(No Model.) 2 Sheets—Sheet 1.

V. A. MENUEZ.

FOLDING BEDSTEAD.

No. 277,501. Patented May 15, 1883.

Fig. 1.

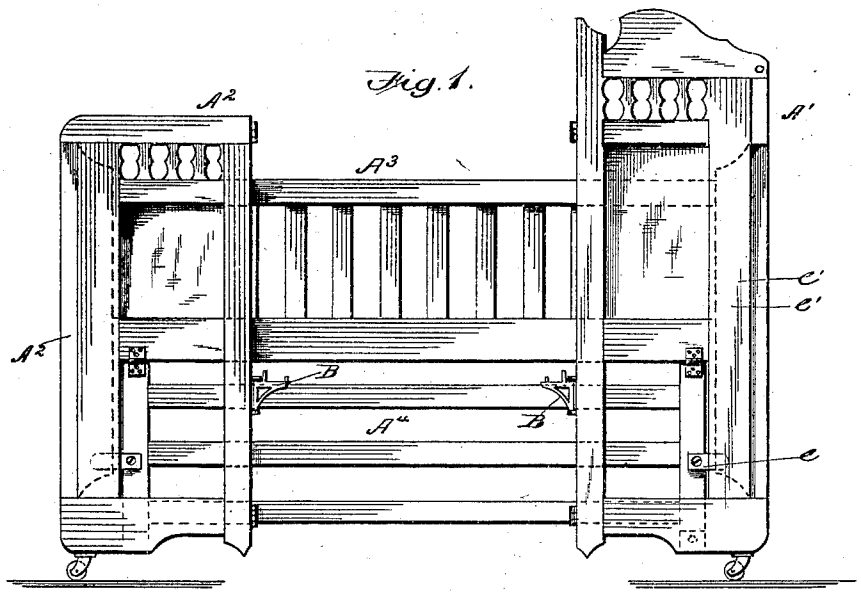


Fig. 2.

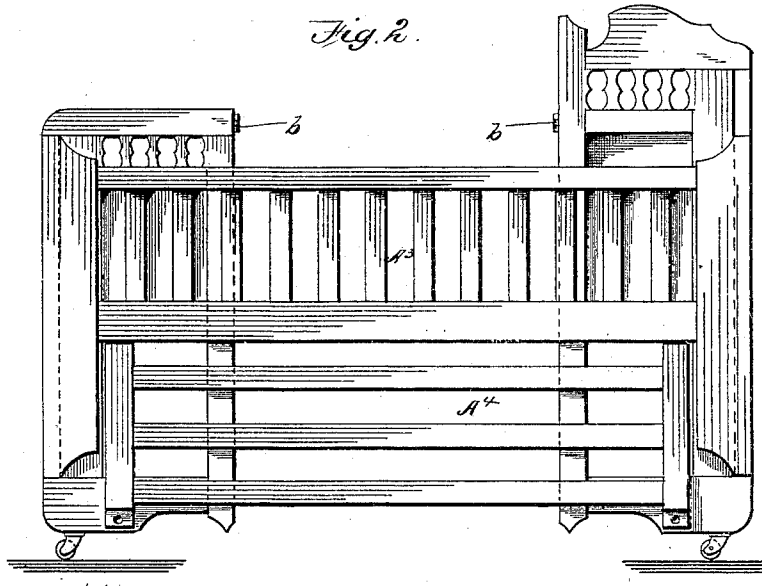
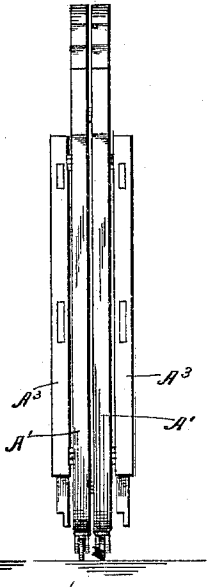


Fig. 3.



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(No Model.)

