

R. H. ANDERSON.

RECESS BED.

APPLICATION FILED JUNE 17, 1910.

984,178.

Patented Feb. 14, 1911.

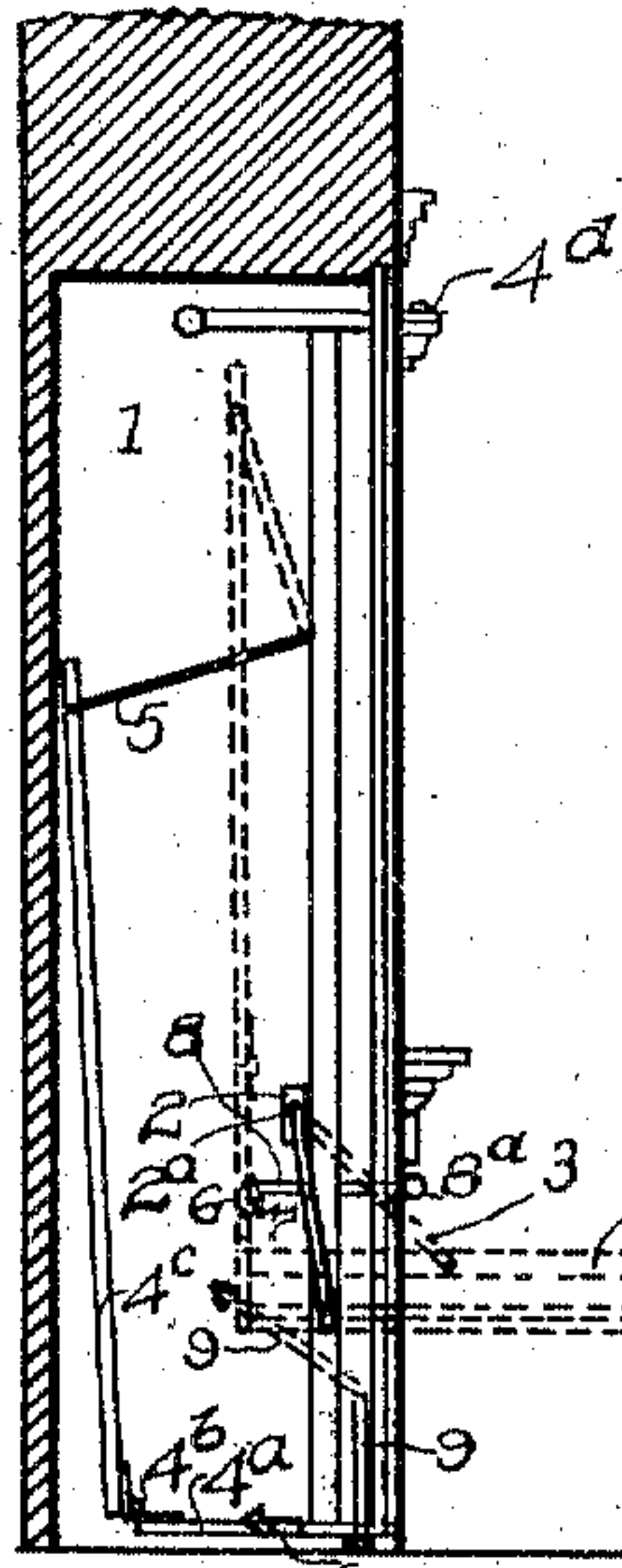


Fig. 1.<sup>6</sup>

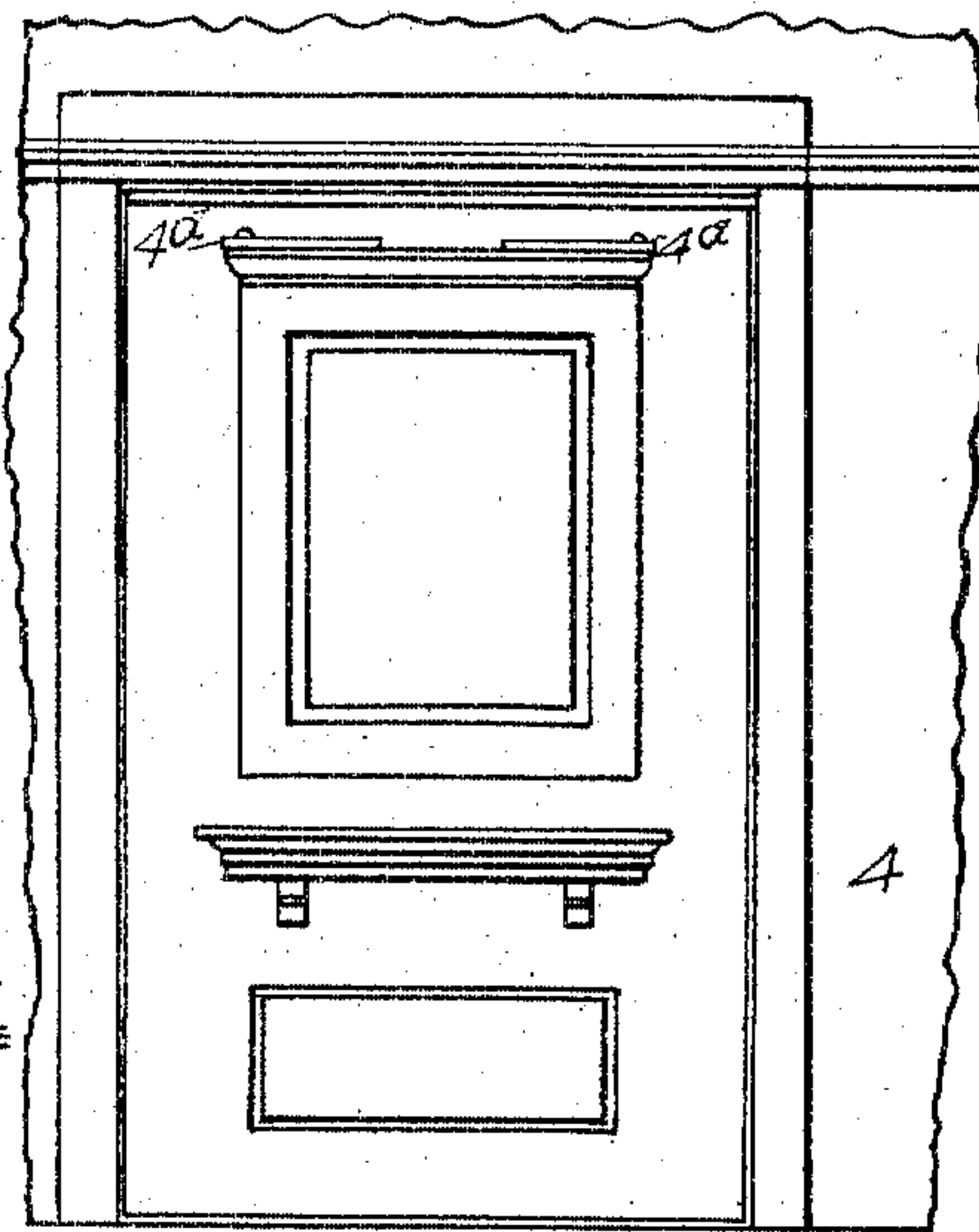


Fig. 2.

