

(No Model.)

M. MILES.  
ADJUSTABLE SEAT.

No. 331,991.

Patented Dec. 8, 1885.

Fig. 2.

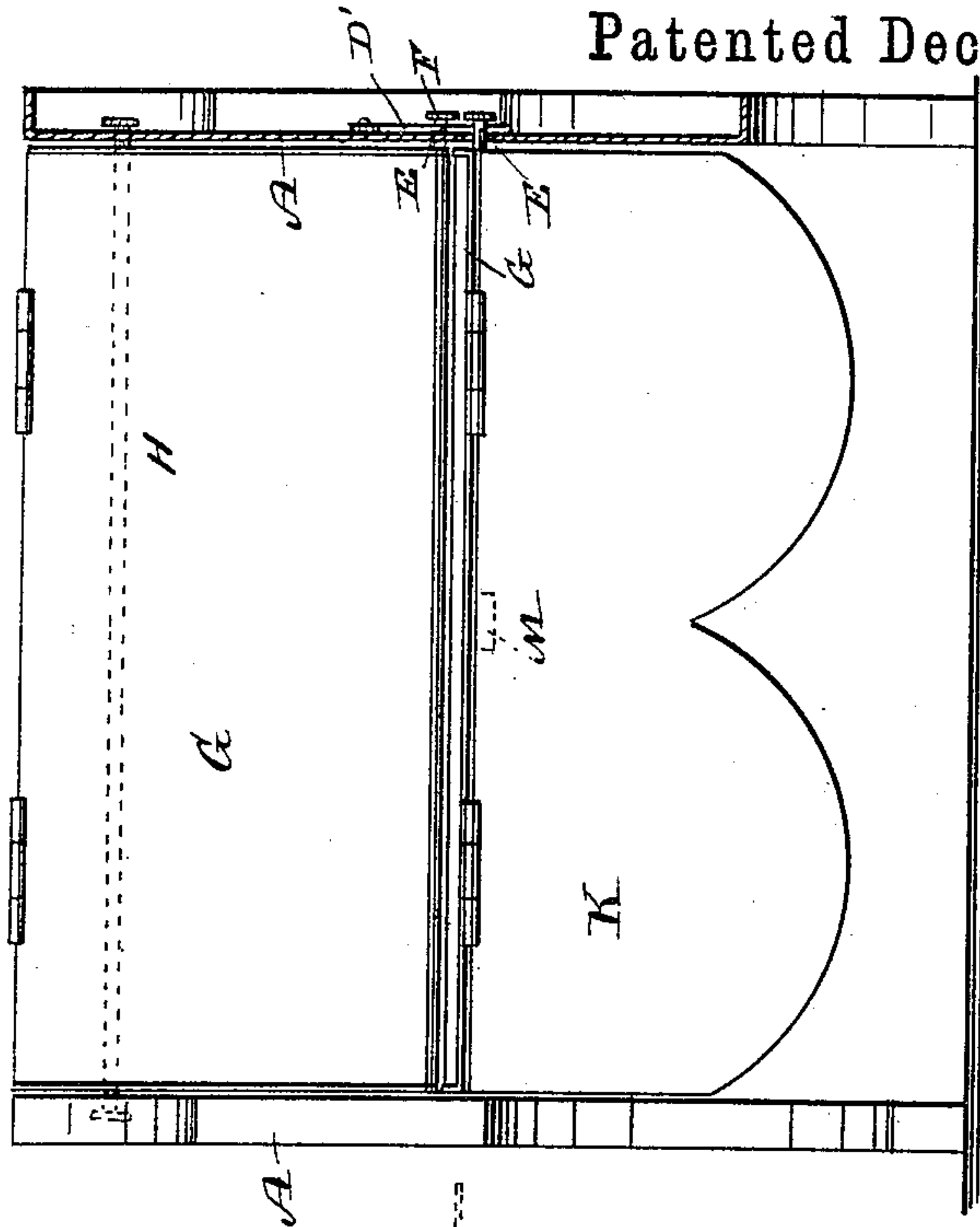


Fig. 1.

