

F. MOHR.
Platform Rocking-Chair.

No. 211,766.

Patented Jan. 28, 1879.

Fig. 3.

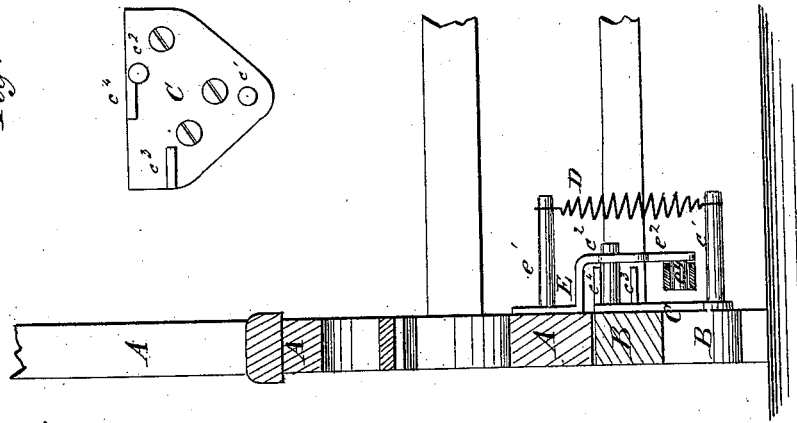


Fig. 2.

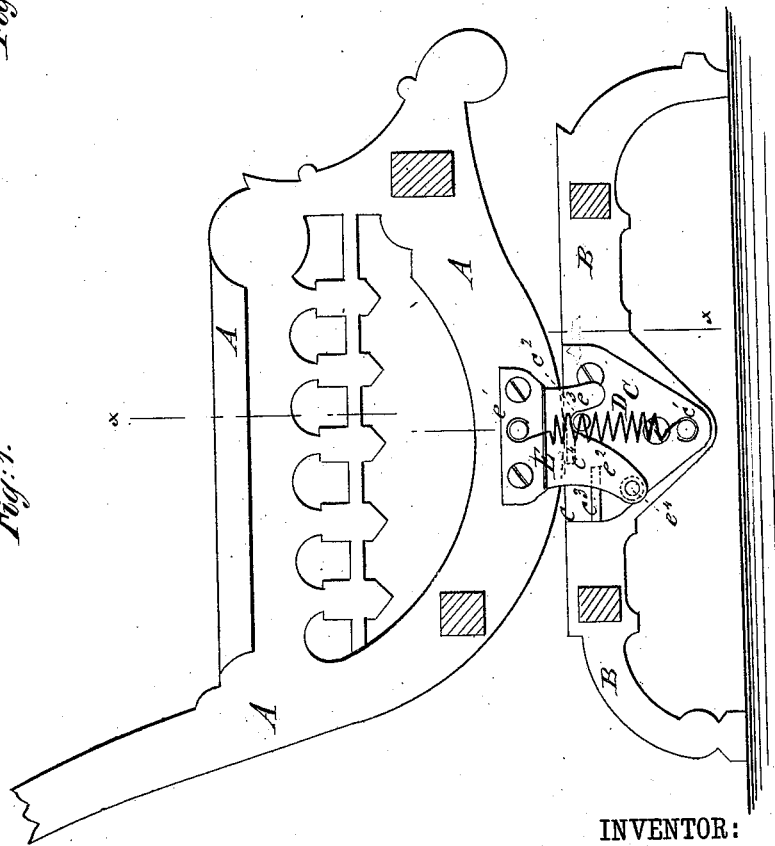


Fig. 1.

WITNESSES:

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IMPROVEMENT IN PLATFORM ROCKING-CHAIRS.

Specification forming part of Letters Patent No. 211,766, dated January 28, 1879; application filed October 14, 1878.

To all whom it may concern:

Be it known that I, FREDERICK MOHR, of the city, county, and State of New York, have invented a new and Improved Platform Rocking-Chair, of which the following is a specification:

Figure 1 is a vertical section of a chair to which my improvement has been applied. Fig. 2 is a vertical cross-section of the same, taken through the broken line *x x*, Fig. 1. Fig. 3 is a detail view of the stop-plate.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish improved platform rocking-chairs, which shall be so constructed that they cannot rock too far forward or back, and cannot get out of place upon the platform.

The invention consists in providing the platform with a plate having a guide-pin and two stops, and the side frame of the chair with a plate having an offset, the lower edge of which is notched so as to form two arms of unequal length, the lower one being provided with a stop-pin, and connecting the said plates by a spring.

A represents the side frame of a chair, the lower edge of which is curved to serve as a rocker. B is the side frame of the platform, upon the upper edge of which the side frame A rocks.

To the inner side of the middle part of the frame B is attached a plate, C, to the lower middle part of which is attached, or upon it is formed, a pin, c^1 , to receive the lower end of a spiral spring, D, the upper end of which is attached to the pin e^1 , formed upon or attached to the upper middle part of the plate E.

The upper part of the plate E is attached to the lower middle part of the side frame A, and in it is formed an offset, so that its lower part may project downward parallel with, and at a little distance from, the plate C.

The lower edge of the plate E, a little in front of the central line, has a deep notch

formed in it, forming two arms, $e^2 e^3$, the rear one, e^2 , of which is made considerably longer than the forward one, e^3 , and the inner edges of which are rounded off to bear against the pin c^2 , attached to or formed upon the upper part of the plate C, a little in front of its central line, to serve as a guide to the chair as it is rocked, and prevent the said chair from getting out of place upon the platform.

To the end of the rear arm, e^2 , of the plate E is attached, or upon it is formed, a pin, e^4 , which, as the chair is rocked forward, strikes against a stop, c^3 , and limits the forward movement of the said chair, and which, as the chair is rocked to the rearward, strikes against the stop e^4 , and limits the rearward movement of the said chair.

The stop c^3 is attached to or formed upon the rear part of the plate C, and the stop e^4 is formed upon or attached to the upper middle part of the said plate C, at the rear side of the guide-pin c^2 , as shown in Fig. 3.

The stop-pin e^4 should have a tubular rubber washer placed upon it to prevent noise when it comes in contact with the stops $c^3 e^4$.

I am aware that it is not broadly new to provide the platform and the side frame of a platform rocking-chair with plates connected by a spring; but

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

The combination of the plate C, provided with the guide-pin c^2 , and the two stops $c^3 e^4$; and the plate E, made with an offset, having its lower edge notched, forming two unequal arms, $e^2 e^3$, with curved inner edges, and provided with the stop-pin e^4 , with the spiral spring D, with the side frame A of the chair, and with the side frame B of the platform, substantially as herein shown and described.

FREDERICK MOHR.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.