C. L. Bauder,

Foot Rest,

No. 2,543. Patented Apr. 6, 1842.

Fig. 1

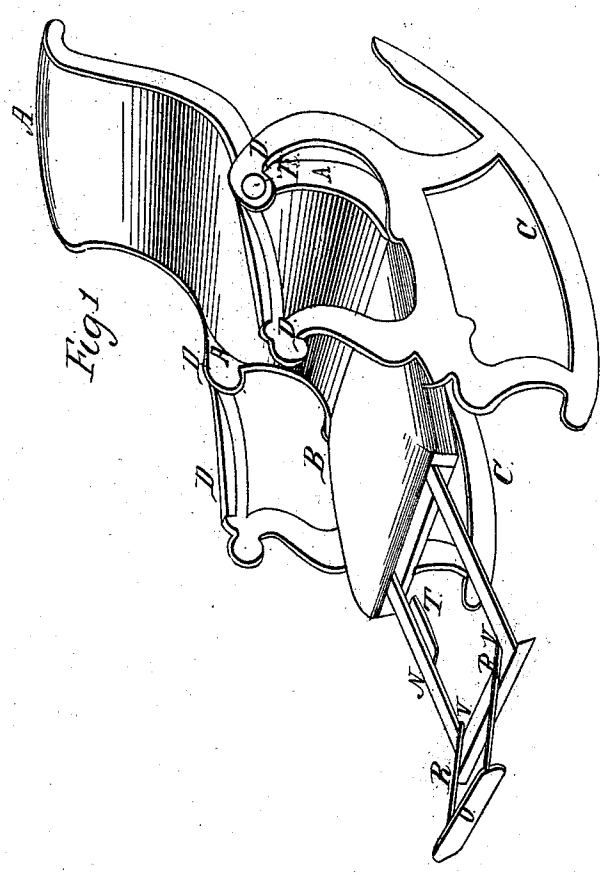


Fig. 3

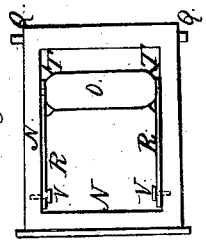


Fig. 2

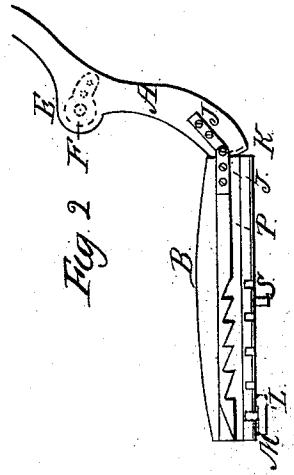


Fig. 4

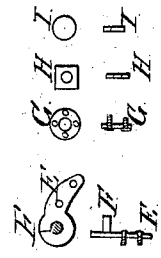
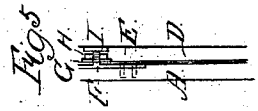


Fig. 5



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHS. L. BAUDER, OF UTICA, NEW YORK.

ROCKING-CHAIR.

Specification of Letters Patent No. 2,543, dated April 6, 1842.

To all whom it may concern:

Be it known that I, CHARLES L. BAUDER, of Utica, in the county of Oneida and State of New York, have invented a new and useful Improvement in the Extension Rocking-Chair, called "the New York Extension Rocking-Chair," which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

Figure 1 is a perspective view of the chair showing the parts extended. Fig. 2 is a vertical longitudinal section through the center of the chair seat. Fig. 3 is a plan or top view of the rest frame showing the foot board folded within the same. Fig. 4 represents the parts composing the hinge and of the back and arms. Fig. 5 vertical section through one of the hinges back and arm the several parts composing said hinge being shown in Fig. 4—detached.

Similar letters refer to corresponding parts.

The back A, seat B, rockers C, and arms D are made in the usual manner—except in the particulars hereafter mentioned.

