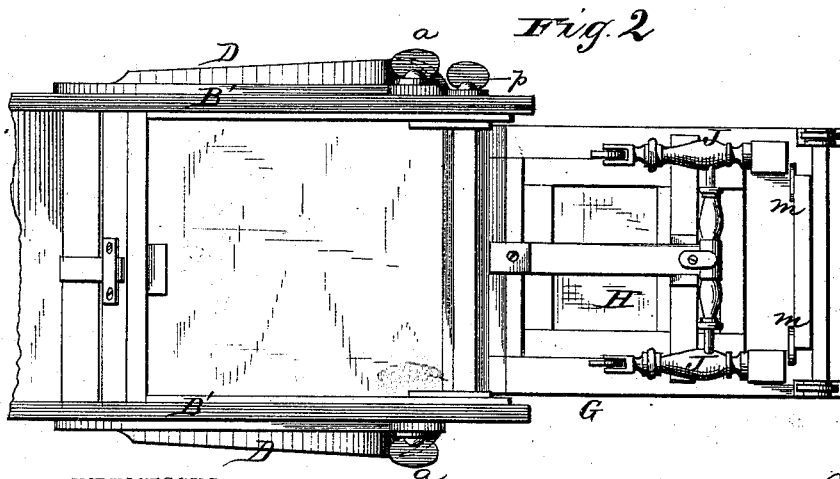
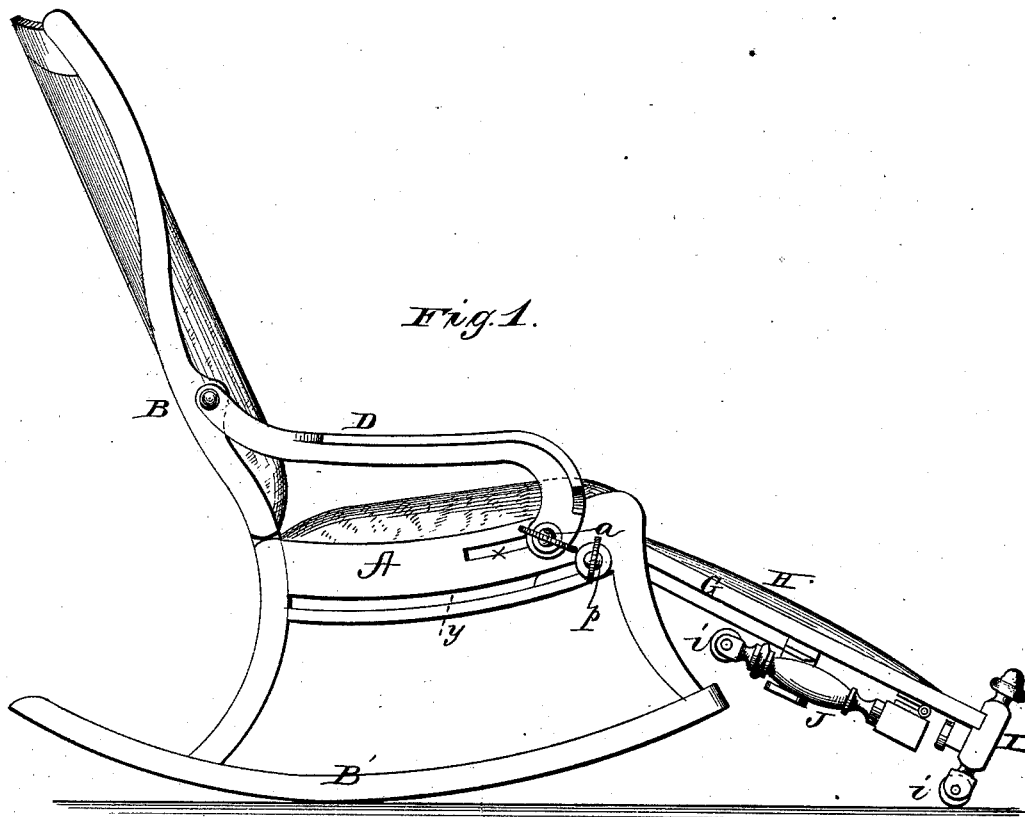


C. SUNDQUIST.  
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No. 216,582.

Patented June 17, 1879.



