2 Sheets--Sheet 1.

C. BRADA.

Rocking-Chairs

No. 156,127. Patented Oct. 20, 1874.

Fig: 1.

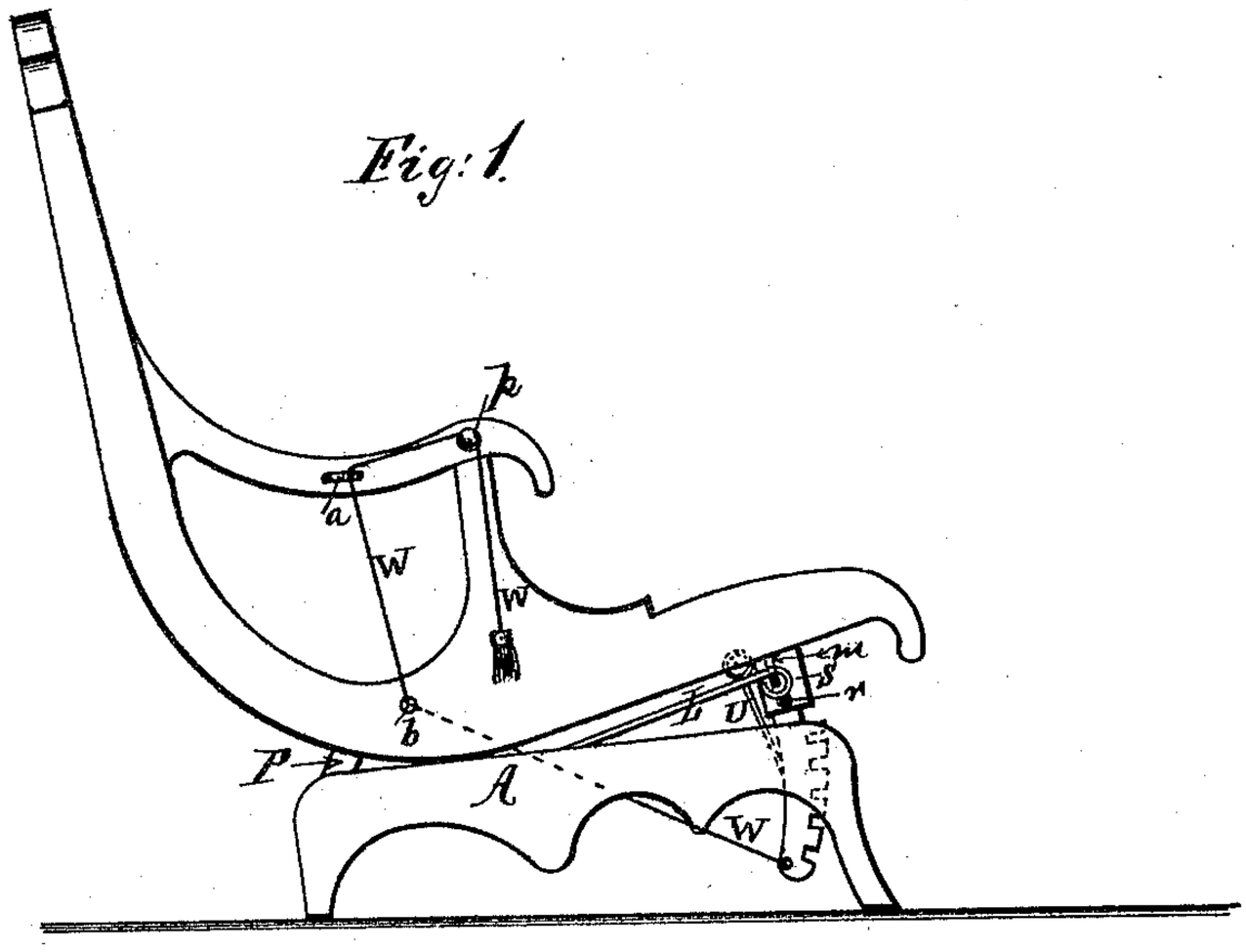


Fig: 2.

