(No Model.)

# P. A. KRIER & C. MADON.

## RECLINING CHAIR.

No. 301,901. Patented July 15, 1884.

FIG. 2.

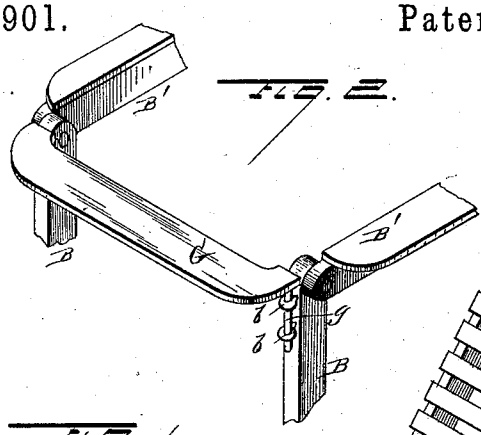
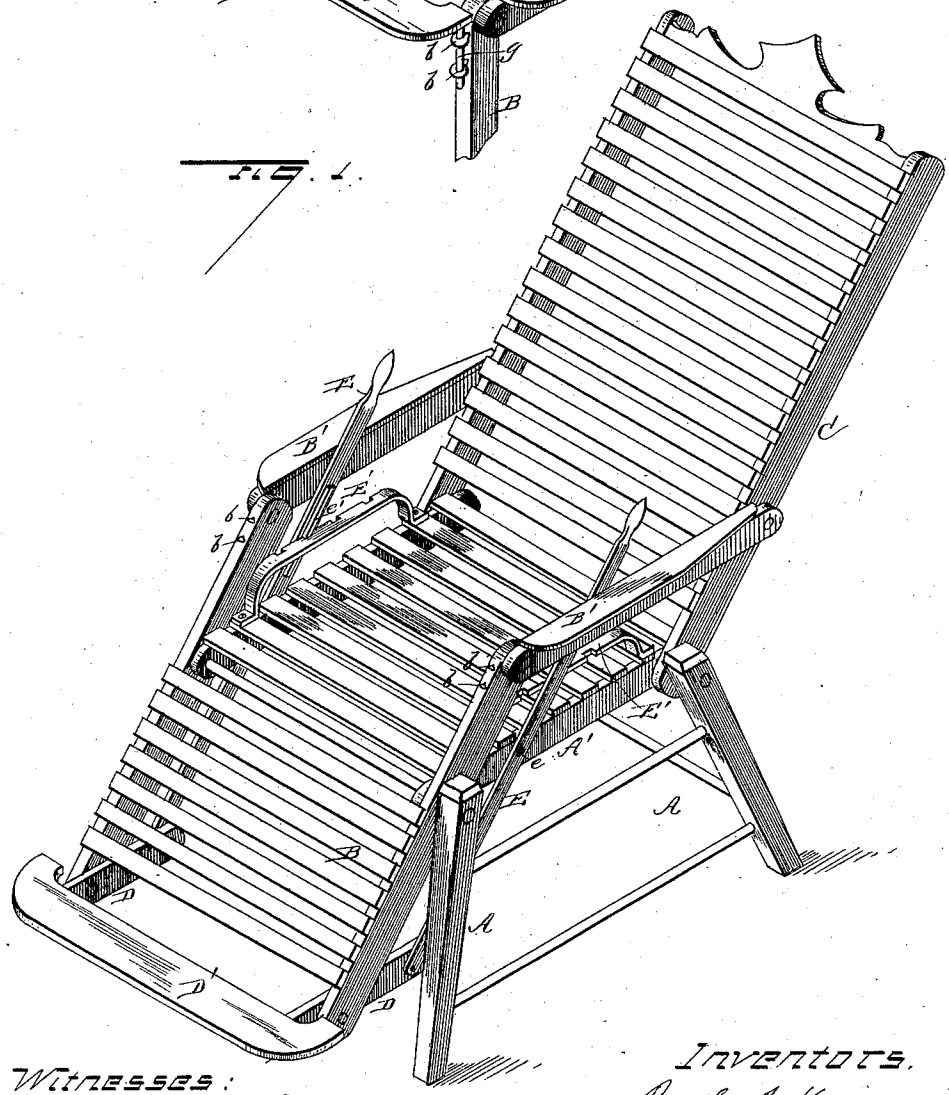



FIG. 1.




Witnesses:

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# UNITED STATES PATENT OFFICE.

PAUL A. KRIER AND CHARLES MADON, OF CHICAGO, ILLINOIS.

## RECLINING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 301,901, dated July 15, 1884.

Application filed September 6, 1883. (No model.)

*To all whom it may concern:*

Be it known that we, PAUL A. KRIER and CHARLES MADON, citizens of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Reclining-Chairs, of which the following is a specification, to wit:

Our invention relates to an improvement in reclining-chairs; and it consists in certain peculiarities of construction and arrangement, substantially as will be hereinafter more fully described, and pointed out in the claim.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of our chair, and Fig. 2 is a detail view of the removable book-rest or table.

A represents the legs and supporting-frame of our chair, which is provided with the seat or bottom A′, as represented. To the forward edge of this bottom A′ is hinged a frame or leg-rest, B, having its side arms extending above their pivotal point, and connected by the arms B′ with the back-frame, C, the latter being hinged or pivoted to the rear edge of the seat or its supporting legs or frame. To the lower ends of the leg-rest B are pivoted two horizontal bars, D D, provided with a foot-rest, D′, on their outer ends, and their inner ends connected to hand-levers E, fulcrumed on the sides of the seat-frame at *e*, and extending upward within convenient reach of the occupant. The seat A′ is provided on each side with a segment-rack, E′, which engage with a tongue, *e′*, upon the inner sides of the adjacent hand-levers E, and retain the chair in any position. The upper extensions of the leg-rest B are each provided with two eyes, *b b*, and in these are removably secured a table or book-rest, G, provided with a downwardly-extending arm or pin, *g*, at each end, adapted to enter the eyes *b b*, as will be seen in Fig. 2.

In operation, if the occupant desires to recline, it is only necessary to press out the hand-levers E to disengage them from the racks, and then the pressure of the back will extend the chair to any desired inclination, and it is held there as soon as the pressure is released upon the levers. When it is desired to lift the device, the levers are again pressed outward, and the pressure upon the back being removed, the weight of the lower lines immediately brings the chair to an elevated position, without in either case compelling the occupant to rise or exert himself in any degree. It will be observed that the relative position of the leg-rest and hand-levers is always parallel to each other. The foot-rest will be always retained in a horizontal position no matter what angle it may assume with reference to the leg-rest by reason of the raising or lowering of the chair.

The table will be found very convenient for reading or writing or for holding dishes or other articles when desired by an invalid, and when not required is removed and secured in similar eyes at the back of the seat A′, where it is out of the way, but may always be at hand when required for use. The frame may be slatted, as shown, or upholstered in any desired manner.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a reclining-chair, the seat A′, legs A, and the hinged leg-rest B, and back C, connected by the arms B′, in combination with the foot-rest D D′, hand-levers E, and racks E′, all constructed and arranged to operate substantially as and for the purpose set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

PAUL A. KRIER.
CHARLES MADON.

Witnesses:
W. C. MCARTHUR,
FRANK JOHNSON.