

G. Wilson,

Invalid Chair.

No. 107,581.

Patented Sept. 20. 1870.

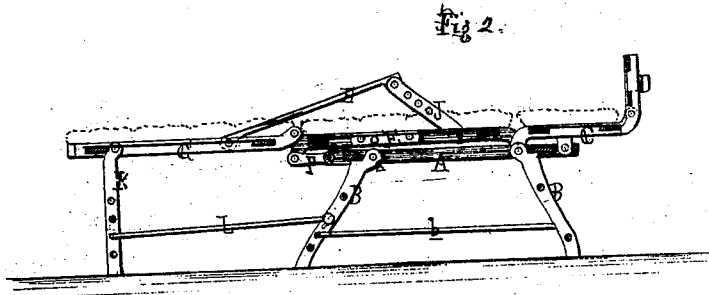
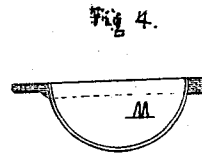
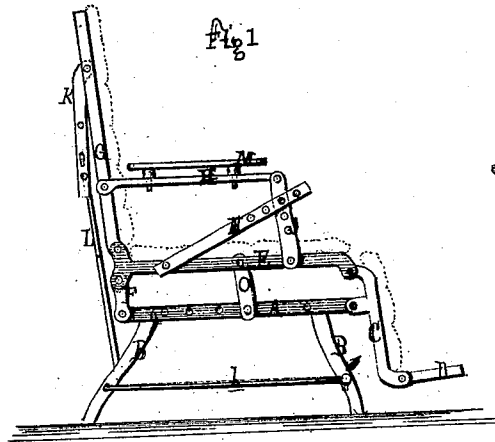
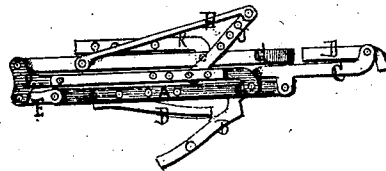


Fig. 3.



Witnesses:
Harry Sprague
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Inventor:
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UNITED STATES PATENT OFFICE.

GEORGE WILSON, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN ADJUSTABLE CHAIRS.

Specification forming part of Letters Patent No. 107,581, dated September 20, 1870.

To all whom it may concern:

Be it known that I, GEORGE WILSON, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Improved 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 sectional side elevation of my invention folded so as to form a chair. Fig. 2 is a sectional elevation, showing the same extended in form of a bed. Fig. 3 is a side elevation, showing the device folded in compact form for transportation or being stored.

Like letters refer to like parts in each figure.

The nature of this invention relates to an improvement in the construction of iron folding chairs, by means of which it may be shifted into several different positions, to serve as an arm or a reclining chair or a bedstead, and it may be folded into a very compact form for transportation.

The invention consists in the peculiar arrangement and construction of the various parts, whereby the chair is changed from one position to another, as hereinafter more fully set forth.

In the drawing, A represents the bottom frame of my chair, of iron, to the side bars of which are pivoted, at *a*, the legs B, and when in use are stayed by the hook-braces *b*. To the front end of the frame A is pivoted a foot-frame, C, of the form shown, and which has pivoted to its outer ends the foot-plate D. Pivoted to the upper end of this foot-frame is the seat-frame E of my chair, with a bottom of light straps of iron crossing each other.

The rear ends of the side frame are T-shaped, as shown. The lower arm of the T is pivoted to a short bar, F, which, in turn, is pivoted to the rear end of the frame A, while to the upper arm of the T are pivoted the side rails of the back-frame G.

H are arm-pieces pivoted to the back-frame and to the levers J, whose other ends are pivoted to the seat-frame. The back-frame is provided with a pair of legs, K, which are pivoted to the same near its upper end. Extending from these legs K to the hind legs, B, are rods L, which are pivoted at either end, for the purposes hereinafter more fully set forth.

M is an arm-rest, which may be attached to the top of the arms H.

N is a brace, pivoted near the rear end of the frame E, having in its outer end perforations, as shown, and which correspond in size to those in the levers J.

O is another brace, pivoted to or near the center of the frame E, and having in its outer end a perforation corresponding with those shown in the frame A.

The arm-pieces may be upholstered, and three separate cushions should be provided, one for each frame.

Fig. 1 shows my device as an arm-chair, being rigidly held to such shape by inserting suitable pins in one of the perforations in the ends of the braces N and O, securing them to the levers J and frame A, respectively.

The device may be readily transformed from an arm-chair to a reclining-chair by disengaging the braces N and O from the lever and the frame. By then sitting in the chair and pressing lightly against the back any desired incline may be had; and it may be formed into a bed by pushing the back into a horizontal position, or until the legs K are fully extended (by means of the rods L) and touch the floor, as shown in Fig. 2.

It will also be seen that the foot-frame is elevated to a horizontal position at the same time by the peculiar manner in which it is pivoted at two points, to the bottom frame A and seat-frame E, respectively, and by the pivoting of the back-frame G and seat-frame E to the T-shaped end of the latter. Finally, the whole may be folded up into a compact form (without the cushions) for convenience in transportation or being stored.

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

The construction and arrangement of the frame A, seat-frame E, legs B, braces *b*, foot-frame C, foot-plate D, frame G, legs K, arm-pieces H, braces N and O, levers J, and rods L, substantially in the manner and for the purpose specified.

GEORGE WILSON.

Witnesses:

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