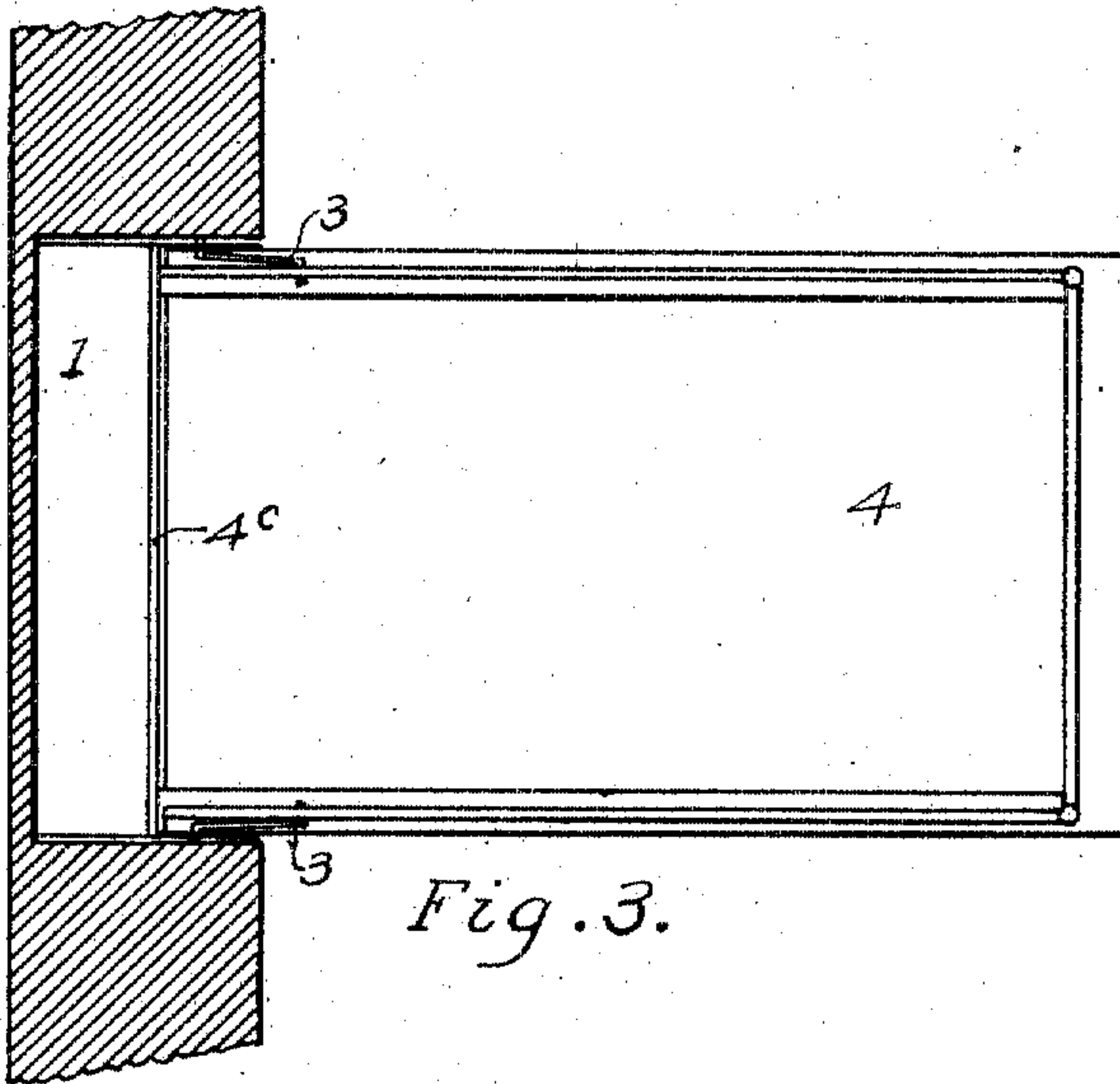