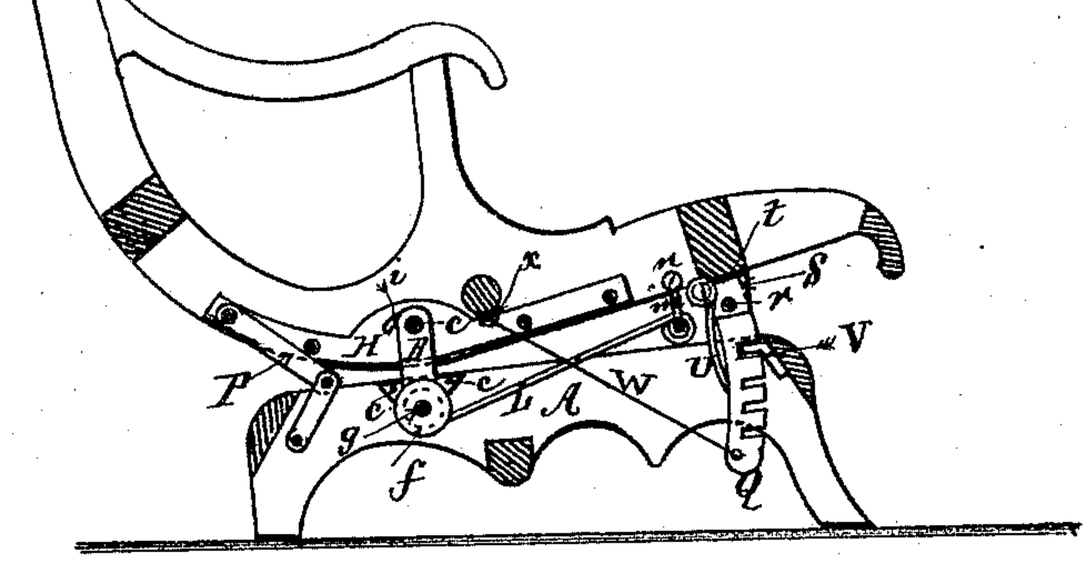


Fig: 5.

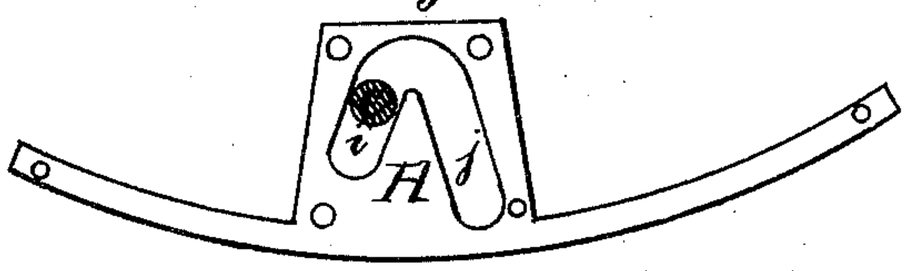
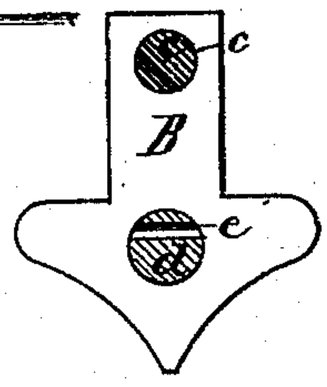


Fig 4.



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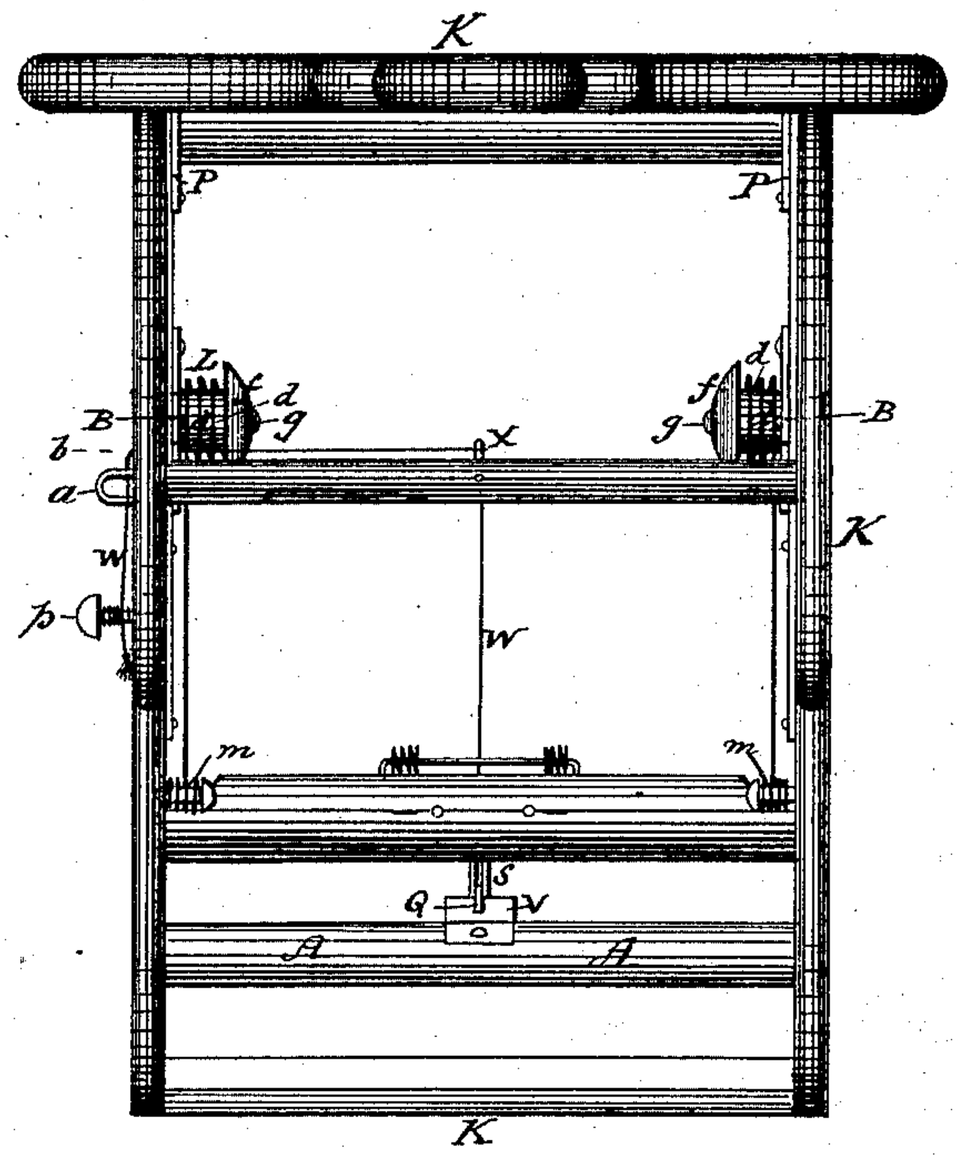
2 Sheets--Sheet 2.

