C. B. SHELDON.
Invalid-Chair.

No. 205,002. Patented June 18, 1878.

Fig. 1.

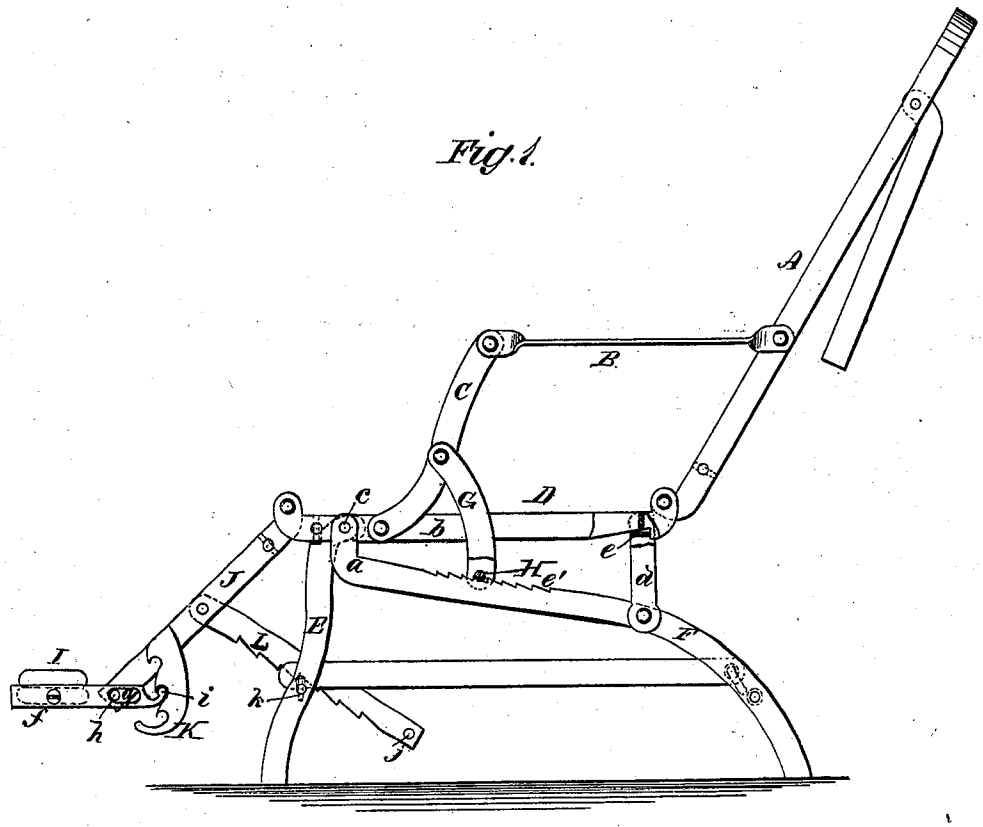


Fig. 2.

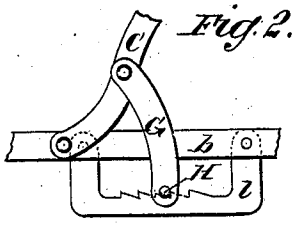


Fig. 3.



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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN INVALID-CHAIRS.

Specification forming part of Letters Patent No. **205,002**, dated June 18, 1878; application filed October 2, 1877.

To all whom it may concern:

Be it known that I, CEVEDRA B. SHELDON, of New York city, in the county and State of New York, have invented a new and Improved Invalid-Chair, of which the following is a specification:

Figure 1 is a side elevation of my improved chair. Fig. 2 is a detail view of a modification of the ratchet-bar that supports the chair-arm. Fig. 3 is a detail view, in section, of the cross-bar that engages the ratchet-bar.

Similar letters of reference indicate corresponding parts.

My invention relates to improvements on an invalid-chair for which Letters Patent No. 173,071 were granted to me February 1, 1876.

The invention will first be described in connection with the drawing, and then pointed out in the claims.

In the drawing, A is the back; B, the arms; and C, the front standard for the arms, the standard and back being jointed to the seat-frame D, and the arms being jointed to the standards and the back in the usual way, so that the back can be shifted up and down.

The forward legs E and the rear legs F, which latter are curved forward and offset at *a*, and the side bars *b* of the seat-frame D are pivoted together near the front edge of the seat by means of rivets *c*, the front legs being placed inside and the rear legs outside of the bars *b*.

To the curved rear legs F arms *d* are pivoted, which are connected together by a bar, *e*, which supports the rear end of the seat-frame.

To the arm-standards C arms G are pivoted, which are connected by a bar, H, which is made angular at its ends to engage with a ratchet-rack, *e'*, formed in the upper edge of the rear legs F. This bar serves not only as a pawl for engaging the rack *e'*, but it also connects the arms G, so that they move simultaneously.

The foot-board I is pivoted in a frame, *f*, the end pieces of which are provided with slots *g* for receiving the pin *h*, which projects from the side pieces of the foot-rest frame J. The end pieces of the frame *f* have formed on them a hook, *i*, having a rounded end, which is received by notches of a corresponding form in the curved arms K, attached to the frame J.

Two ratchet-bars, L, are pivoted to the frame J, and are connected together by the rod *j*. These ratchet-bars engage the front cross-bar *k*, which connects the front legs E, and support the frame J at any desired angle.

The frame *f*, which supports the foot-board I, may be shifted to any desired angle by changing the rounded hooks *i* in the notches of the curved arms K.

By attaching the ratchet-bar *l* (shown in Fig. 3) to the side bars *b* of the seat-frame, the bar H will be supported independently of the curved legs F. This bar is dropped below the side bar *b*, to permit the bar H to move between it and the seat-frame D.

By means of the improvements herein described I am enabled to adjust the seat, back, and foot-board at any required angle.

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

1. The combination, with a seat having front legs, of legs F, pivoted to front of seat, having offset *a*, and connected with seat at the rear by arms *d*, as shown and described.

2. The frame *f*, having end pieces, provided with slots *g* and rounded hooks *i*, in combination with the frame J, having the pins *h* and curved notched arms K, substantially as herein shown and described.

CEVEDRA B. SHELDON.

Witnesses:
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