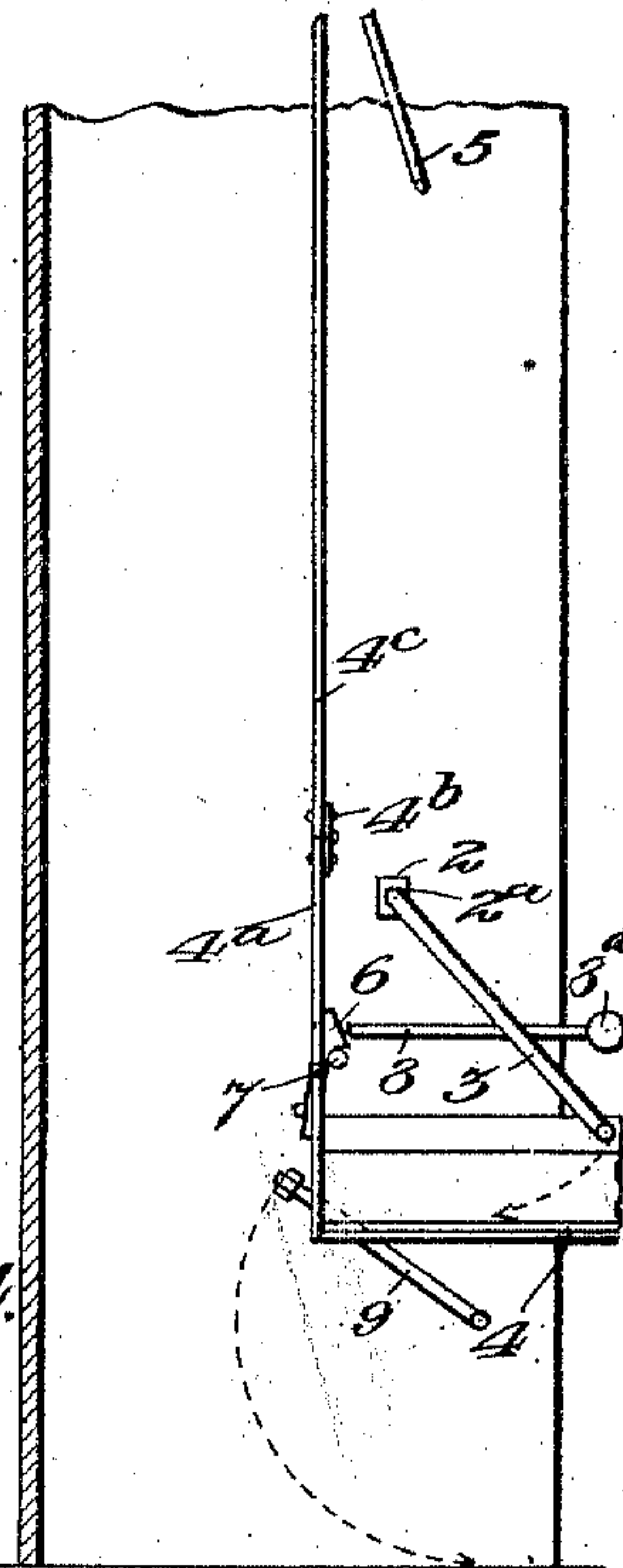


