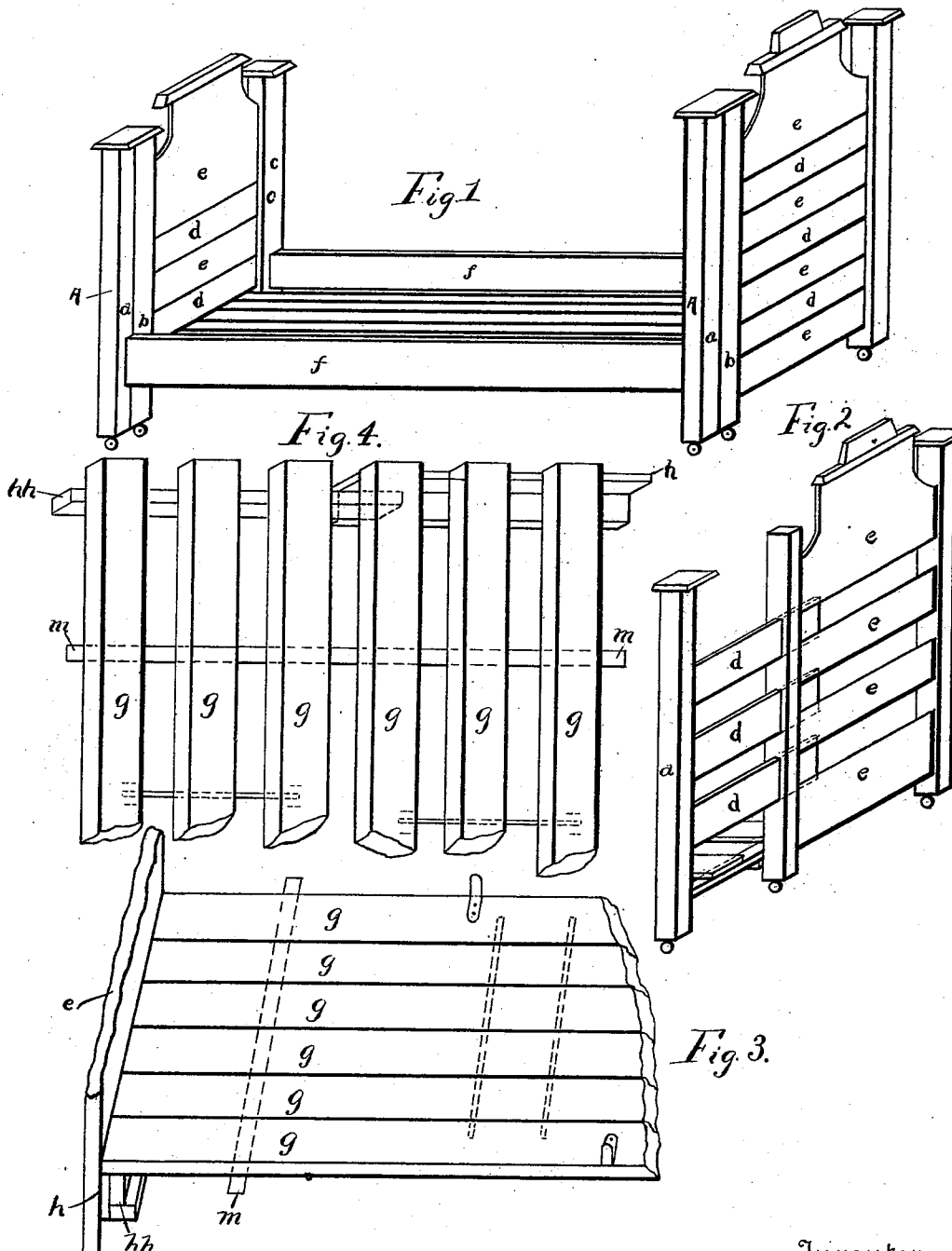


(No Model.)

A. BELDIN.
EXTENSION BED.

No. 539,567.

