(No Model.) 2 Sheets—Sheet 1.

J. M. TAGGART.

Adjustable Chair.

No. 231,631. Patented Aug. 24, 1880.

Fig. 1.

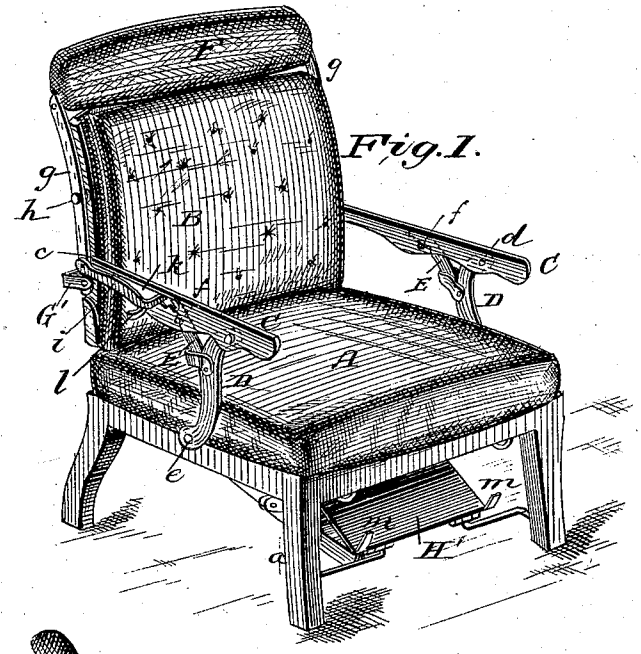
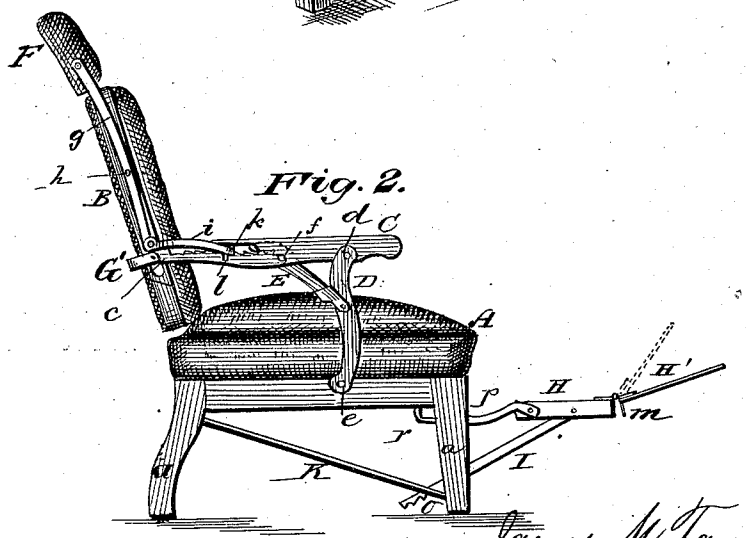


Fig. 2.



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Fig. 3

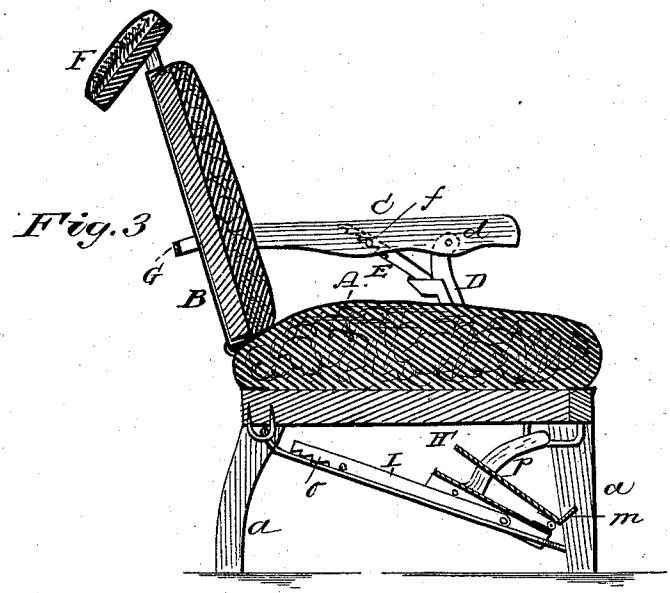


Fig. 4.

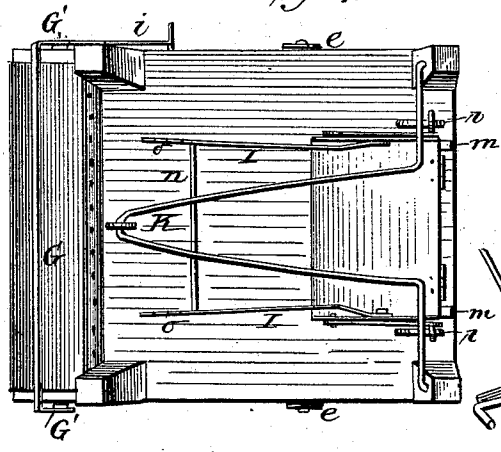
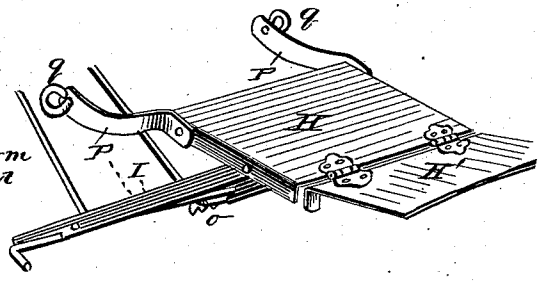


Fig. 5



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UNITED STATES PATENT OFFICE.