C. BRADA.
Rocking-Chairs

No. 156,127. Patented Oct. 20, 1874.

Fig. 3



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UNITED STATES PATENT OFFICE.

CHARLES BRADA, OF NEW YORK, N. Y.

IMPROVEMENT IN ROCKING-CHAIRS.

Specification forming part of Letters Patent No. **156,127**, dated October 20, 1874; application filed March 20, 1874.

To all whom it may concern:

Be it known that I, CHARLES BRADA, of New York city, county and State of New York, have invented certain Improvements in Rocking-Chairs, of which the following is a specification:

The object of my invention is to produce a rocking-chair which shall be strong and safe in operation, not liable to get out of order, and which can be held stationary in any desired position at the will of the occupant.

In the accompanying drawings, Figure 1 represents a side view, Fig. 2 a vertical section, and Fig. 3 a plan, of a rocking-chair arranged according to my invention. Figs. 4 and 5 represent detail views of parts.

A is a frame, supported on four legs, which serves as a platform or rest for the rocking-chair. To the inner sides of this platform A I fasten two standards, B, placed in a vertical position, and having at their upper ends horizontal pins *c*. These pins *c* are placed in journal-plates H, fastened to the lower part of the rocking-chair, which are provided with double bearings *i j*, in order that the chair may not be thrown too much out of the center in the act of working. To the lower part of each standard B is fastened a horizontal pinion or projection, *d*, having a groove, *e*, cut in its face, for the reception of one end of a spiral spring, L, which is held in position by a cap, *f*, and screw *g*. The spiral springs L being coiled around the pinions or projections *d*, their opposite ends are carried forward and hinged to connecting-rods *m*, carried by the front of the rocking-chair, in order to give the chair a forward movement when thrown back by the weight of the occupant. Elbow-jointed guides P, one end of each of which is fastened to the back of the chair, and the other to the platform, serve to steady the movement of the chair, and prevent the breaking of the journals when the chair is thrown violently forward. In order to make the rocking-chair stationary in any desired position, at the will of the occupant, a toothed bar or rack, Q, is pivoted to an arm, S, carried by the under side of the front cross-piece of the chair. A spiral spring, U, one end of which is fastened to the cross-piece, and the other to the bar or rack Q, serves to press the said bar Q forward, so that its teeth may receive and be held by a catch, V, carried by the front cross-piece of the platform A. A cord or band, W, is attached to the lower end of the toothed bar or rack Q, and carried from thence through an eye or guide, X, supported by the center cross-piece of the chair K, from which it passes through a hole, *b*, in the side of the chair, up through another eye, *a*, affixed to one of the arms. This cord W serves to draw back the toothed bar or rack Q, and allow of the chair being rocked upon the platform A. When the bar or rack Q is drawn back, the cord W is fastened to a button, *p*, thereby holding the same away from its catch V; but immediately the cord W is again loosened, the rack Q will engage with its catch V, and hold the chair K stationary.

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

1. The combination, with the chair K, platform A, and standards B B, provided with projections *d d*, of the springs L, as and for the purposes specified.

2. The combination, with the chair K, of hinged bar or plate Q and spring U, as and for the purposes specified.

3. The combination, with the bar or plate Q, and spring V, of the cord or band W, as and for the purposes specified.

CHARLES BRADA.

Witnesses:

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