

No. 614,666.

Patented Nov. 22, 1898.

N. PETRY.
FOOT REST.

(Application filed Oct. 11, 1897.)

(No Model.)

Fig. 1.

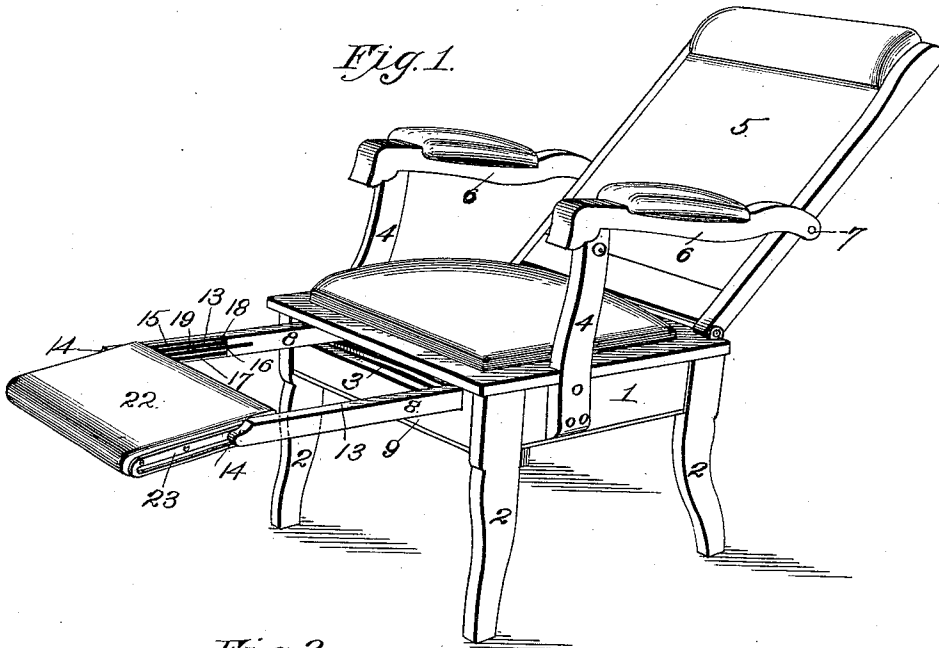


Fig. 3.

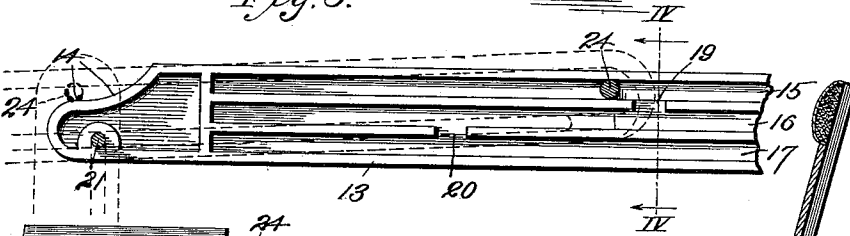
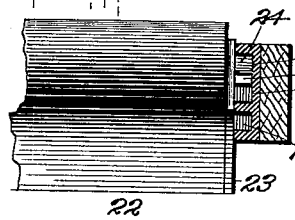
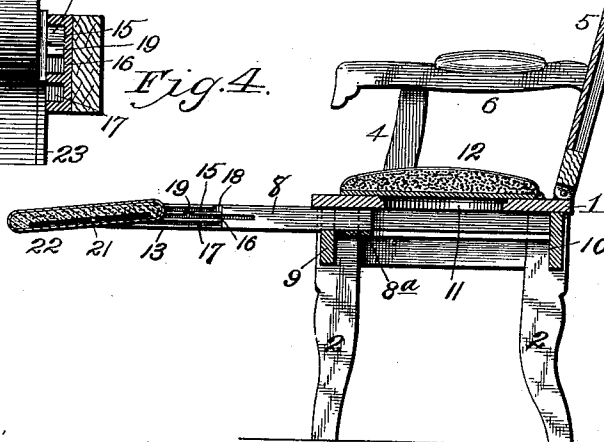


Fig. 4.

Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

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FOOT-REST.

SPECIFICATION forming part of Letters Patent No. 614,666, dated November 22, 1898.

Application filed October 11, 1897. Serial No. 654,783. (No model.)

To all whom it may concern:

Be it known that I, NICHOLAS PETRY, of Rockport, Atchison county, Missouri, have invented certain new and useful Improvements in Foot-Rests for Chairs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part thereof.

