

No. 821,055.

PATENTED MAY 22, 1906.

A. H. ORDWAY.

BASE ROCKER.

APPLICATION FILED APR. 29, 1905.

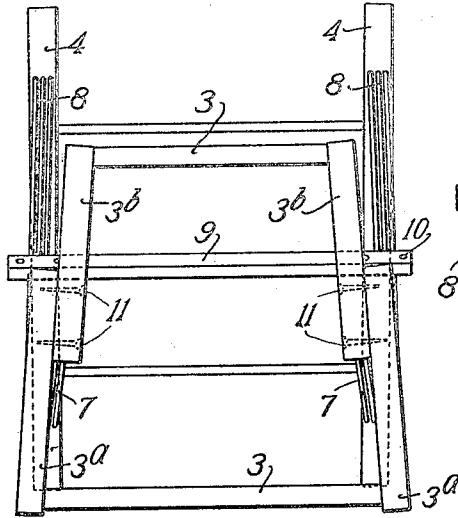


FIG. 3.

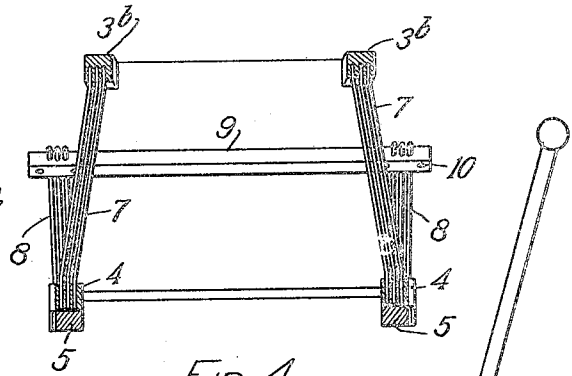


FIG. 4.

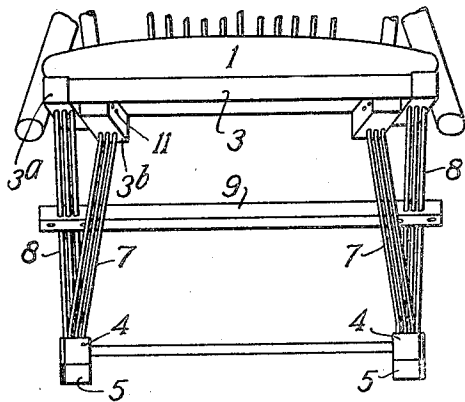


FIG. 2.

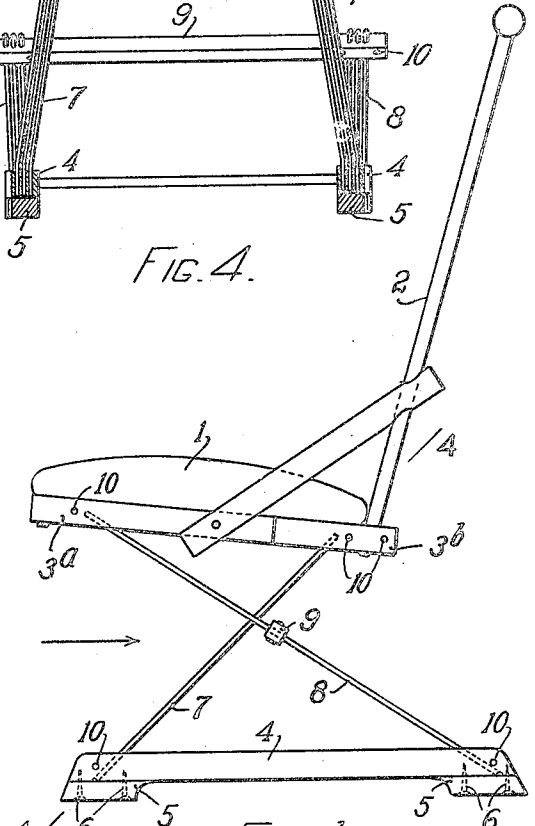


FIG. 1.

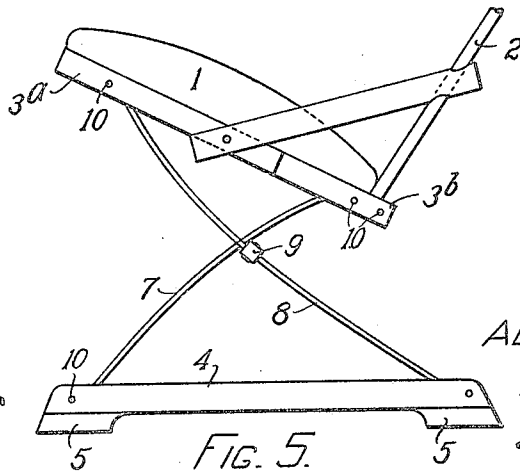


FIG. 5.

