E. Smith, Jr.,

Oscillating Chair,

No. 70,756, Patented Nov. 12, 1867.

Fig. 2.

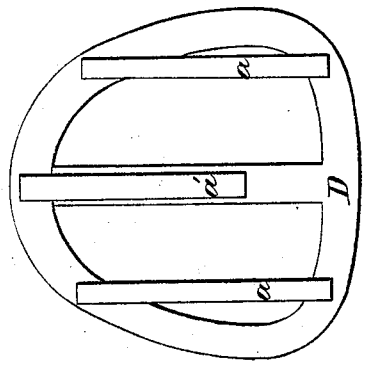
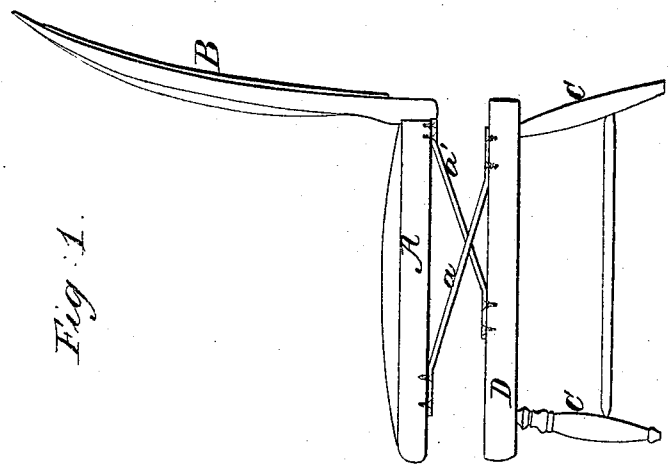


Fig. 1.



Witnesses
Thurlow S. Johnson
James Grinnell

Inventor,
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United States Patent Office.

EDMUND SMITH, JR., OF WORCESTER, ASSIGNOR TO ALBERT GOODSPEED, OF HUBBARDSTON, MASSACHUSETTS.

Letters Patent No. 70,756, *dated November* 12, 1867.

IMPROVED SPRING ROCKING-CHAIR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, EDMUND SMITH, Jr., of the city and county of Worcester, in the State of Massachusetts, have invented an improvement in Spring Rocking-Chairs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention is applicable to that class of chair which has a stationary frame or stool below, and separate from the seat and back, and is not designed to form a spring seat, or, in other words, to have much if any direct perpendicular spring, but to give an easy rock back and forward, at the pleasure of the occupant. To these ends its nature consists in placing bracings springs between the stool and seat, in such a manner that they tend to keep the seat in a level position, yet by their elasticity allow it to tip back and forward, and give the rocking motion desired.

Figure 1 is a side view of a chair with my improvements.

Figure 2, showing the arrangement of the springs on the stool, the seat being removed.

A is the seat, B the back, fast to the seat, C C the legs, D the top of stool, made low enough to allow room for the springs *a a* and *a'*, which are fastened at their ends to the top D and seat A, they being placed crosswise, as shown in fig. 1. This position gives the bracing stability desired, and leaves the springs to control the tip or rock.

I am aware that rocking-chairs have been made with the feet or legs stationary; and it is evident that more springs might be used, or spiral ones combined with those shown, and my improvement applied to all kinds or forms of chairs, cradles, or similar articles of furniture that it may be desirable to rock.

In combination with the frame and seat of a chair, I claim the springs *a a' a''*, with their opposite ends fastened respectively towards the front and rear of the chair, all arranged and combined substantially in the manner and for the purposes above set forth and described.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

E. SMITH, JR.

Witnesses:

THEODORE L. JOHNSON,

JAMES G. ARNOLD.