing-nut or other preferred means for retaining it in place. When the device shown in the modified construction is to be converted into a single bed, the stationary sections are directly connected by the latches 15′ and eyes 22′.

The fastening devices for securing the movable sections in place against the corresponding stationary sections are preferably disposed upon the upper faces thereof, and it will be understood that while such fastening means have been shown and described as including eyes and latches, any other preferred form of fastening devices may be used, and various other slight modifications and changes in the minor details of the invention may be made, as the invention is not limited to the exact construction shown and described.

It is to be understood that two sets of bed slats are

necessary, one being used when the device is made use of as a single bed and the other when it is converted into a double bed.

What is claimed is:—

1. An extension bedstead comprising a head-board, a foot-board and connected side rails, the head-board and foot-board each comprising two fixed sections each having a swinging section hinged thereto and movable into and out of the plane of the fixed section, and means for holding the swinging sections together when in the planes of their respective fixed sections.

2. An extension bedstead comprising two-part head and foot boards; a swinging section secured to one member of each board and adapted to be folded back upon said member when the bedstead is to be used as single, and to be connected with the opposite member of the corresponding board when the bedstead is to be used as double, and means for holding said swinging section in each of said positions.

3. An extension bedstead comprising two-part head and foot boards, one member of each of said boards having a swinging section hingedly connected therewith, said section being adapted to be folded back upon said member when the bedstead is to be used as single, and to be connected with the opposite member of the corresponding board when the bedstead is to be used double, means for holding said swinging section in each of said positions, means for directly connecting together the corresponding members of said boards when the bedstead is used as single, and guide strips secured to the outer face of each member of said boards and extending beyond the outer side edge thereof, for coöperation with each other in retaining the corresponding members in position.

4. An extension bedstead comprising two-part head and foot boards each consisting of a stationary section and a movable section hingedly connected thereto, said movable section being adapted to be connected together when the bedstead is to be used as double, and to be folded back upon the corresponding stationary sections when the bedstead is to be used as single, means for securing said movable sections in each of said positions, and means for directly connecting together the corresponding stationary sections when the bedstead is to be used as single.

In testimony whereof, I affix my signature, in presence of two witnesses.

ANNA C. HAMILTON.

Witnesses:
WALTER FELLOWS,
JOHN W. BROWN.