Fig. 3.



*Fig. 4.*

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# UNITED STATES PATENT OFFICE.

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## RECESS-BED.

984,178.

Specification of Letters Patent.

Patented Feb. 14, 1911.

Application filed June 17, 1910. Serial No. 567,399.

*To all whom it may concern:*

Be it known that I, ROBERT H. ANDERSON, a citizen of the United States, residing at San Diego, in the county of San Diego and State of California, have invented certain new and useful Improvements in Recess-Beds, of which the following is a specification.

My invention relates to a bed which is turned up into a closet or recess when not required for use, and which may be turned down out of the same, to form a bed when desired, and the objects are to produce a bed of very simple construction, easily and uniformly operated, which occupies a small space in the room when open, and which provides a full length bed with less than the ordinary height recess, and requires no counterweights. I accomplish these objects by means of the device described herein and illustrated in the accompanying drawings, in which:—

Figure 1 is a sectional view of the recess showing the bed closed in elevation and open by dotted lines, Fig. 2 is a front elevational view of said bed closed, Fig. 3 is a plan view thereof showing the side of the recess in section, and Fig. 4 is an enlarged detailed view showing the hook 6 and its connections and the hanger parts.

Similar characters of reference refer to similar parts throughout the several views.

Referring to the drawings, numeral 1 represents a recess which occupies a portion of the space in a wardrobe, or said recess may be placed in the wall of a room, in which side of said recess is provided a reinforcing plate 2, which is provided with a small hole 2<sup>a</sup> located centrally, into which is inserted the extended end of a rod 3. Said rod is bent at right angles near each of its ends, and the bends are in opposite directions, and said rod 3 extending downward, the other end is inserted in the sides of the bed frame 4. The head-board 4<sup>a</sup> of said bed frame 4 is provided on its top edge with hinges 4<sup>b</sup>, connecting head-board 4<sup>a</sup> with an extension 4<sup>c</sup>. The top end of said extension 4<sup>c</sup> is provided with rods 5, pivoted thereon. The other ends of said rods are pivoted in the sides of the recess which causes the extension to move inward with the opening of the bed. Said head-board 4<sup>a</sup> is also provided on one end thereof with a pivoted hook 6 which is adapted to engage with a pin 7 in the sides

of the recess when the head-board is in position with the bed open as shown by dotted lines in Fig. 1. When the hook 6 is thus engaged and in the position described, there is provided a push pin 8 adapted to engage with hook 6 above said pin 7. Said push pin 8 extends outward through the casing and is there provided with a knob 8<sup>a</sup>. This push pin is to be used for disengaging hook 6 from pin 7 by pressing on the knob 8<sup>a</sup>. Said head-board 4<sup>a</sup> is also provided at each end with a slot near its lower side through which protrude rods 9. The other ends of said rods are pivoted in the sides of said recess. Upon the extended end of each of said rods 9, and on the outside of said head-board are nuts adapted to be screwed on the ends of said rods for adjustment. These rods are for the purpose of holding the head of the bed in a certain relative position to the recess sides when the bed is being opened and closed. On the outside of frame 4 are provided supports 4<sup>a</sup> pivoted thereon for supporting the outer end of the bed when open.

It will be readily seen that this bed being pivoted as described and being adapted to swing inwardly and outwardly during the opening and closing of the bed, the center of gravity gradually changes thus causing the bed to be in balance, that the rods 9 will cause the bed to swing in a certain relative position to the recess and they may be adjusted so that the rods 5 will cause the extension of the head-board to close against the back side of the recess when the bed is open, that with hook 6 catching on pin 7 when the bed is open, it substantially fastens said bed until released by pressure on the knob 8<sup>a</sup>, that the bed swinging on said rods 3 allows the head-end of the bed to be next to the floor, and that the method by which it opens and closes allows a great deal longer bed to be used in the recess than if this method was not used.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. In a recess bed, the combination of supporting walls, supporting swinging rods pivoted at their upper ends to said walls, a bed frame pivoted to the lower end of said swinging rods, adjustable tension guide rods to restrict the inward swing of the head end of said bed when opening and closing, and a



head-board hinged to said frame and adapted to be retained in a vertical position on said frame, all substantially as set forth.

2. In a recess bed the combination with  
5 supporting walls, of a bed frame pivotally mounted in equilibrium upon swinging rods, a head-board with a hinged extension adapted to remain in a vertical position by means  
10 of guide rods pivotally attached to said extension and to said supporting walls in a vertical plane with said supporting rods, and tension guide rods pivotally attached to  
15 said supporting walls at one of their ends and projecting through slots in the head-board at their other ends, all substantially as set forth.

3. In a recess bed the combination of a casing, a bed frame mounted therein in

equilibrium and adapted to swing thereon, an extended head-board hinged thereon, 20 guide rods pivoted to said extended head-board and to said supporting walls in a vertical plane with the supporting pivots, other guide rods pivoted in said supporting walls and projecting through the head-board of  
25 said frame with adjusting nuts on their outer ends, means on the outer end of said frame for supporting it when in a horizontal position, all substantially as set forth.

In testimony whereof, I hereunto subscribe my name in the presence of two  
30 subscribing witnesses.

ROBERT H. ANDERSON.

Witnesses:

CHARLES E. EDWARDS,  
ELMER E. RODABAUGH.