

(Model.)

T. HOFSTATTER, Jr.
RECLINING CHAIR.

No. 246,509.

Patented Aug. 30, 1881.

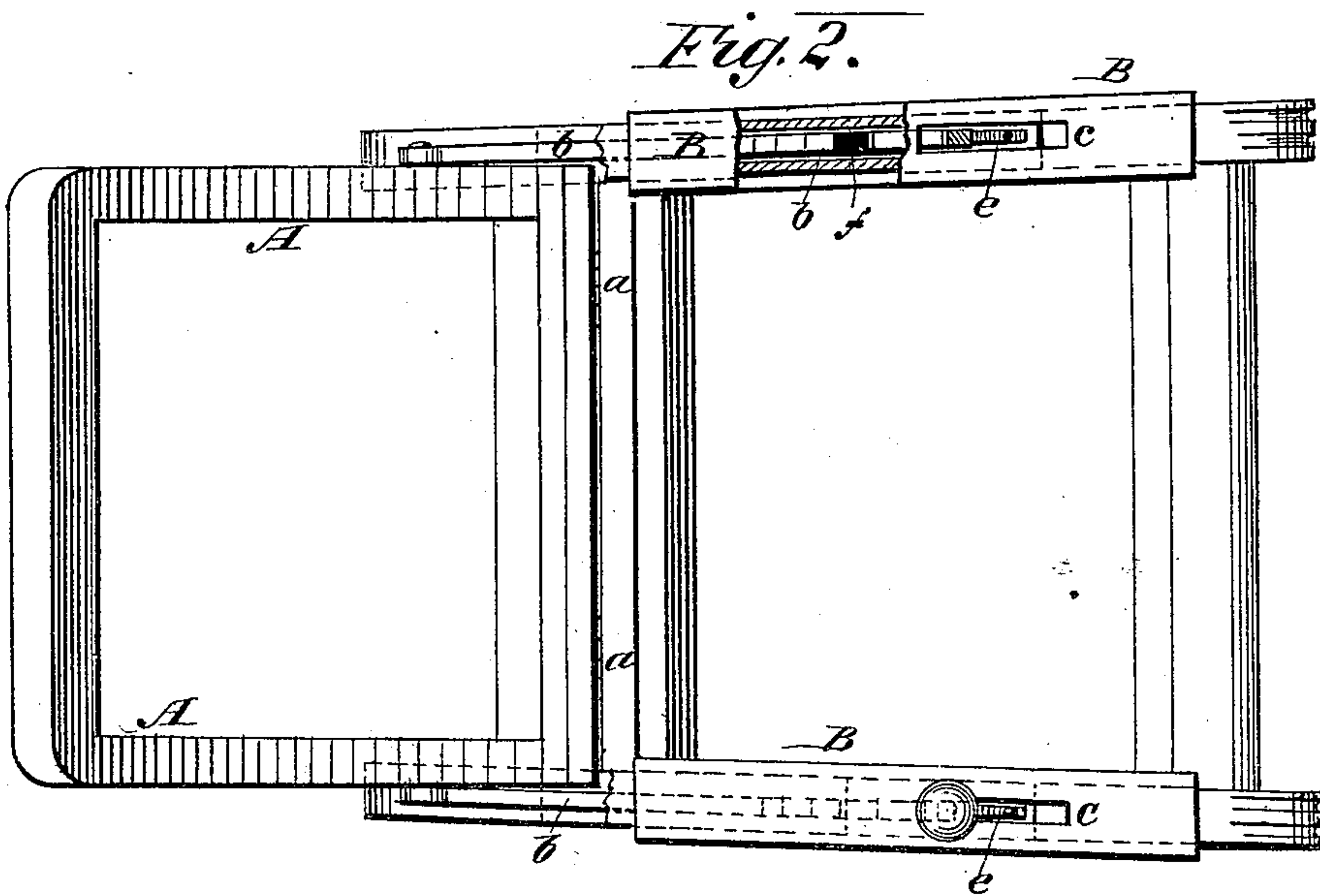
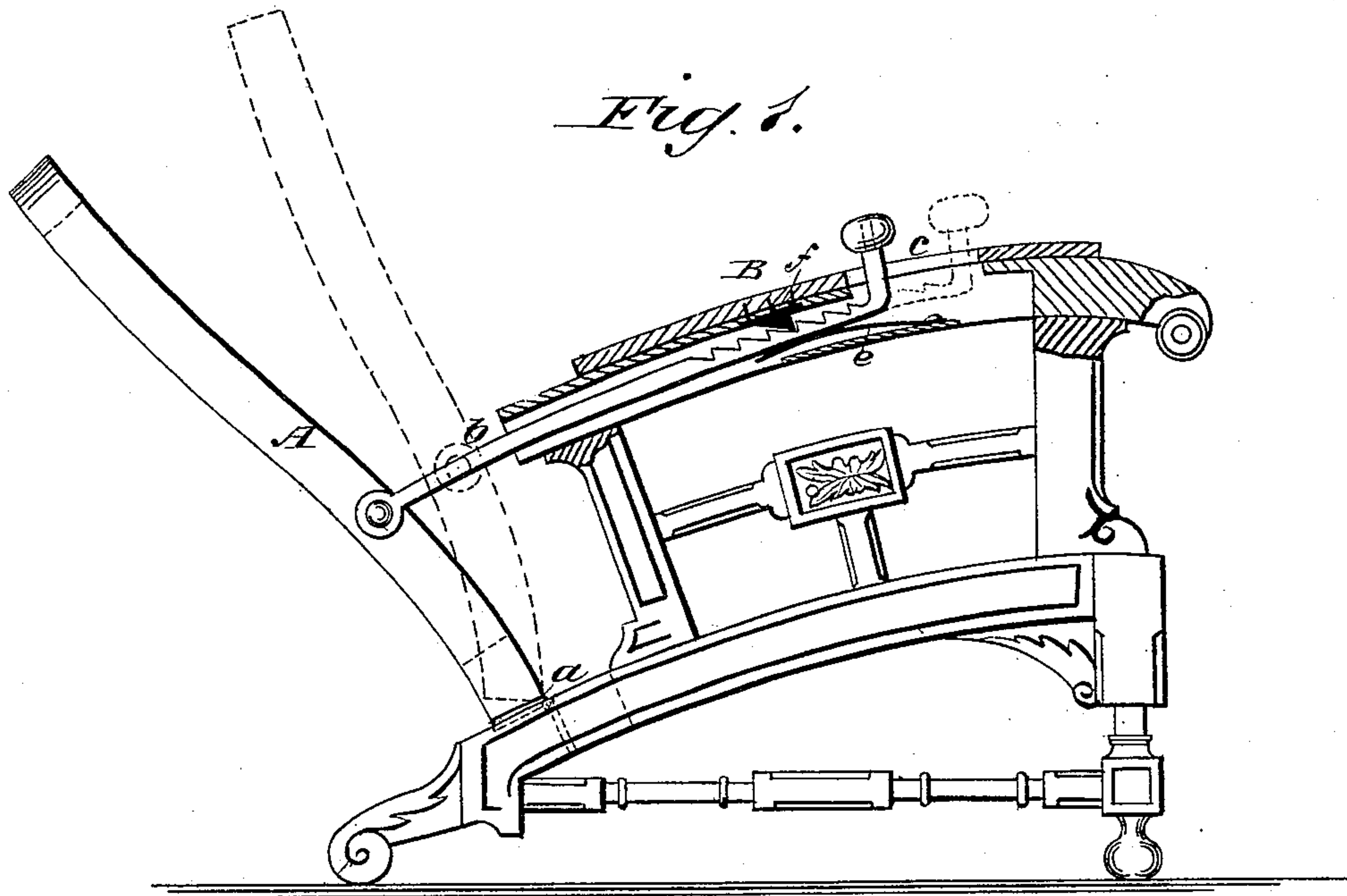
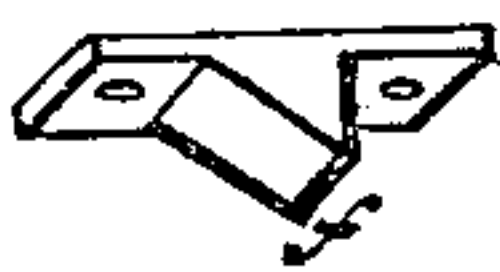


