(No Model.)

J. FLINN.

Platform Rocking Chair.

No. 239,754 **Patented April 5, 1881.**

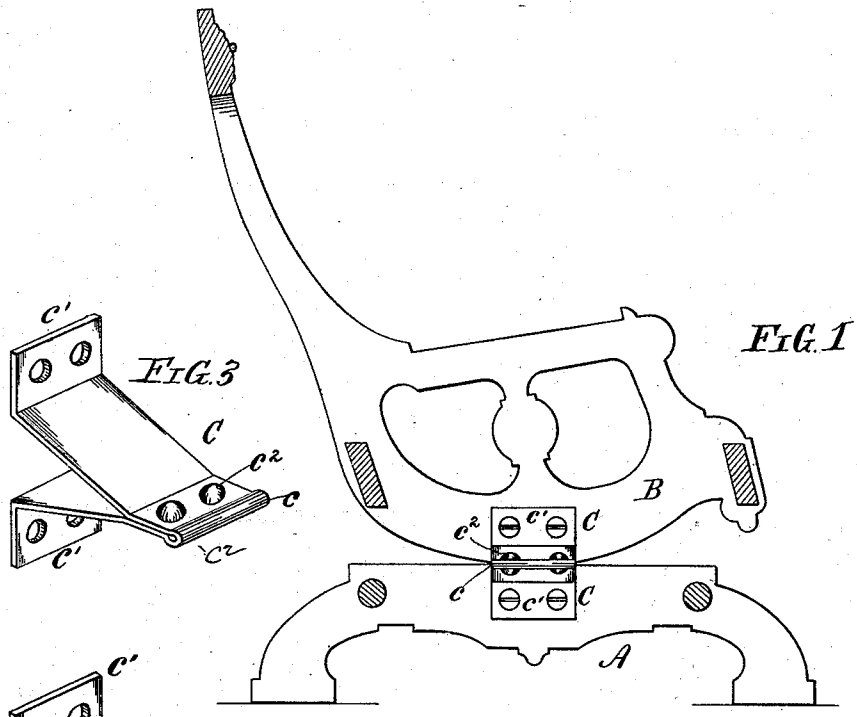


FIG. 1

FIG. 3

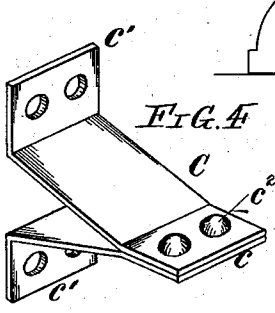


FIG. 4

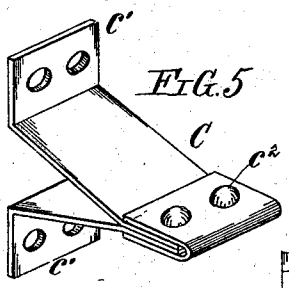


FIG. 5

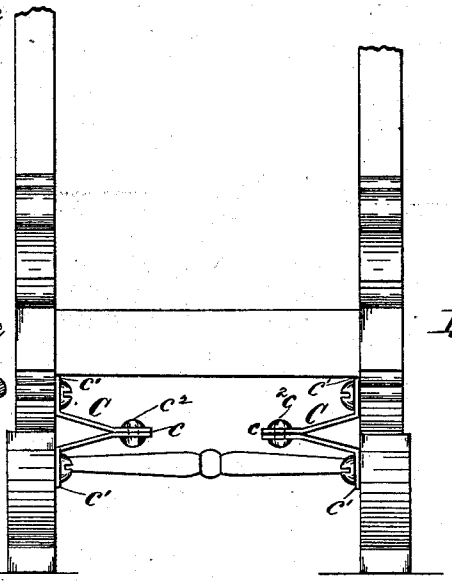


FIG. 2

WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN FLINN, OF PHILADELPHIA, PENNSYLVANIA.

PLATFORM ROCKING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 239,754, dated April 5, 1881.

Application filed April 26, 1880. (No model.)

To all whom it may concern:

Be it known that I, JOHN FLINN, of the city and county of Philadelphia, in the State of Pennsylvania, have invented Improvements in Platform Rocking-Chairs, of which the following is a description, reference being had to the accompanying drawings, forming part of this specification, wherein—

Figure 1 is a vertical section of a platform-rocker with my improvements applied. Fig. 2 is a front elevation of same, partly broken away. Fig. 3 is a perspective, showing spring and guides of a single bar or plate. Fig. 4 shows same made of two bars or plates, and Fig. 5 shows latter with cap or clip.

My invention has relation to platform rocking-chairs; and has for its object to prevent two difficulties sometimes encountered in chairs of this class as heretofore constructed—viz: the grinding of the springs against the guides, and the lateral swaying or turning of the rockers on the platform.

My invention consists in the novel construction hereinafter described, and specifically set forth in the claims.

Referring to the accompanying drawings, A indicates the base and B the rockers of a platform rocking-chair, said parts being of the usual or any suitable construction.

In my improved construction, C C are the springs, which are in one piece with the guides, or are so constructed as to form guides in themselves, thereby dispensing with the separate cast-iron plates sometimes employed. Said springs are composed of bars of steel of any suitable form, but preferably flat, with their inner ends bent at an angle, forming lugs c' c', whereby they are secured to the rockers and base, respectively, as shown. In practice I prefer to make the bars or plates of steel, say one-sixteenth inch thick and two inches wide, and of such length that they will each project inwardly or toward the middle of the chair, say four inches. The inner extremities of the bars or plates (shown at c) are secured together by rivets c^2 c^2, and may, if desired, though I deem it unnecessary, be further strengthened by caps or clips, as shown in Fig. 5. With this construction there will be two leaves to either spring, one leaf secured to the base and one to the rocker, both said leaves being riveted together at their inner end; but, if desired, the spring may consist of a single bar or plate constructed as shown in Fig. 3, being bent and riveted at its middle, and having both ends bent to form the lugs or brackets, whereby it is fastened to the rocker and base, respectively.

When the seat is rocked in the usual manner it produces a double torsion—viz., that of the upper and that of the lower leaves of the spring. The spring itself being the guides also, there is no grinding, and hence the unpleasant noise and feeling sometimes encountered are avoided. The inner extremities of the spring being firmly riveted together while its ends are securely fastened to the rockers and base, respectively, there is no chance for lateral movement of the rockers on the base, and hence the former always maintain their proper position and move truly in line on the latter.

What I claim as my invention is—

1. A combined spring and guide for platform rocking-chairs, consisting of a bar or bars riveted together at their inner ends and bent at their outer ends to form lugs c' c', for attachment to the base and rockers, respectively, substantially as shown and described.

2. In combination with a platform-rocker, spring plates or bars on either side thereof, said plates being riveted together at their inner ends, as shown at c^2, and formed with bent ends c' c' at their outer ends, for attachment to the base and rockers, respectively, the spring and guide on one rocker being independent of that on the other, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of April, 1880.

JOHN FLINN.

Witnesses:
M. D. CONNOLLY,
CHAS. F. VAN HORN.