2 Sheets—Sheet 2.

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Fig. 4

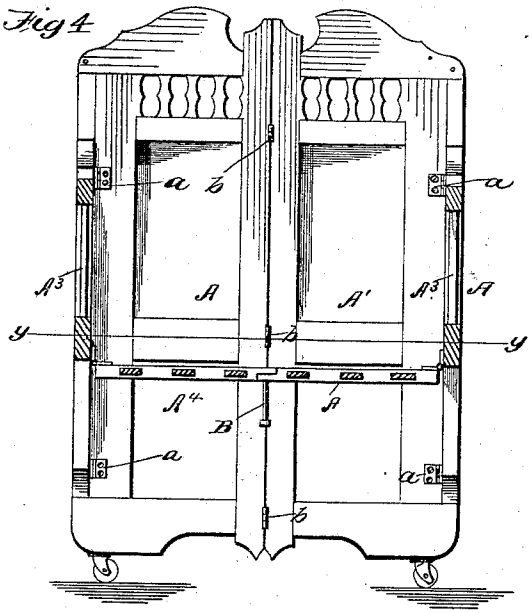


Fig. 6.

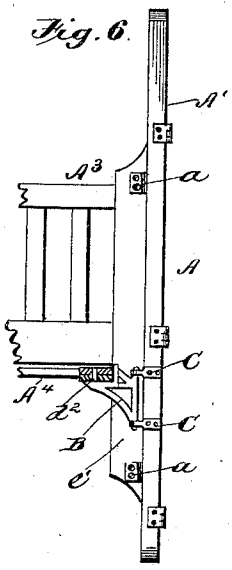


Fig. 5.

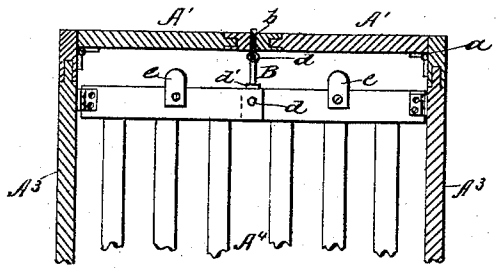


Fig. 7.

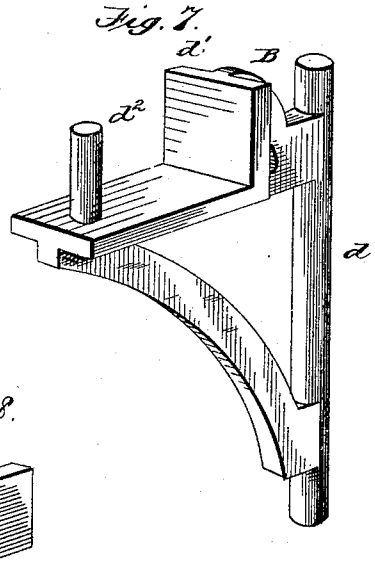


Fig. 9.

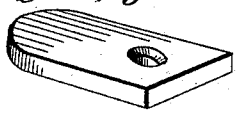


Fig. 8.

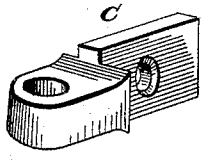
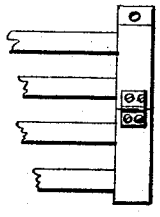


Fig. 10.



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UNITED STATES PATENT OFFICE.

VINCENT A. MENUEZ, OF MICHIGAN CITY, INDIANA.

FOLDING BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 277,501, dated May 15, 1883.

Application filed March 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, VINCENT A. MENUEZ, a citizen of the United States, residing at Michigan City, in the county of La Porte and State of Indiana, have invented certain new and useful Improvements in Folding Bedsteads; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention pertains to improvements in folding beds, having for its object to facilitate the putting up and taking down the beds, and to enable the firm securing thereof when put up, and the compact folding and shipment of the same; and it consists in the combination and arrangement of parts, substantially as hereinafter more fully set forth and claimed.

