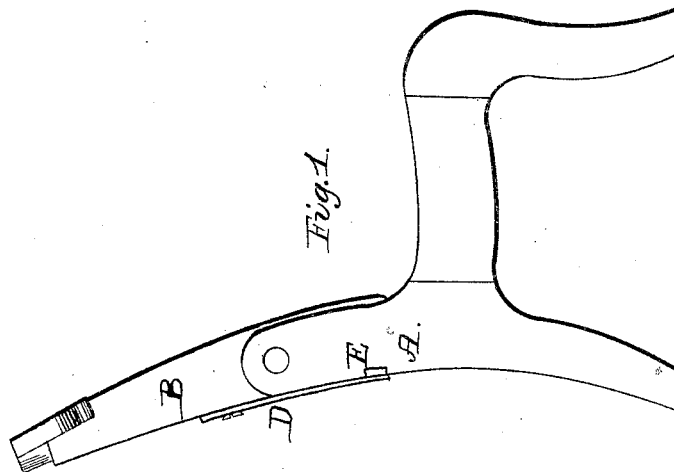
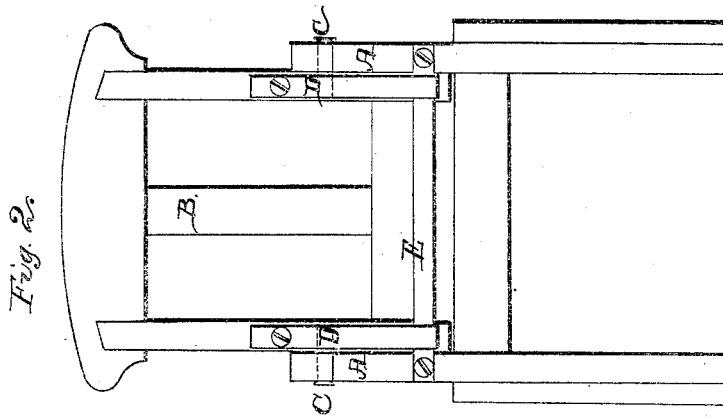


R. H. STAPLES.  
 SPRING BACK CHAIR.

No. 44,987.

Patented Nov. 8, 1864.



Witnesses

Abiel Pevey  
 George L. Pevey

Inventor:

Robert H. Staples.

# UNITED STATES PATENT OFFICE.

ROBERT H. STAPLES, OF LOWELL, MASSACHUSETTS.

## IMPROVED SPRING-BACK CHAIR.

Specification forming part of Letters Patent No. 44,987, dated November 8, 1864.

*To all whom it may concern:*

Be it known that I, ROBERT H. STAPLES, of Lowell, county of Middlesex, and State of Massachusetts, have invented new and useful Improvements in Self-Adjusting Spring-Back 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, making a part of this specification.

The nature of my invention consists in the arrangement and construction of the springs and mounting the back of chairs on pivots, as hereinafter set forth.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 represents a side elevation of a chair with my invention attached. Fig. 2 represents a back elevation of the same.

A represents the stationary back and legs;

B, the adjustable back; C, the pivots; D, the springs; E, the connecting-bar.

The person being seated, the back B adapts itself to the convenience and ease of the occupant by turning on the pivots C in the bearings of the stationary back A, the back B receiving its pressure or relaxation, at the will of the occupant, by means of the springs D. The occupant having risen, the adjustable back B resumes its former position by means of the springs D, and is stopped at a given point by the connecting-bar E.

What I claim as my invention, and desire to secure by Letters Patent, is—

The backs of chairs, mounted on pivots, in combination with the springs, substantially as described, and for the purposes set forth.

ROBERT H. STAPLES.

Witnesses:

AHIEL PEVEY,  
GEORGE E. PEVEY.