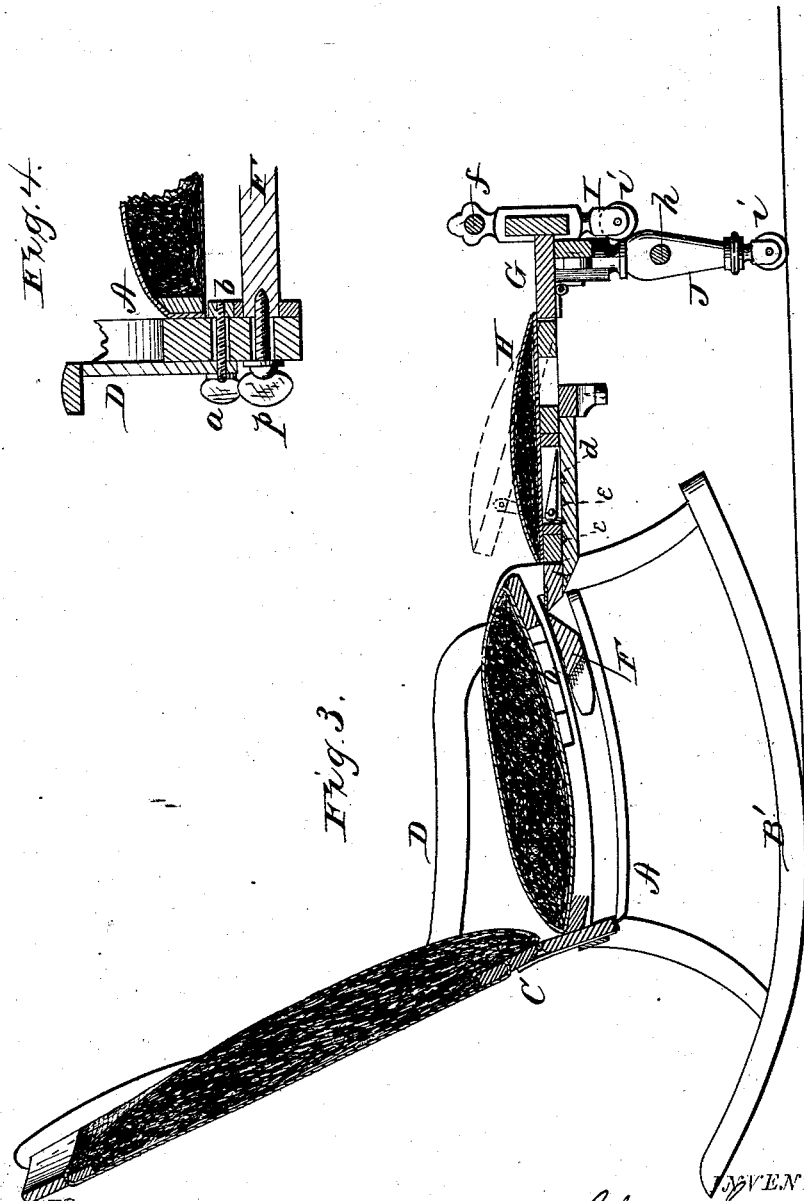
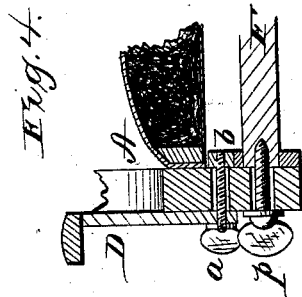
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WITNESSES

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# UNITED STATES PATENT OFFICE.

CHARLES SUNDQUIST, OF CHATTANOOGA, TENNESSEE.

## IMPROVEMENT IN INVALID ROCKING-CHAIRS.

Specification forming part of Letters Patent No. **216,582**, dated June 17, 1879; application filed November 11, 1878.

*To all whom it may concern:*

Be it known that I, CHARLES SUNDQUIST, of Chattanooga, in the county of Hamilton, and in the State of Tennessee, have invented certain new and useful Improvements in Rocking-Chairs; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a reclining rocking-chair, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side elevation of my improved reclining rocking-chair. Fig. 2 is a bottom view of the same. Fig. 3 is a longitudinal section thereof, and Fig. 4 is a detailed section of the side of the chair.

A represents the seat-frame of my chair, connected to and supported by rockers B', of any ordinary construction.

To the rear edge of the frame A is hinged the back B, which is sustained partially and thrown forward by means of a flat spring, C, fastened to the rear of the seat-frame, and bearing against the lower cross-bar of the back B.

To each side of the back B is pivoted a curved arm-rest, D, the forward end of which has a thumb-screw, *a*, passing through it. Each thumb-screw *a* passes through a slot, *x*, in the side of the seat-frame A, and enters a sliding block or nut, *b*, placed in a groove or recess on the inner side of said seat-frame. By these means the back B can be adjusted and held at any angle by firmly fastening the forward ends of the arms D to the seat-frame by means of the screws *a a*.

Below the slot *x* in the side of the seat-frame is a slot, *y*, extending the entire length of said side, and corresponding with a groove on the inner side thereof. In these grooves is placed a cross-bar, F, which can be moved forward or backward, as required, and held in position by means of a thumb-screw, *p*, at one end.

To the cross-bar F is hinged a frame, G,

provided with an upholstered panel, H, which is hinged at its forward end, and its rear end held at any elevation desired by means of a pawl, *d*, pivoted to the under side of the panel, and taking into notches *e e* in a bar of the frame G. The upholstered panel H can thus be adjusted to form, as it were, a continuation of the seat of the chair. The forward end of the frame G is provided with short legs I I, with a railing, *f*, above the frame for a foot-rest. Near this end, to the under side of said frame, are hinged two longer legs, J J, connected by a round, *h*, which legs may be thrown down, and thus bring the frame G to a nearly-horizontal position, whereby the chair may be transformed into a lounge when desired.

The legs I and J are all provided with rollers *i*, so that in whatever position the foot-rest frame may be arranged the occupant of the chair can rock back and forth, if desired.

The cross-bar F, with the frame G, can be moved backward and forward, as required. When moved entirely back the railing *f* forms an ordinary foot-rest.

The legs J are held in either position, either folded or thrown down, by means of buttons *m* or other suitable devices of similar nature.

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

1. The combination of the rocking seat-frame A, with slots *x x* in its sides, the hinged back B, spring C, and pivoted arms D D, with the thumb-screws *a* and sliding nuts *b*, substantially as and for the purposes herein set forth.

2. In combination with the rocking-chair frame A B, the sliding cross-bar F, hinged frame G, legs I, provided with rollers, and railing *f*, substantially as and for the purposes herein set forth.

3. In combination with a rocking-chair, the adjustable foot-rest frame G, provided with the adjustable panel H, stationary legs I, and folding legs J, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 10th day of June, 1878.

CHARLES SUNDQUIST. [L. S.]

Witnesses:

JOHN A. MOON,  
L. B. HEADRICK.