WITNESSES  
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## BASE-ROCKER.

No. 821,055.

Specification of Letters Patent.

Patented May 22, 1906.

Application filed April 29, 1905. Serial No. 257,998.

*To all whom it may concern:*

Be it known that I, ALBERT H. ORDWAY, a citizen of the United States, and a resident of South Framingham, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Base-Rockers, of which the following is a specification.

The object of my invention is to produce in a base-rocker an article which is light, inexpensive, devoid of friction, and yet durable. I accomplish this result by sustaining all the weight directly on the springs, which replace the legs, and therefore dispense with the usual auxiliary frame.

It will be thus seen that the essential features of my base-rocker are the seat-frame and base, connected by yielding cross-legs.

In the drawings, Figure 1 is a side view of my base-rocker. Fig. 2 is a partial front view. Fig. 3 is a plan view with the seat removed. Fig. 4 is a section on line 4 4 of Fig. 1 looking in the direction of the arrow. Fig. 5 is a partial side view of the chair in its tilted position.

1 is the seat, and 2 the back, which are of ordinary construction.

3 is the seat-frame, the sides of which I prefer to make of two pieces 3<sup>a</sup> 3<sup>b</sup> for a purpose hereinafter described.

4 4 are the base-pieces, each provided with two feet 5 5, here fastened by means of screws 6.

7 8 are the yielding legs, (here shown as metal rods in sets of three,) the ends being fitted into recesses in side pieces 3<sup>a</sup> 3<sup>b</sup> and the base-pieces 4 4. It will be noticed by dotted lines in Fig. 1 and also in Fig. 4 that these recesses extend entirely through the base-pieces 4 4, but only partially through the side pieces 3<sup>a</sup> 3<sup>b</sup>. This is to facilitate removal of the springs. The feet 5 5, forming a suitable abutment to receive the thrust thereof when the chair is in use, can be readily removed when it is desired to dismantle the same.

9 is a tie-bar for stiffening legs 8, and it also serves as a stop for legs 7 to limit the backward motion, as seen in Fig. 5. This bar 9 serves not only to stiffen legs 8, but to prevent lateral distortion of same, which would allow the legs 7 and 8 to contact and cause noise and friction.

10 10 are rivets for strengthening the frame. As the yielding legs here shown are

driven into the recesses in the base and seat-frame, it is advisable to employ these rivets 10 10 to prevent splitting of the wood.

It will be noticed in Fig. 2 that the legs 7 8 do not touch in crossing each other, although they could be made to interlace without departing from the spirit of my invention. My object in here carrying legs 7 well inside of legs 8 is to avoid friction and noise. To accomplish this, I make the side pieces of seat-frame 3 in two pieces 3<sup>a</sup> 3<sup>b</sup> to give the proper offset for receiving the legs in the desired position. Of course these side pieces can be made from one block formed with the proper offset for accomplishing the same result; but by making the side pieces in two parts it is found that the assembling is very much facilitated. Side pieces 3<sup>a</sup> 3<sup>b</sup> are held together by means of screws 11 11.

Stop-bar 9 can be made adjustable, if desired.

What I claim is—

1. In a base-rocker, a seat-frame, a base having removable feet, offset pieces on the seat-frame, sets of yieldable members connecting the offset pieces with the base, each set of said members diagonally arranged with respect to one another, and an adjustable stop carried by one of said members immediately below the point of intersection of the other set of members.

2. In a base-rocker, a seat-frame, a base having removable feet, offset pieces at opposite sides of the seat-frame, yieldable legs arranged in series and diagonally of one another, one end of a pair of the series of said legs connected to the offsets at the rear of the seat-frame, and the other end thereof to the forward portion of the base, one end of the other pair of the series of said legs connected to the forward part of said seat-frame and the other end to the rear of said base, and a shiftable stop-bar connected to a pair of a series of said legs and arranged below the point of intersection of the other series of legs for limiting the backward movement of the seat-frame.

In testimony whereof I have affixed my signature in presence of two witnesses.

ALBERT H. ORDWAY.

Witnesses:

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