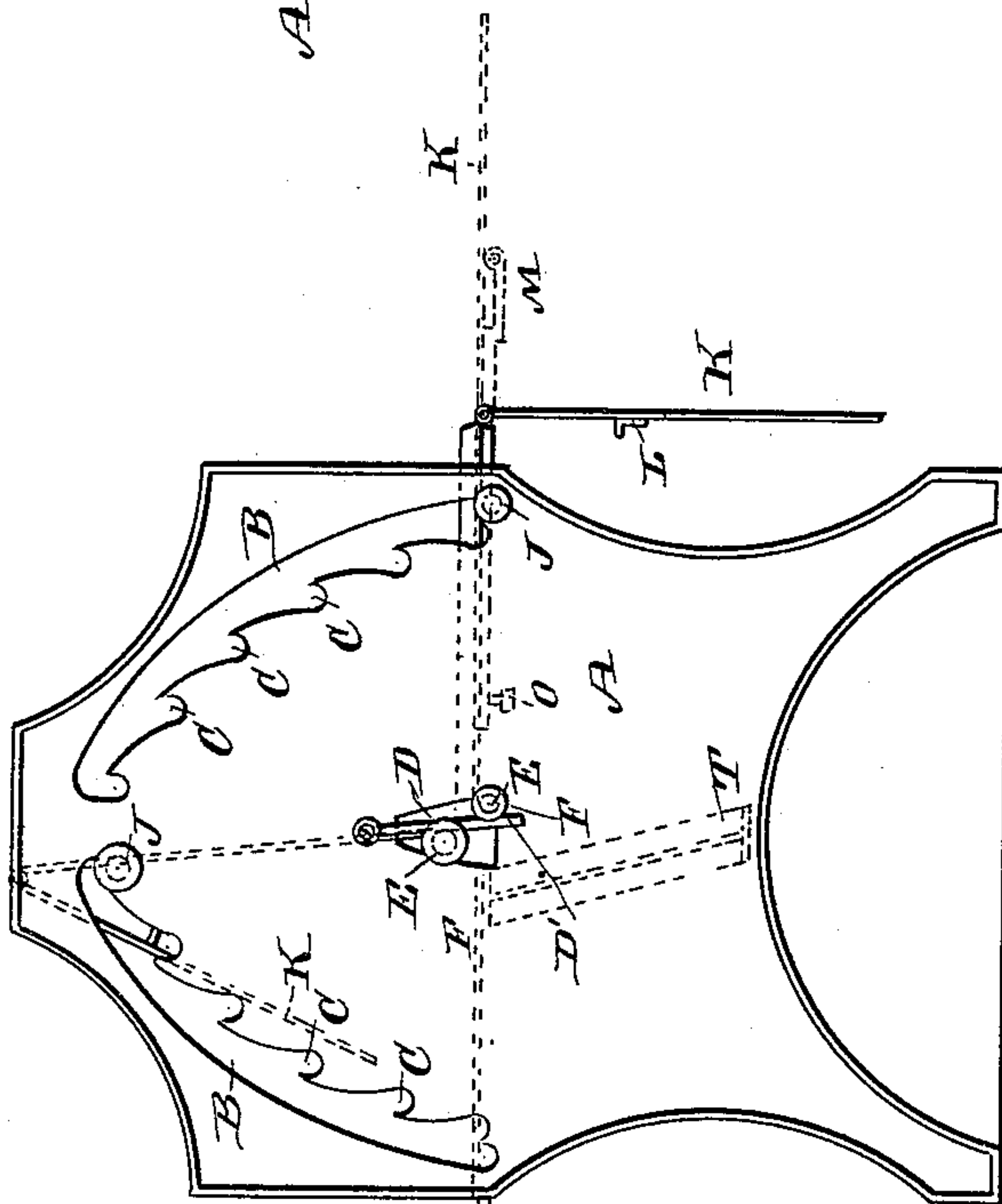


Fig. 3.

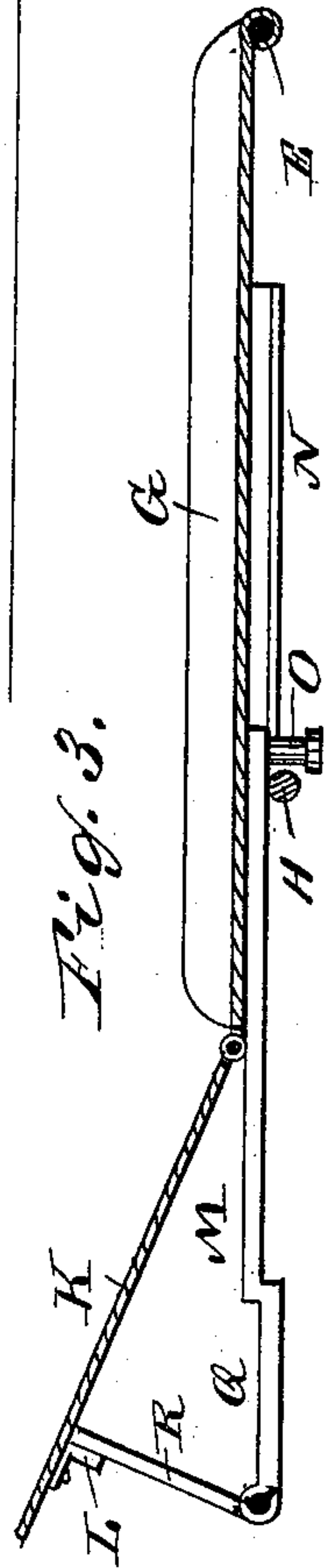
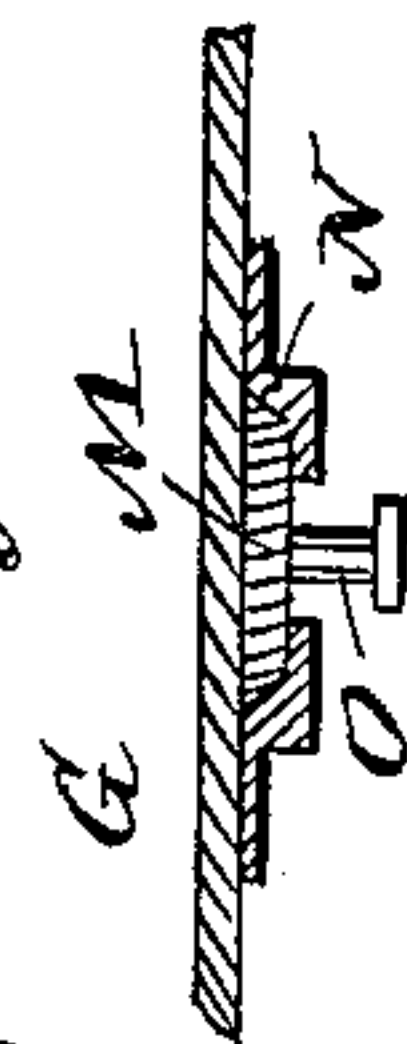