Patented May 21, 1895.



Witnesses
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UNITED STATES PATENT OFFICE,

ADALINE BELDIN, OF BINGHAMTON, NEW YORK.

EXTENSION-BED.

SPECIFICATION forming part of Letters Patent No. 539,567, dated May 21, 1895.

Application filed November 13, 1893. Serial No. 490,763. (No model.)

To all whom it may concern:

Be it known that I, ADALINE BELDIN, a citizen of the United States, residing at Binghamton, in the county of Broome and State of New York, have invented certain new and useful Improvements in Extension-Beds; and I do hereby declare that the following specification is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part thereof.

My invention relates to improvements in extension beds; and the object of my invention is to provide a single bed, or a bed to accommodate one person, which when occasion necessitates, can be readily changed into a comfortable and complete double bed, or bed to accommodate two or more persons. I attain this object by means of the device or mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the bed, showing it contracted into a single bed. Fig. 2 is a perspective view of the head of the bed, showing it extended or drawn out to form a double bed. Fig. 3 is a perspective view of the slats and springs, showing them as contracted into a single bed. Fig. 4 is a perspective view of the slats and springs extended for a double bed.

In Fig. 1, (A,) represent the double posts (a) and (b), and (c), (c), represent the other two, single posts.

The letters (d) (d) (d) represent movable panels secured only to the posts (a) (a), and (e) (e) (e) are stationary panels fixed to the posts (b) and (c).

The letters (f) and (ff) are the side pieces of the bed, and (g) (g) (g) (g) are the slats on which rest the springs.

The panels (d) (d) (d) are made to slide into grooves formed into the top and bottom of the panels (e) (e) (e) (e), the ends of the panels (d) (d) (d) entering openings in the posts (c) (c). When the posts (a) (a) are drawn out from the posts (b) (b), the panels (d) (d) (d), which are secured to the posts (a) (a), are drawn through the posts (b) (b) to a suitable distance.

Secured by their ends to the posts (b) and (c) are the L shaped cleat (h) and into which slide the cleats (h h) one end of which is secured to the post (a). Upon the top of these cleats (h) and (h h), rest movably the ends

of the slats (g). In Fig. 3, these slats are shown resting on the cleats and drawn closely together as for use when the bed is in use for a single bed.

The letter (m) represents a leather or metal strap or chain secured to each slat in such a manner as to allow the slats to be pulled apart the distance of one slat, as shown in Fig. 4, in which the slats are extended for use in the double bed. These straps or chains are secured at their ends to the outermost slats, and these outermost slats are secured to the side pieces (f) (ff) in any suitable manner; though I secure them with small angle braces screwed to both slats and sides.

The letter (n) represents a metal rod secured at one end to the outermost slat and sliding through eyes in the next two slats, as a guide and support in extending and closing the bed.

On the slats (g) are fixed the springs (o) and secured to each other by the chains (p).

The posts of the bed are furnished with casters, and when the posts (a) or the side (ff) is pulled, the panels (d) and the cleats (h h) slide out, and the slats (g) are drawn out or extended by the straps (m); thus making a complete double bed out of a single one.

A double folded mattress can be used on the single bed, and is simply unfolded when the bed is extended.

What I claim as my invention, and desire to secure Letters Patent for, is—

In a bed of the class described, the combination of a head-board comprising uprights, and cross-bars separated by interspaces, said boards having grooves in their adjacent edges, openings leading to said interspaces, slidable cross-boards entering said openings and the grooves in the first named cross boards and having mutual connections, a similarly formed foot-board, a side rail connecting the uprights at one side, a side rail connecting the connections of the slidable boards, a series of longitudinal slats fixed against lateral movement between the uprights of the head and foot boards, supports fixed to the lowermost of the slidable boards, and a series of slats having collapsible connections with each other, with the adjacent fixed slat and with the adjacent side rail.

ADALINE BELDIN.

Witnesses:

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J. E. BOOKSTAVAR.