

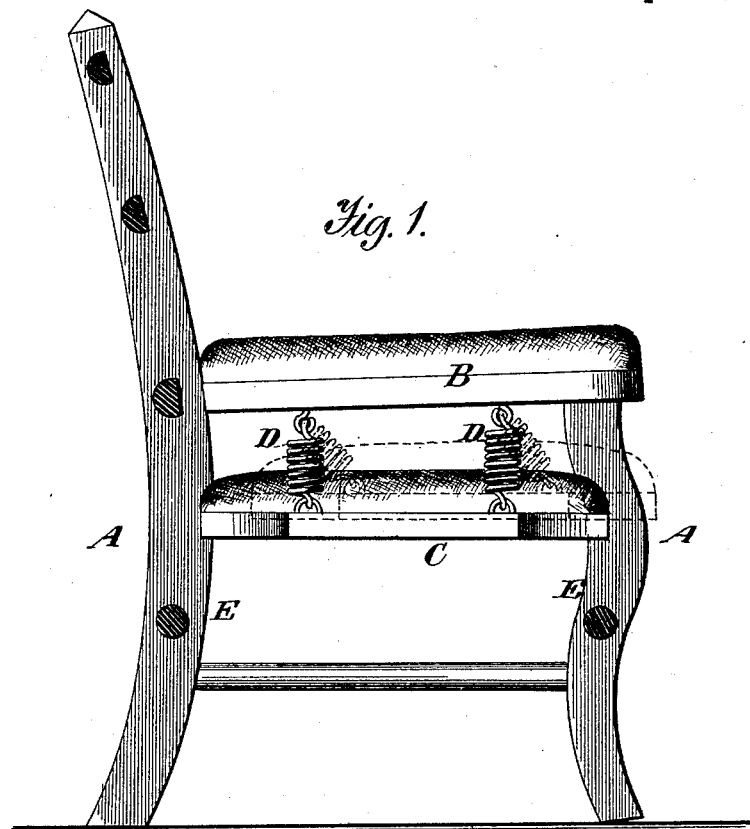
(No Model.)

T. A. McFARLAND.

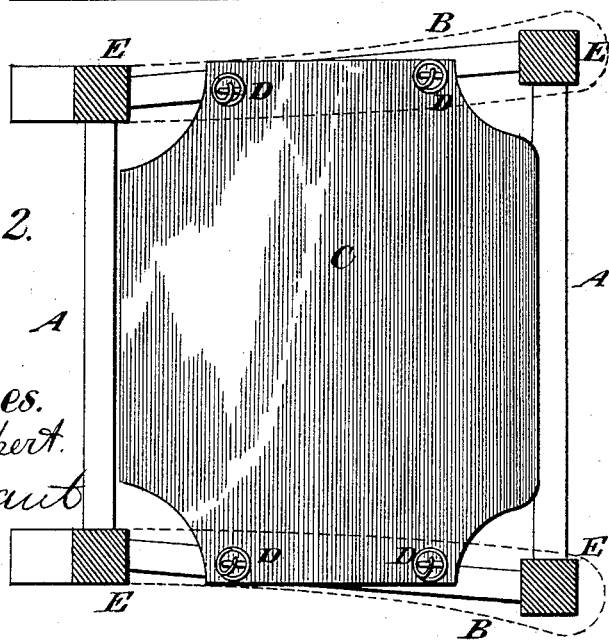
CHAIR.

No. 348,633.

Patented Sept. 7, 1886.



*Fig. 2.*



Witnesses.  
A. Ruppert.  
R. E. Grant

Inventor.  
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Thomas P. Simpson  
att'y

# UNITED STATES PATENT OFFICE.

THOMAS ATKINSON McFARLAND, OF MEADVILLE, PENNSYLVANIA.

## CHAIR.

SPECIFICATION forming part of Letters Patent No. 348,633, dated September 7, 1886.

Application filed August 12, 1885. Serial No. 174,189. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS ATKINSON McFARLAND, of Meadville, Crawford county, Pennsylvania, have invented an Improved  
5 Seat Attachment to Chairs, of which the following is a specification.

The object of the invention is to cause the seat not only to have an up-and-down but also a rocking or swinging motion.

10 Figure 1 is a vertical section through back and seat; and Fig. 2, a horizontal section, which is in a plane passing under the arms.

In the drawings, A represents the chair-frame; B, the arms; and C, the seat suspended  
15 from the arms by the spiral springs D, of which there are preferably four, two being pendent from each arm.

In order to give the desired rocking motion as well as an up-and-down one, it is obvious  
20 that the corners and parts next thereto must be set at such distance from the legs E that room will be allowed for the swinging motion.

The sitter can thus not only, by pressing the floor, raise himself up and down, but can vary the exercise by rocking himself back and for-  
25 ward.

I am aware that chair-seats have been arranged upon subjacent springs, but believe that no one has ever suspended the seat so as to bring it beneath the springs for the purpose  
30 of permitting an up-and-down as well as a forward-and-back rocking motion; hence

What I desire to protect by Letters Patent is—

The combination, with a chair-frame hav-  
35 ing arms and legs substantially as described, of the seat C and springs D, said seat being cut away at the corners and suspended by the springs from the arms to swing clear of the legs, substantially as shown and described.

THOMAS ATKINSON McFARLAND.

Witnesses:

CHAS. E. RICHMOND,  
A. B. RICHMOND.