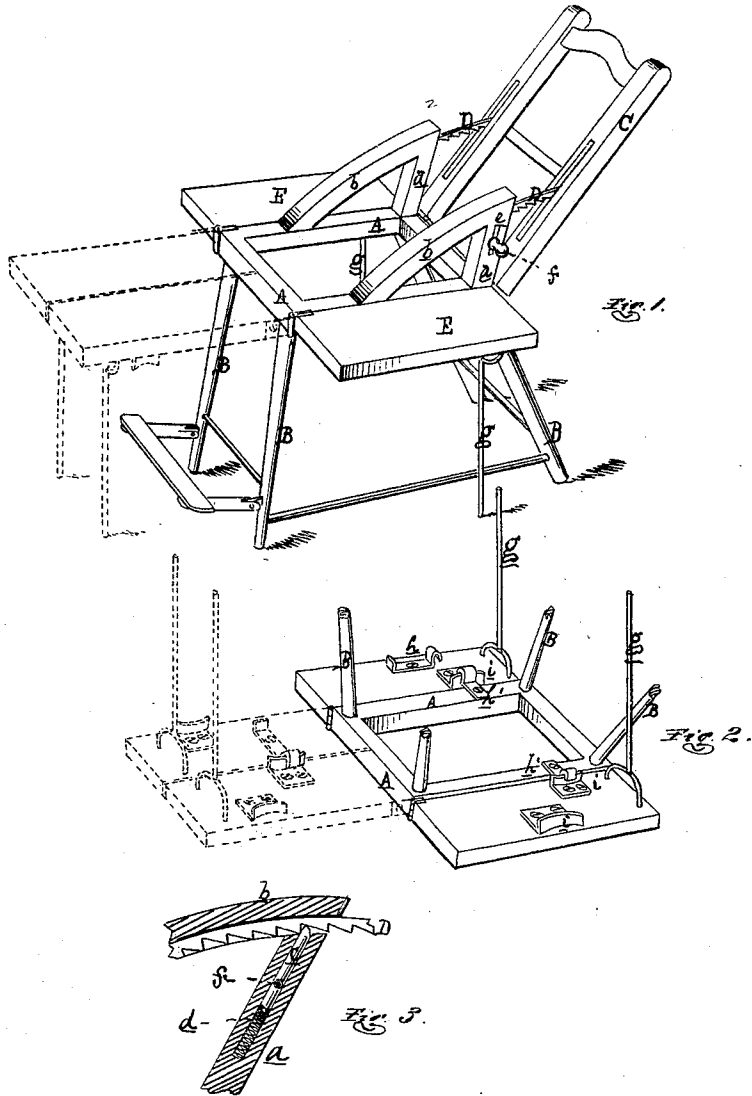


J. DEFOE.  
Improvement in Chairs.

No. 130,903.

Patented Aug. 27, 1872.



ATTEST:  
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26, 4. Clerk.

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# UNITED STATES PATENT OFFICE.

JAMES DEFOE, OF DETROIT, MICHIGAN, ASSIGNOR TO HIMSELF AND JOHN PATTON, OF SAME PLACE.

## IMPROVEMENT IN CHAIRS.

Specification forming part of Letters Patent No. 130,903, dated August 27, 1872.

### To whom it may concern:

Be it known that I, JAMES DEFOE, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Adjustable Chairs; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective view of my improved chair. Fig. 2 is a partial perspective, showing the seat and the leg-supports inverted; and Fig. 3 is an enlarged longitudinal vertical section of an arm-rest, showing the ratchet-quadrant which sustains the back of the chair, and the spring-bolt which locks it.

Like letters refer to like parts in each figure.

The nature of this invention relates to a chair which is provided with a simple device for forming an extension of the seat on a horizontal plane to support the occupant's feet and lower limbs; and consists in the peculiar and novel construction of the extension and its connection with the chair, as more fully hereinafter set forth.

In the drawing, A represents the frame of my chair-seat erected on four legs, B. C is the back-frame, hinged at the lower edge to the back rail of the seat-frame. At the back corners of the seat-frame are erected the standards *a a*, and to their tops are secured the segmental arm-rests *b b*, whose front ends are mortised in the sides of said seat-frame. D D are ratchet-quadrants or segments toothed on their lower edges, and are secured by pivots or otherwise to the side bars of the back frame. The under sides of the arm rests *b* are recessed or grooved to receive the segments D. The tops of the standards *a* are bored to receive a pawl-bolt, *e*, which is pushed up by

a spiral spring, *d*, placed below it in the hole. A slot, *e*, is cut through the outer face of each standard, through which to insert a handle, *f*, and screw it into the bolt *e*.

When the back is sustained in an inclined position, by pushing it toward the vertical position the ratchets are forced into the grooves of the arm-rests, and are held firmly in whatever position they may be left by the spring-pawls.

E E are two levers, the two equaling in size or area the seat-frame, to the front corners of which they are hinged, as shown. At the free end of each there is a pendent supporting leg, *g*, which supports the leaf in its horizontal plane, whether swung back against the side of the seat-frame, as shown, or when swung around to the front, as shown in dotted outline, to form a leg-rest for the occupant. To lock the leaves in this latter position, to the under side of one of them a button, *h*, is pivoted, and engages with a segment-clip, *i*, on the under side of the other. To secure the leaves when folded back against the seat-frame, a button, *h'*, pivoted under the frame, engages with a clip, *i'*, under the edge of the leaf, as shown in Fig. 2 of the drawing.

The chair may be made of wood and upholstered so as to furnish a luxurious article with which one may take comfort in various positions and at a small cost.

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

The leaves E E, provided with the supports *g*, buttons *h*, and clips *i*, pivoted or hinged to the seat-frame A of a chair, as and for the purpose set forth.

JAMES DEFOE.

Witnesses:

H. S. SPRAGUE,  
H. F. EBERTS.