

R. & W. McCABE.

RECLINING-CHAIR.

No. 180,435.

Patented Aug. 1, 1876.

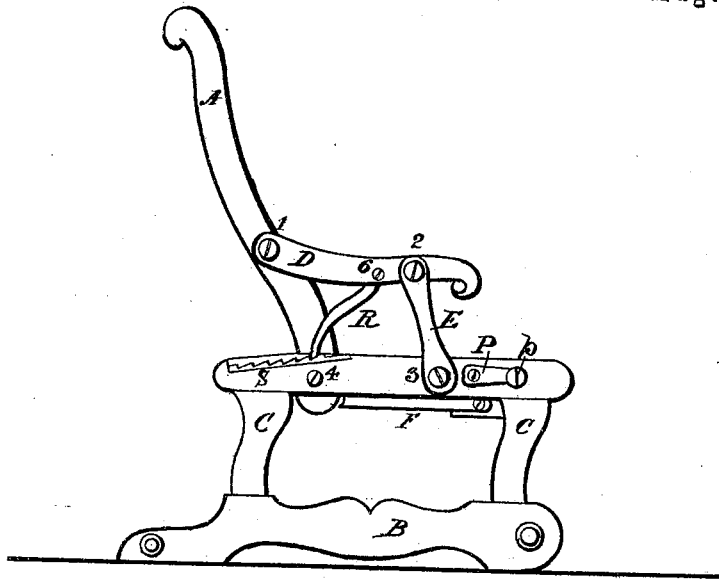


Fig. 1.

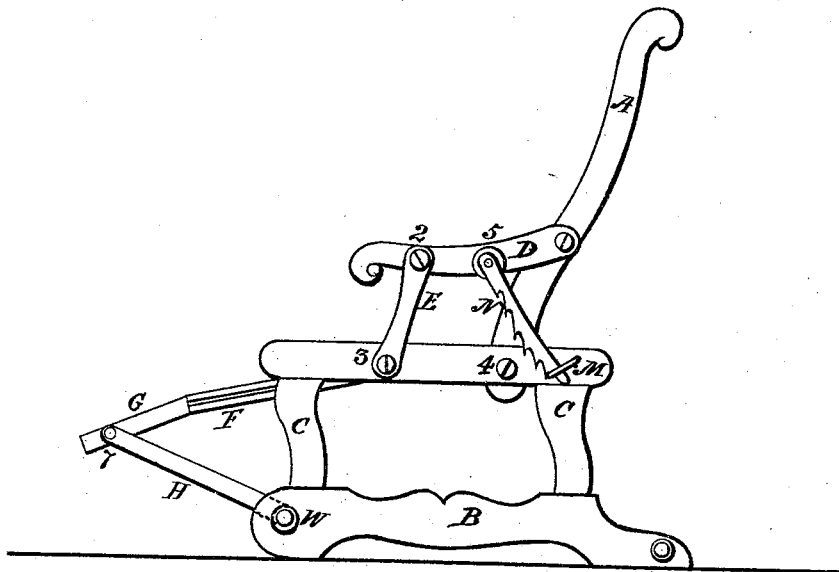


Fig. 2.

WITNESSES :

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UNITED STATES PATENT OFFICE

ROBERT McCABE AND WILLIAM McCABE, OF MEADVILLE, PENNSYLVANIA.

IMPROVEMENT IN RECLINING-CHAIRS.

Specification forming part of Letters Patent No. **180,435**, dated August 1, 1876; application filed March 14, 1876.

To all whom it may concern:

Be it known that we, ROBERT McCABE and WILLIAM McCABE, of the city of Meadville, State of Pennsylvania, have invented a new and Improved Adjustable Chair, which said invention is fully set forth in the following specification, reference being had to the accompanying drawings.

Figures 1 and 2 represent side views of our chair.

A is the back attached to the seat by a pin or screw-bolt, 4, so as to form a movable joint; D, the arm with a similar joint at 1 on the back, and at 2 on the support of the arm E, which is also attached to the seat by a bolt or pin-joint at 3. N is a ratchet-bar hung on the arm D, and the end passes through a staple, M, which acts like a pawl, the notches of the ratchet-bar N catching on one end of the staple M.

A modification of this device is shown by Fig. 1 of the drawings, in which R represents a pawl pivoted to the arm D, the point of which engages with one or other of the teeth of a ratchet-plate, S, secured to the chair-seat. This device I have found to operate very well; but I prefer to use the hanging ratchet-bar N and staple M.

Fig. 1 shows the foot-board F folded up under the seat, where it is secured by a spring, P. The spring has a pin or screw at *p*, which passes through the side of the frame of the seat, and catches in the foot-board F. Only the head of this pin *p* is shown in the drawings. Fig. 2 represents this foot-board extended. The foot-board is constructed of two

parts or sections, G and F, connected together by hinges, and when drawn out and extended, is kept in place by a brace, H, hinged on the section G by a pin, 7, and when the foot-board is extended, the end of the brace is placed against the rung of the chair at W. There is a groove in the edge of F, which slides on a way or cleat on the inside of the frame of the chair-seat, and when this foot-board is folded back it is kept in its place by the spring P and pin *p*, as before described.

When a person is seated in the chair, if he inclines his body forward, it releases the ratchets N, and then he can, by a simple movement either backward or forward, place the back of the chair either in a reclining position or a more upright one, and the ratchets will hold it securely in the desired position, and it can be thus adjusted by the occupant of the chair.

What we claim as our invention is as follows:

1. A chair having the sliding foot-board F G, and supporting-bar H, arranged to operate in combination with the rung or rail W, as and for the purpose set forth.

2. The combination of the pivoted back A, arm D, and ratchet-bar N, with the sliding foot-board F G, and supporting-bar H, all arranged to form a reclining-chair, in the manner specified.

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Witnesses:

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