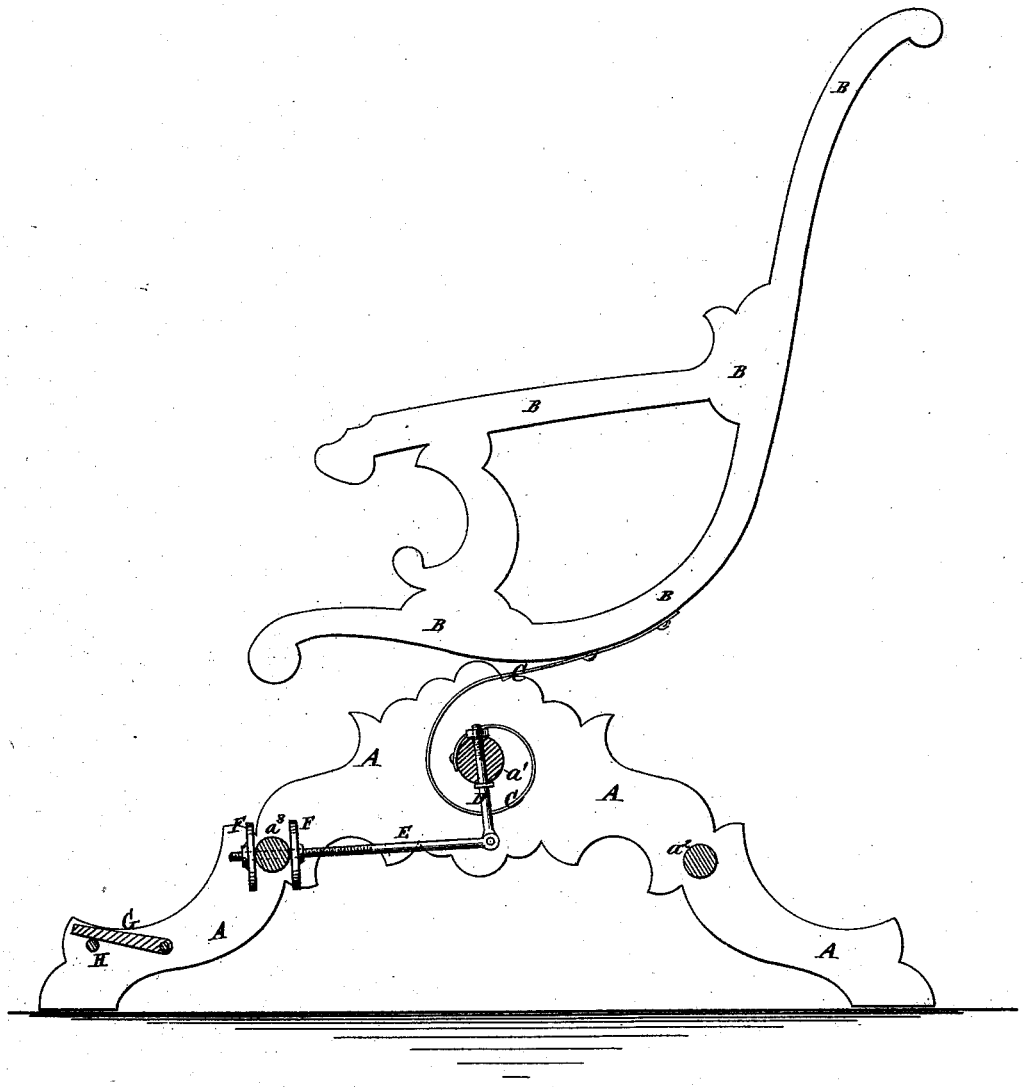
S. FALLON.

Spring Rocking-Chair.

No. 168,148. Patented Sept. 28, 1875.



WITNESSES:

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UNITED STATES PATENT OFFICE.

STEPHEN FALLON, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SPRING ROCKING-CHAIRS.

Specification forming part of Letters Patent No. **168,148**, dated September 28, 1875; application filed November 14, 1874.

To all whom it may concern:

Be it known that I, STEPHEN FALLON, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Spring Rocking-Chair, of which the following is a specification:

The figure is a side view of my improved chair, partly in section through the pedestal to show the construction.

The invention will first be fully described, and then pointed out in the claim.

A represents the base frame or pedestal of the chair, which consists of two side frames, connected at their upper middle parts, and at their rear and front parts, by rounds a^1 a^2 a^3. The upper middle parts of the side frames of the pedestal A project upward at the sides of the seat-frame B sufficiently to prevent the said seat-frame from having a lateral movement. To the seat-frame B are attached two or more springs, C, which are coiled around, and their other ends are attached to the top or center round a^1, the ends of which work in sockets in the side frames A. The springs C thus form the only connection between the seat-frame B and the pedestal A, so that the seat is both supported by them and rocked or oscillated upon them. To the middle part of the round a^1 is attached a short arm, D, to the downwardly-projecting end of which is pivoted or hinged the rear end of the bar or rod E, the forward end of which has a screw-thread cut upon it, passes through the forward round a^3, and has two nuts or hand-wheels, F, screwed upon it, one upon each side of the said round a^3, so that by adjusting the said hand-nuts F the tension of the springs C may be conveniently and quickly adjusted, according to the weight of the person using the chair, or the amount of motion he may wish the chair to have. By this construction the springs C give great elasticity to the chair, and allow it to have a gentle rocking or oscillating motion. G is a foot-board, which is pivoted at its rear corners to the side frames of the pedestal A, so that it can be turned up into a vertical position when not required for use. The foot-board G, when turned down, rests upon stops H, attached to the forward parts of the side frames of the pedestal A.

This construction allows persons sitting in the chair to rest their feet upon the board G, or upon the floor, as may be desired, or may be most convenient.

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

The combination of cross-bar a^1, the arm or bolt D, the pivoted or hinged bar or rod E and the hand-nuts F with the pedestal A, the seat-frame B, and the coiled springs C, substantially as herein shown and described.

STEPHEN FALLON.

Witnesses:

JAMES T. GRAHAM,

T. B. MOSHER.