The improvement is in the mode of constructing the hinge which connects the back to the arms—the manner of holding the seat in the several positions desired—the construction of the seat with a recess to admit the rest frame for supporting the feet and notched grooves in the sides of the seat-frame to admit pins or arms projecting from the sides of the rest frame for holding it in the requisite position and in the construction of the rest frame for supporting the feet.

The hinge which connects the back to the arm consists of a round or cam shaped plate E secured to the back A by screws or bolts from which there projects horizontally at right angles a round axle F. This axle passes through a round aperture in the center of a circular plate G let into a recess in the inner side of the arm D being secured by screws or otherwise—said axle having a male screw cut on the end of the axle extended through the plate G on which a nut H is screwed being in an opening extending through the arm into which opening a corresponding block I is fitted which removes the screw and nut from view and gives a finish to the chair. The back, however, may be hinged to the arms in any convenient way. The hinge of the other arm is made in like manner.

The seat B is hinged to the back A by means of four hinge plates J and two pins or screws K. Two of said plates are fastened to the seat frame—one at each of the rear corners and two to the lower corners of the back—those of the back lapping over those of the seat the pins or screws K passing horizontally through the same into the wood frame of the back A—thus connecting them together so as to work freely in the manner of a hinge. The plates J may be rectangular flat pieces of metal—or their ends may be round.

The seat frame rests upon the front cross bar L of the rocker frame and is there held by a vertical pin M extended upward from said cross bar and entering an aperture in the side of the seat frame.

When it is desired to extend the seat horizontally and at the same time increase the angle of inclination of the back from a vertical line the front of the seat frame is lifted from the cross bar L of the rocker frame which disengages the seat frame from the aforesaid pin M the seat is then drawn forward until one of the apertures in the side of the same is directly over the pin M which pin will hold it firmly in the required position. In moving the seat the back is simultaneously moved (being connected therewith) by turning on its axles in the plates of the arms. A similar row of holes is made in the bottom of the opposite side of the seat corresponding with a similar pin to that above described inserted in the opposite side of the rocker frame.

The recess in the seat B into which the sliding frame N containing the post board O is received, is of a rectangular form corresponding with that of the foot board frame having a groove P formed in the inner face of each side of the seat frame in which a pin Q slides projecting from the side of the frame N the bottom of said groove being horizontal and straight, while the top of it is notched or made wider in several places to admit said pin to enter the notch to which it is drawn out and which holds the foot board frame and also allows the outer end to descend while the upper end ascends thus giving the frame a suitable inclination to give to the legs of the person an easy posture.

In order to draw out the footboard frame still farther it is first brought to a horizontal position which removes the pin from the notch into which it was first placed to the bottom of the groove, the rest frame is then drawn out to the notch required and its outer end depressed which brings the pin next the other end of said frame into said notch. The other side of the seat frame is provided with a similar groove to that above described and the side of the rest frame with a similar pin to move in said groove to guide and sustain the other side of the rest frame.

A foot board O is attached to the rest frame by two straps or arms R moving on pins V inserted into the inner sides of the foot board-frame and when extended (as seen in Fig. 1) for sustaining the feet of a person the said arms rest upon the outer cross piece of the rest frame and when folded down within said frame in the manner represented in Fig. 3 ready to be inserted into the recess in the seat they rest on ledges T fastened to the inner side of the foot board frame.

A block or stop S is secured to the under side of the seat frame about the middle thereof to arrest the outward movement of the seat frame by striking against the cross bar L of the rocker frame.

The inner sides of the seat frame are shod with plates of metal perforated to correspond with the aforesaid perforations to admit the vertical pins to prevent wearing the wood.

What I claim as my invention and which I desire to secure by Letters Patent is—

The combination of the sliding rest frame and seat and the combination of the foot board and rest frame as before described.

CHARLES L. BAUDER.

Witnesses:
WM. P. ELLIOT,
E. MAHER.