

H. PARRY.  
TILTING CHAIR.

No. 181,007.

Patented Aug. 15, 1876.

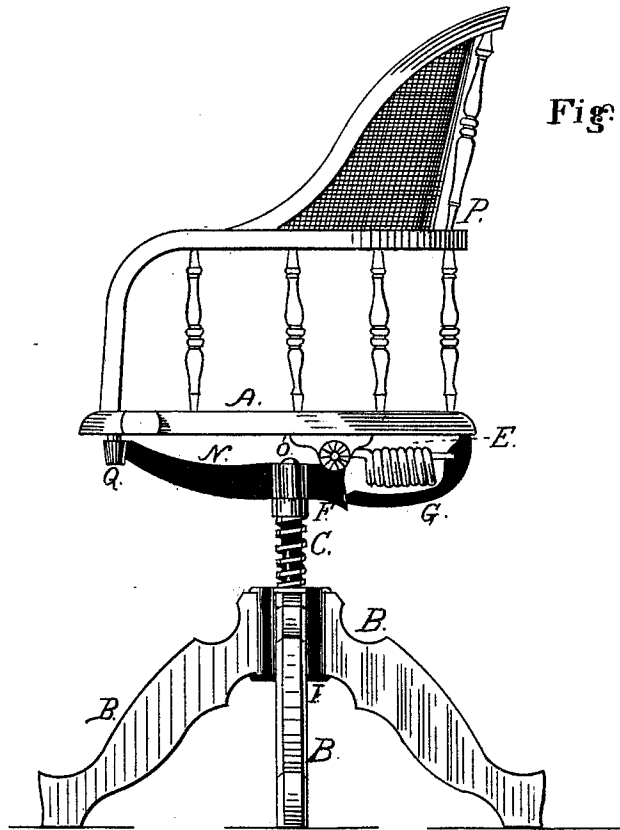


Fig. 1.

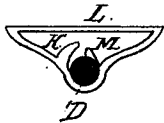


Fig. 3.

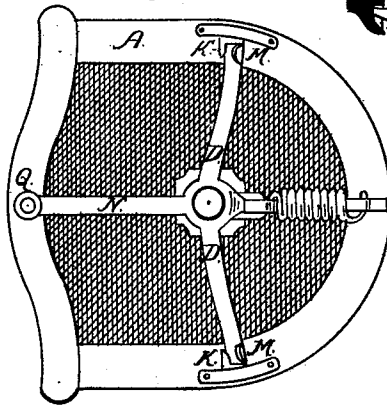


Fig. 2.

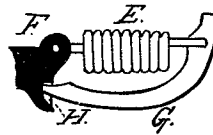


Fig. 4.

WITNESSES:

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INVENTOR:

*Harry Parry*

# UNITED STATES PATENT OFFICE.

HARRY PARRY, OF MILWAUKEE, WISCONSIN, ASSIGNOR TO EMPIRE CHAIR MANUFACTURING COMPANY, OF SAME PLACE.

## IMPROVEMENT IN TILTING CHAIRS.

Specification forming part of Letters Patent No. 181,007, dated August 15, 1876; application filed June 12, 1876.

*To all whom it may concern:*

Be it known that I, HARRY PARRY, of Milwaukee, in the county of Milwaukee, in the State of Wisconsin, have invented certain Improvements in Chairs, of which the following is a specification:

My invention has for its object the arrangement of a chair with a spring under the seat, so as when the seat is tipped back it will bring it forward again. It is a device designed as an office-chair, with a screw under the center of same, so that by turning the seat it will be raised or lowered so as to suit the person sitting in it; and the person may tip the seat back till the stop on the seat will strike a corresponding stop on the cross-bar, and the spring will bring the seat back to a level position.

Figure 1 is a side view of my invention; Fig. 2, a view of the bottom of the seat; Fig. 3, a view of the stop on the chair and end of the cross-bar; Fig. 4, a sectional view, showing the spring and its connections.

A is the seat of the chair; B, the legs of same; C, a screw with cross-bar D attached to head of same, and screwing into a block fitted into the center of legs B; E, a spring,

which hooks into a hole in ear F in the cross-bar D at one end, and at the other end hooking into a bowing lever, G, the other end of lever G resting in a socket, H, in the center of cross-bar D; I, block forming the center of legs B; K, a stop on ear-piece L, attached to the bottom of each side of the chair-bottom; M, a stop on each end of cross-bar D, which, as the top of the chair is tipped back, strikes against the stop K, and prevents the top from tipping too far back, or from its tipping over if the spring E should break; N, a bar running from the center of cross-bar D to the front of the seat; O, the cane seat; P, the top of the chair; Q, the front of seat A, resting on the end of bar N.

I claim as new and as my invention—

1. The combination of spring E, hooking into ear F, and lever G, having its inner end resting in socket H, substantially as described.

2. The combination of chair-seat A, cross-bar D, ear L, and stops K and M, substantially as described.

HARRY PARRY.

Witnesses:

J. B. SMITH,  
JOHN C. SPENCER.