Fig. 4.



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# UNITED STATES PATENT OFFICE.

MANOAH MILES, OF RUSSELL, KANSAS.

## ADJUSTABLE SEAT.

SPECIFICATION forming part of Letters Patent No. 331,991, dated December 8, 1885.

Application filed April 4, 1885. Serial No. 161,207. (No model.)

*To all whom it may concern:*

Be it known that I, MANOAH MILES, of Russell, county of Russell, State of Kansas, have invented a new and Improved Adjustable Seat, of which the following is a full, complete, and exact description.

The object of my invention is to provide a new and improved seat, which can easily be adjusted as a lounge, invalid-chair, &c., and is adapted for use in cars, hospitals, &c.

The invention consists in the combination, with two slotted upright end pieces, of a swinging seat-board hung between them, which seat-board has a hinged wing and a cross-rod or pivots, which are passed through notched curved slots in the uprights.

The invention also consists in arrangements and combinations of parts and details, as will be fully set forth hereinafter.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side view of my improved adjustable chair. Fig. 2 is a front view of the same, parts being in section. Fig. 3 is a longitudinal sectional view of one seat and its hinged back. Fig. 4 is a detail cross-sectional view of the slide.

The seat is constructed with two end uprights, A, which are flanged, for the purpose of strengthening them, and each upright is provided with two slots, B, curved from the middle of the front and rear edges to the top, and provided with notches C in their bottom edges. Two seat-boards, G, are held by rods E, extending across the seat and into apertures D in the uprights, or by pivots on the ends of the seat, which rods or pivots may have heads F. A short rod, D', is pivoted over each aperture D, and hangs down between the two rods or pivots E, preventing the locking of the pivots, and allowing a free movement of the same in the apertures D. Pivots or a rod, H, is secured to the under side of each seat-board, near the outer edge, the ends of the said rod or pivots passing through the slots B, and having heads J on the ends. Wings K are hinged to the outer edges of the seat-boards, and are each provided with a projection, L, on the under side at the middle. A

sliding bolt, M, is held in a pocket, N, arranged transversely on the under side of each seat-board, and is provided with a downwardly-projecting pin, O. The outer ends of the bolts M are bent to form recesses Q, for receiving braces R, hinged on the outer ends of the bolts. The end pieces are united by a brace, T, in the usual manner. When both sides of the seat are to be used, the ends of both rods E or the pivots rest on the bottoms of the slots B, and the seat-boards G are held horizontally. When one seat-board is to have a back-rest, the outer edge of the other seat-board is raised, and the ends of its rod E or its pivots passed into one of the notches C, to hold the back at the desired inclination. The wing K of the seat-board forming the back can hang down, as shown in dotted lines in Fig. 1, or can be held to project upward by the sliding bolt.

When the seat is to be used as a sofa, the seat-boards G are adjusted to be horizontal, the wings K are raised, and the bolts M pulled out until the pins O strike the rods H, and then the braces R are raised and rested against the stop L, as shown in Fig. 3. One or both wings K may be raised, as may be desired.

The seat-boards and wings can be made of wood or metal, and upholstered and covered in any desired manner.

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

1. The combination, with the uprights A, having notched curved slots B, of the seat-boards G, pivoted between the end pieces, the rods H, secured to the seat-boards and passed through the slots B, and of the wings K, hinged to the swinging edges of the seat-boards, substantially as herein shown and described.

2. The combination, with the uprights A, having notched curved slots B, of the seat-boards G, pivoted between the uprights, the hinged wings K, the sliding bolts M, and the rods H, secured to the seat-boards and passed through the curved slots B, substantially as herein shown and described.

3. The combination, with the uprights A, having slots B, of the seat-boards G, the hinged wings K, the rods H, the sliding bolts M on the under sides of the seat-boards, the



braces R, hinged to the same, and the stops L on the under side of the wings K, substantially as herein shown and described.

4. The combination, with the uprights A, 5 of the seat-boards G, the wings K, the bolts M, having recesses Q, and the braces R, hinged on the ends of the bolts, substantially as herein shown and described.

5. The combination, with the uprights A,

of the swinging seat-boards G, the rods H on the same, the bolts M, and the pins O on the inner ends of the said bolts, substantially as herein shown and described.

MANOAH MILES.

Witnesses:

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