Fig. 3.



WITNESSES:

Francis McArde,
C. Sedgwick

INVENTOR:

T. Hofstatter Jr.
BY *Munn & Co.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

THEODORE HOFSTATTER, JR., OF NEW YORK, N. Y.

RECLINING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 246,509, dated August 30, 1881.

Application filed January 18, 1881. (Model.)

To all whom it may concern:

Be it known that I, THEODORE HOFSTATTER, Jr., of the city, county, and State of New York, have invented a new and useful Improvement in Reclining-Chairs, of which the following is a specification.

My invention relates to chairs having backs adjustable for varying their inclination to the seat; and the object of the invention is to furnish a chair of that general character which can be readily manipulated by the occupant. Further, the object is to dispense with the cumbersome and unsightly mechanism usually employed.

In the accompanying drawings, Figure 1 is a partly-sectional side elevation of a reclining-chair of my improved construction; and Fig. 2 is a plan view of the same, partly broken away.

Similar letters of reference indicate corresponding parts.

The chair-frame may be of any suitable form or style.

B B are the seat-arms, and A the back, hinged at *a* to the back of the seat-frame.

b b are ratchet bars or arms, pivoted to the sides of the back A and extending into the arms B B. The arms are formed hollow nearly their whole length to receive the bars *b*, and are formed with slots *c* at their upper side to receive the ends of arms *b*, which are bent upward through such slots, so that the swinging

movement of the back is limited by the length of the slots.

To the under side of the hollow seat-arms are fixed plates, on which are attached springs *e e*, that bear the under side of arms *b b*; and within the arms B, above the ratchet-arms, there are lugs or projections *f f*, which engage with the teeth of the arms *b*, so as to prevent them from sliding backward. The lugs *f* are formed on plates (see Fig. 3) that are attached to the arms. The bent ends of the arms *b*, that project through the slots, have knobs, which, being pressed down, relieve the ratchet-teeth from the lugs *f*, and thereby allow the back A to be moved. On release of the knobs the springs *e* throw the arms up into contact with the holding-lugs. The knobs are in a convenient position for use by the person occupying the chair.

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

In a chair, the ratchet-bars *b b*, pivoted to the sides of a hinged back and having the free ends turned up at right angles, in combination with hollow slotted arms B, having lugs *f f*, and the plates carrying springs *e e*, all arranged substantially as shown and described.

THEO. HOFSTATTER, JR.

Witnesses.

GEO. D. WALKER,
C. SEDGWICK.