In the accompanying drawings, Figures 1 and 2 are views taken from opposite sides of one-half of the bed in a folded position. Fig. 3 is an end elevation of my bed, also in a folded position. Fig. 4 is a transverse section thereof. Fig. 5 is a section taken on the line *y y* of Fig. 4, portions of bed being broken away. Figs. 6, 7, 8, and 9 are detail views of my bed. Fig. 10 is a perspective view of a modification of my bed-bottom.

In the organization of my bed I make it in two longitudinal sections or halves, A A, and mount it preferably on casters. Each bed-section consists of a half head-board, A', and a half foot-board, A^2, and a side piece, A^3, to which the former are hinged, as at *a a*, at their upper and lower ends, so as to permit a half head and a half foot board or piece to fold against each side piece of the bed. The half foot and half head boards are hinged together, as at *b b*, so as to fold inwardly upon or against each other, as seen in Fig. 3, the folding of the side portions against said half head and half foot boards being also shown in this figure. Each bed-section or half consists, further, of a half slat-bottom, A^4, hinged at its outer side edges to a side rail of each side portion, A^3, so as to fold downward against its side portion. The inner or meeting edges of the half slat-bottoms A^4 are each reduced half its thickness to enable them to lap each other with their upper and lower surfaces ranging in line with each other, as seen in Fig. 4.

B B are swinging brackets having an approximate crane shape, one of which has its pintle *d* pivoted in an eye or socket plate, C, fastened to one of the meeting edges of each half foot-board and each half head-board to adapt it to swing under and support the slat bed-bottom, or to swing around out of the way of the half slat-bottom when folded. The brackets are provided each with an upper flat surface and a flange, d', and with a pin, d^2, projecting upward from said flat surface, the function of which is to securely connect together the half-bottom through coincident apertures in the lapping surfaces of the latter, as seen in Figs. 5 and 6. The flanges of the brackets are of a greater height somewhat than the pins, and brace the ends of the half-bottoms, against which they fit. The half-bottoms are provided at their ends with stops or projecting plates *e*, that strike or rest against the inwardly-projecting pieces or cleats, e', of the half head and half foot boards when they are folded or hang downward to prevent them swinging outward, in which event the hinges would be liable to be broken. The bed may be provided with "falling" sides; or, rather, the side portions themselves may be made in two longitudinal sections, the upper or larger section being hinged to the lower section at its lower edge, so as to permit it to fold downward against the outside of the lower section, said upper section being also provided with hooks or fastenings engaging with catches or eyes on the head and foot boards.

In instances where a wide bed is desired it frequently occurs that the bottom is made of such a width as not to fold under the rail and between the legs of the head and foot boards. Consequently the said legs have to be made longer to adapt said bottom to fold as described, thus making the bed too high and giving it an odd appearance. To obviate this difficulty I make each of the half-bottoms in two parts and hinge them together, as shown in Fig. 10 of the drawings, thereby securing a neat and compactly folding double bottom. The

sections may be secured together by any suitable catch when desired to fold the bed.

The falling sides may be made with banisters, panels, slats, or spindles, or in any other fanciful manner or design.

The bed may be made in a plain or ornamental style, according to the taste and the price they are to command in the market.

Having thus described my invention, I claim and desire to secure by Letters Patent—

1. In a bed, the combination, with the head and foot boards or pieces and the bottom, of the brackets having pins upon their upper surface, adapted to enter the bottom, substantially as and for the purpose set forth.

2. In a folding bed, the combination, with the head and foot boards and bottom, of the swinging brackets or cranes, each having a pin or projection and an upwardly-projecting flange on its upper surface, substantially as and for the purpose set forth.

3. In a folding bed, the downwardly-folding half-bottoms provided at their ends with projections or plates striking or resting against cleats of the head and foot boards to prevent the liability of the breaking of the hinges, substantially as described.

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

VINCENT A. MENUEZ.

Witnesses:
J. T. HOPKINS,
H. B. TUTHILL.