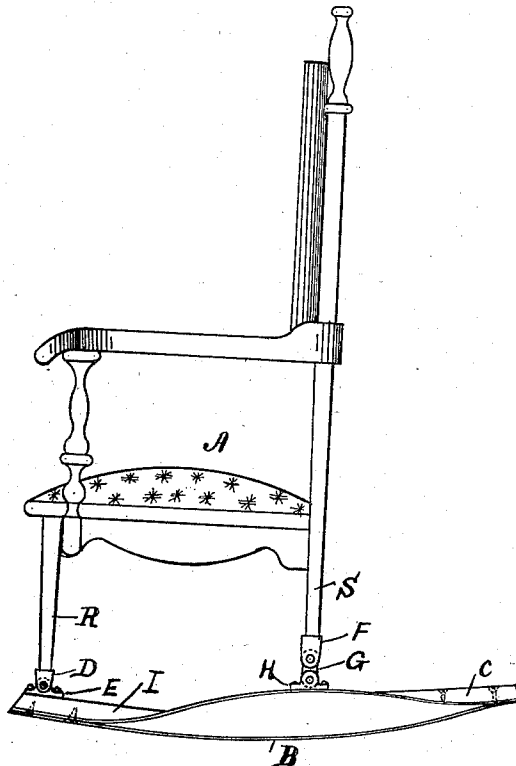


(No Model.)

S. E. BLAKE.  
ROCKING CHAIR.

No. 558,709.

Patented Apr. 21, 1896.



*Witnesses.*

*Charles Marien.*

*M. Mc Donald.*

*Inventor:*

*Solomon E. Blake.*

*by Thurman & Libby,*

*Attorneys.*

# UNITED STATES PATENT OFFICE.

SOLOMON E. BLAKE, OF INDIANAPOLIS, INDIANA.

## ROCKING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 558,709, dated April 21, 1896.

Application filed July 31, 1895. Serial No. 557,889. (No model.)

*To all whom it may concern:*

Be it known that I, SOLOMON E. BLAKE, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Rocking-Chairs; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which forms a part of this specification.

My invention relates to an improvement in rocking-chairs; and it consists in certain novel features of construction, combination, and arrangement of parts, which will be fully described hereinafter, and more particularly referred to in the appended claim.

The object of my invention is to construct a rocking-chair provided with spring rockers which are secured to the legs of a chair.

A further object is to produce an easy rocking-chair which is especially adapted for the use of invalids and old people.

The invention is clearly illustrated in the accompanying drawing, which, with the letters of reference marked thereon, forms a part of this specification.

The figure is a side view of my invention, showing the springs attached to the chair.

In the drawing, A represents the chair, S the back posts, and R the front posts. The posts R have the brackets D secured to their lower ends, adapted to receive the brackets E, which are fastened to the wood strips I in the front and pivoted to the brackets D in order to relieve the front post of the strain when rocking. The rear brackets H are riveted fast to the top sections of the springs and are connected to the brackets F by means of

the links G. Said links have the functions of an equalizer to relieve the frame of the chair from strain when the springs are deflected when rocking.

B represents the spring-rockers, preferably made of single pieces of steel bent to elliptical form, and the ends are riveted together at the front of the rocker and are secured to the strips I. Said rivets are flush with the lower surface of the springs. The center of the ellipse is directly under the rear posts S, where most of the weight is carried. C are simply wood filling-pieces screwed to the rear of the rockers.

A pair of rockers of the construction herein shown and described may be constructed of either flat or round spring-steel, as may be preferred, either of which makes a very strong and substantial rocker at a very small cost.

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

The combination of a chair, having a pair of elliptical spring-rockers each made of a single piece of spring-steel, brackets to pivotally connect the front posts of the chair to front of said rockers; brackets rigidly secured to the rear posts of the chair and brackets attached near the center of the ellipse of the rockers at the top; and equalizing-links pivotally connecting the rear brackets of the chair to the rear brackets of the rockers to relieve the frame of the chair from strain, substantially as shown and described.

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

SOLOMON E. BLAKE.

Witnesses:

W. R. CRAWFORD,  
WESLY McCARTY.