T. D. Judah,

Chair.

No. 35,761. Patented July 1, 1862.

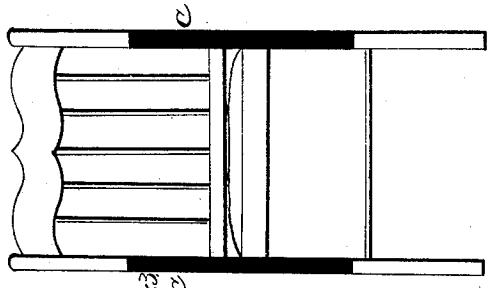


Fig. 3.

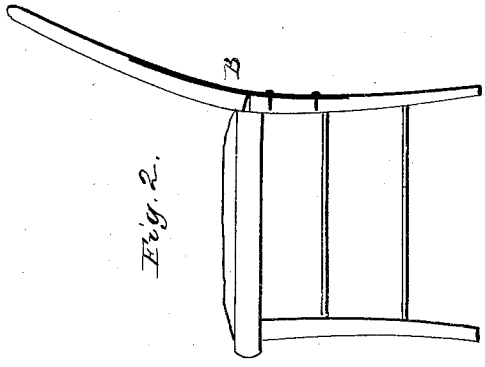


Fig. 2.

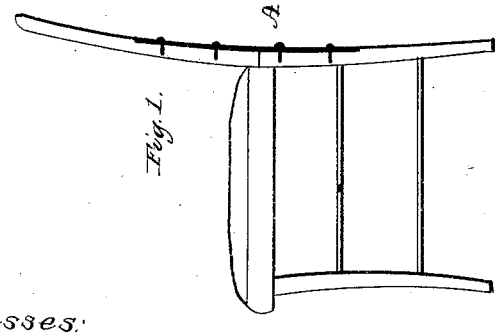


Fig. 1.

Witnesses:

J. L. Hayes

A. Moore

Inventor:

Thos. D. Judah.

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UNITED STATES PATENT OFFICE.

THEODORE D. JUDAH, OF SACRAMENTO, CALIFORNIA.

IMPROVED SPRING-BACK CHAIR.

Specification forming part of Letters Patent No. **35,761**, dated July 1, 1862.

To all whom it may concern:

Be it known that I, THEODORE D. JUDAH, of the city and county of Sacramento, and State of California, have invented a new and useful Improvement in the Construction of Chairs, consisting in the application or attachment of springs of any suitable material or form, which, in connection with a joint in the chair-back near the seat, renders the chair-back flexible and allows it to yield to the pressure of a person leaning against it, and to resume its original position when the pressure is withdrawn; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of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.

The nature of my invention consists in the application of one or more springs, adjustable to the back of a chair, reaching from the lower part of the chair upon which the seat rests to the upper portion of the chair-back against which the body leans, which, in connection with a joint in the chair-back, allows the same to yield to the pressure of the body leaning against it, and to resume its natural position when the pressure is withdrawn, rendering the chair-back flexible and adding to the comfort and ease of a sitting posture therein.

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

Upon the back of the two legs or ribs forming the frame of the chair-back I attach springs fitted to the form of said ribs, and being generally of the same width as the thickness of said ribs or legs, and being of a sufficient thickness to give the proper flexibility and of a length sufficient to fasten the same firmly into said ribs or legs above and below the joint and insure its stability.

In the accompanying drawings (marked C) is shown an end view of chair, showing a front view of said springs, their position, and the manner of fastening the same, which is to be by means of screws, bolts, or clamps. Figure A shows a side view of chair and springs attached, showing the chair-back in its natural position. Fig. B is a side view of chair and springs attached, showing the position of chair-back with pressure applied against it.

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

The use of flat springs to the back of chairs when said springs act in the back above the seat over a joint or joints of the chair-frame, substantially as and for the purpose described.

THEODORE D. JUDAH.

Witnesses:

THOMAS EWING, Jr.,

J. R. ROBINSON.