JAMES M. TAGGART, OF KANSAS CITY, MISSOURI.

ADJUSTABLE CHAIR.

SPECIFICATION forming part of Letters Patent No. 231,631, dated August 24, 1880.

Application filed April 13, 1880. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. TAGGART, of Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Adjustable Chairs; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of an adjustable reclining-chair embodying my improvements. Fig. 2 is a side elevation of the same. Fig. 3 is a longitudinal vertical section. Fig. 4 is a bottom plan, and Fig. 5 is a perspective view of the adjustable leg-rest with its adjuncts.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to adjustable reclining-chairs or chairs of the class known generally as "reading-chairs" or "invalid-chairs;" and it consists, first, in the construction and combination, with the adjustable back of the chair, of an adjustable head-rest which may be adjusted to any desired position without affecting or disturbing the adjustment of the back or seat of the chair; and, secondly, in the construction and arrangement of parts of an adjustable leg-rest, all as hereinafter more fully described, and particularly pointed out in the claims.

In the two sheets of drawings hereto annexed, A is the seat, provided with legs *a a* and a hinged back, B.

C C are longitudinally-slotted arm-rests, which are pivoted upon the sides of the back at *c* and to arms D, (which are pivoted one upon each side of the seat-frame at *e*,) at *d*. Each of the arms D has a hinged rack-bar, E, which is curved at its upper end and inserted into the hollow or slotted arm-rest C, riding upon a pin, *f*, inserted transversely through the arm-rest; and it follows that the position or angle of the back relative to the chair-seat may readily be adjusted by simply shifting the position of each of the rack-bars E upon its pin *f*, which can readily be done by the occupant of the chair without necessitating any change of position.

F is the head-rest, which may be of a cylindrical or flat shape, and is supported by two arms, *g g*, which are pivoted one upon each side of the hinged back at the point marked *h*. These arms are united at their lower ends by a cross-bar, G, the ends of which are bent, as shown at G′, to fit over the sides of the hinged back when the head-rest is in its most elevated position, or when the pivoted arms *g* are flush with the sides or edges of the back.

That one of the arms *g* which is on the right side of the chair is provided with a pivoted arm or pawl, *i*, the lip of which projects into a slot, *k*, in the corresponding arm-rest, engaging with a series of notches in the lower part of said slot. Pawl *i* has a projecting knob or finger, *l*, for its easy manipulation by the occupant of the chair.

The leg-rest consists of a plate H having a hinged extension, H′, provided with stops *m m*, which prevent its opening or unfolding farther in relation to plate H than in a straight line therewith.

The rear plate, H, is provided with two rearwardly-projecting hinged arms or braces, I I, united by a cross-bar, *n*, at their lower end, and having each a series of notches, *o o*.

Upon each rear end of plate H is hinged an arm, *p*, the upper end of which has an eye, *q*, sliding upon a staple, *r*, which is inserted into the seat-frame.

K is a bifurcated rod or bar, the apex of which is secured under the middle part of the bottom of the seat, while its diverging forward ends are bent each at a right angle and fastened in the front legs, *a a*.

In Fig. 2 I have shown the leg-rest in its extended position, and in Fig. 3 I have shown it folded in under the chair out of the way.

The notched arms I I, which ride upon the forward bent arms of bar K, admit of the adjustment of the rest H H′ at a higher or lower level, as may be desired, while the pivoted arms *p*, sliding upon the staples *r*, permit of the folding of the rest in under the chair, where it is entirely out of the way without interfering in the least with the working of the other adjustable parts of the chair.

The cross-bar G on the back of the chair may do service as a towel or newspaper rack, which is within easy reach of the occupant.

It will also be seen that the adjustment or position of the head-rest is altogether independent of that of the seat and back, and is effected easily and without bodily exertion by simply shifting the position of the pivoted pawl *i* in its slot *k*. This adjustment having been effected, the shifting of the back to a different angle does not affect the position of the head-rest relative to the back by adjusting the rack-bars E in their slotted arm-rests.

It will also be seen that the angle of the leg-rest H H′ may be adjusted relative to the seat by tilting it upon the pivoted arms or brackets I I, which brings the hinged curved arms *p p* up in front of the front edge of the seat, the angle of the leg-rest depending for its pitch upon the adjustment of the notched braces or brackets I I upon bar K.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, with the hinged back B and adjustable arm-rests C C, one of which said arm-rests is provided with a notched slot at *k*, of the adjustable head-rest F, pivoted arms *g g*, united at their lower end by the cross-bar G, and pivoted pawl *i*, substantially as and for the purpose herein shown and set forth.

2. In an adjustable chair, the combination of the seat A, provided with the bent bar K and staples *r r*, rest-board H, provided with the hinged extension H′, having stops *m*, pivoted braces I I, notched at their lower ends and united by the cross-bar *n*, and curved arms *p p*, pivoted at their forward ends in the corners of the rest-board and provided with eyes *q q* at their rear ends riding upon the staples *r r*, substantially as and for the purpose herein shown and set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JAMES MELVIN TAGGART.

Witnesses:
BENTON T. PARSONS,
CHARLES DEMMON.