

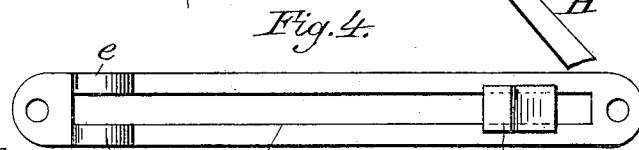
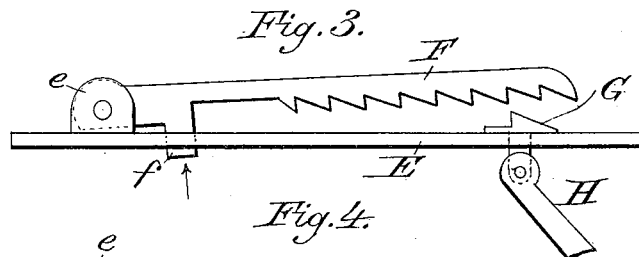
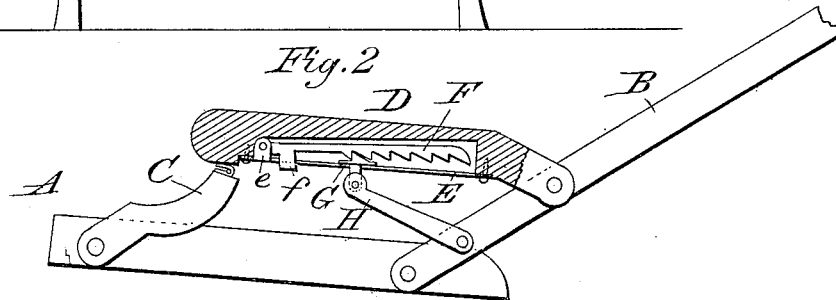
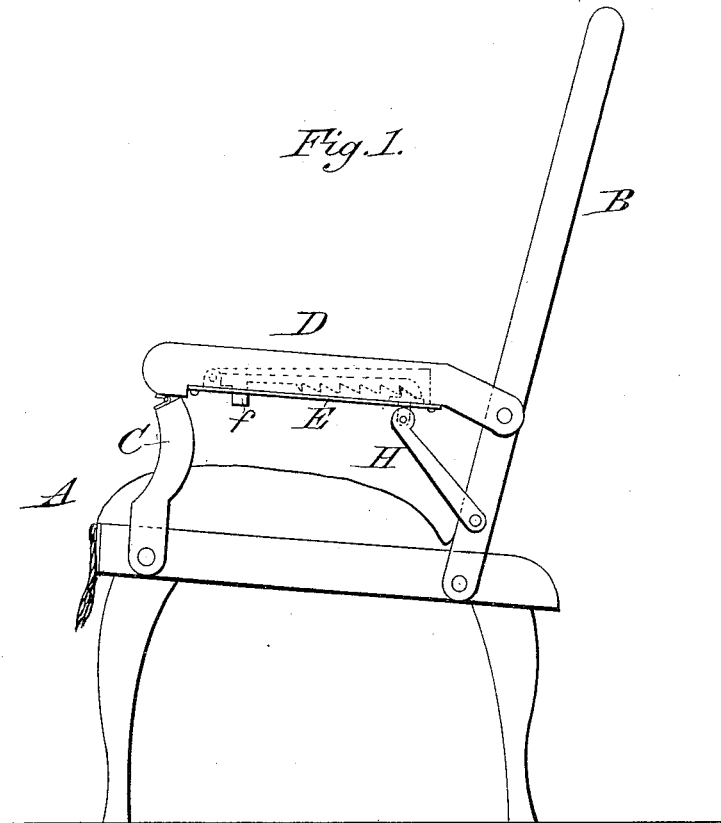
(No Model.)

H. H. ELBREG.

RECLINING CHAIR.

No. 263,395.

Patented Aug. 29, 1882.



Witnesses:

J. H. Schott
Jno. A. Stockman.

Per C. H. Watson

Inventor

G. Henry H. Elbreg
Attorneys.

UNITED STATES PATENT OFFICE.

HENRY H. ELBREG, OF INDIANAPOLIS, INDIANA.

RECLINING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 263,395, dated August 29, 1882.

Application filed May 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY H. ELBREG, a citizen of the United States, residing at the city of Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Reclining-Chairs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in reclining-chairs; and it consists more particularly in the construction and arrangement of the locking devices whereby the said chair is adjusted to and secured in its various positions, as hereinafter more fully set forth.

In the annexed drawings, which fully illustrate my invention, Figure 1 is a side elevation of a reclining-chair with the locking device attached thereto. Fig. 2 is a sectional detail of same. Fig. 3 is an enlarged side elevation of the locking device, and Fig. 4 is a plan view of same with rack-bar removed.

Like letters indicate like parts in the several views.

The letter A represents a chair having its back B pivoted at or near the rear end of the seat-frame, and having standards C pivoted to the front end of said seat-frame.

Pivoted to the chair-back B, on each side, are arms D D, whose forward ends are hinged or otherwise suitably pivoted to the standards C C.

To the under faces of the arms D D are attached slotted plates E E, having lugs or projections *e e* formed on their upper faces, near their forward ends, which fit in the forward end of an elongated slot or recess formed in the under side of the arm D. A rack-bar, F, having a knob or button, *f*, is arranged in this recess, and is pivoted at its forward end to the lugs *e e* of the slotted plate E.

G is a sliding flanged pawl of the form

shown in Figs. 3 and 4, that rests within and upon the edges of the slot formed in the plate E. The lower end of the pawl G projects through the slot in the plate E, and is pivoted to the forked end of a bar, H, the opposite end of which is pivoted to the chair-back B at any suitable point below the arms and above the seat.

By pressing upward the knob or button *f* on the rack-bar F said rack-bar will be raised from its engagement with the pawl G, and if pressure be now applied to the pivoted standards C or the chair-back B, or both, the chair-back will be thrown backward to any desired position. To lock the back B in the desired position the pressure upon the knob or button *f* is removed and the rack-bar F allowed to drop back to its engagement with the pawl G. When the rack-bar and ratchet-lock are in this relation to each other (see Fig. 2) any further pressure upon the pivoted standards or chair-back will have the effect of causing the adjacent vertical faces of the rack-bar and pawl to jam against each other, thus preventing the chair-back from being thrown any farther to the rear. By exerting a pressure opposite to that above described upon the pivoted standard or chair-back the inclined faces of the rack-bar will slide freely over the inclined face of the pawl, and the said chair-back be raised or carried forward to any desired position.

The knob or button *f* is preferably attached to or formed upon the rack-bar at its forward end, as shown in Fig. 3, as by this means it is within easy reach.

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

1. In a reclining-chair, the combination of the pivoted back B, pivoted standards C, recessed arms D, slotted plates E, pivoted rack-bar F, sliding pawls G, and bars H, pivoted to the back below the arms, all constructed and arranged substantially as shown and described.

2. In a reclining-chair, the combination of the pivoted back B, pivoted standards C, and

recessed arms D, pivoted at their rear ends
to the chair-back, and having their front
ends hinged to the pivoted standards, with
the slotted plates E, having lugs *e e*, rack-
5 bar F, having knobs or buttons *f*, sliding
pawls G, and bars H, pivoted to the back be-
low the arms, substantially as shown and de-
scribed.

In testimony whereof I affix my signature in
presence of two witnesses.

HENRY H. ELBREG.

Witnesses:

S. D. PIERSON,

H. J. EVERETT.