My invention relates to foot-rests for chairs; and my object is to provide a device of this character whereby the occupant of the chair may with ease and convenience regulate the inclination and position of the foot-rest.

To these ends the invention consists in certain novel and peculiar features of construction and combinations of parts, as will be hereinafter described and claimed.

In order that the invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 represents a perspective view of a chair embodying my improvements. Fig. 2 is a vertical section of the same. Fig. 3 is a detail view, enlarged, of one of the foot-rest-supporting castings. Fig. 4 is a cross-section taken on the line IV IV of Fig. 3.

In the said drawings, 1 designates the body of a chair provided with supporting-legs 2 and with casters, (not shown,) if desired. It is also formed with a slot or opening 3 in its front side and with arm-rest standards 4. The back 5 is pivoted or hinged to the rear margin of the body or seat and is connected to the standards 4 through the medium of the arm-rests 6, the latter being pivotally connected, as at 7, to the back and secured to the standards 4 in any suitable manner.

8 designates a pair of parallel bars which are mounted to slide back and forth in the opening or slot 3 and are connected at their rear ends by a cross-bar 8^a, adapted to strike the cross-bar 9 of the chair, which limits their forward movement. Their rearward movement is limited by contact with the cross-bar 10, and when shoved in as far as possible the cross-bar 8^a is rearward of the opening 11 in the seat, said opening 11 being adapted to receive a pan made to fit, said pan (not shown) being adapted to fit snugly therein, so as not to interfere with the hinged seat-pad 12,

which normally covers said opening, (and pan,) as shown.

Secured in recesses in the inner side of the bars 7, at their front ends, are a pair of castings 13, which are attenuated at their front ends, so as to provide cavities or recesses 14 at their upper sides for a purpose to be presently explained. Said castings are each provided with three longitudinal grooves 15, 16, and 17, extending nearly their entire length, and the upper wall of the groove 15 is cut away, as at 18, to provide an inlet to said groove. The wall between the grooves 15 and 16 is also cut away, so as to form the passage 19 between said grooves, and a third passage 20 is formed in like manner between the grooves 16 and 17, these openings or passages being formed out of vertical alinement with each other for an obvious reason. The said castings are connected at their front ends by means of a cross-rod 21, which extends pivotally through the slot in the foot-rest 22 and the horizontal slotted plates 23, secured to its opposite sides. The front and upper ends of said plates 23 are provided with outwardly-projecting pins or pintles 24, which are adapted to engage the grooves 15, 16, or 17, as desired.

When the foot-rest is not in use—that is to say, when the slide-bars are shoved in until their front ends just protrude through the opening or slot 3—the foot-rest proper occupies a vertically-pendent position—that is to say, its pins or pintles 24 are disengaged from the grooves of said castings and occupy the position shown by dotted lines in Fig. 3 upon the attenuated front ends of said castings, the weight of the rest being supported, however, by the rod 21 at the normally inner end of the slots of plates 18.

To adjust the foot-rest to operative position, the slide-frame should first be withdrawn to the position illustrated. The foot-rest proper is then grasped and slid upwardly or inwardly until the pins or pintles 24 are in position to pass down through the inlet openings or passages 18 into groove 15, wherein it may be longitudinally adjusted to cause a slight variation in the inclination of the foot-rest—that is to say, the more remote the position the pins or pintles occupy from the pivot-rod 21

the more nearly horizontal is the foot-rest. To cause it to assume a position about horizontal, the foot-rest is adjusted longitudinally on the rod 21 until the pins or pintles 5 24 can pass through the passage 19 into the groove 16, wherein said pins or pintles 24 may also be longitudinally adjusted.

To cause the foot-rest to incline slightly in the opposite direction—that is, upwardly and 10 outwardly—it may be slid forward on the rod 21 until the pins or pintles 24 can pass through the passage 20 into the groove 17, wherein it may also be longitudinally adjusted. By this adjustment of the foot-rest it is obvious that 15 the occupant of the chair may easily and quickly be made comfortable.

From the above description it is apparent that I have produced a foot-rest for chairs embodying the features of advantage enumerated in the statement of invention, and 20 it is to be understood, of course, that such changes as do not involve a departure from the spirit and scope of the invention may be resorted to.

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

1. The combination of a sliding frame, 30 provided with grooves in its front ends and with communicating openings between said

grooves, and a foot-rest having a pivotal and sliding connection with the front end of said frame and provided with pins or pintles for engagement with said grooves and openings, 35 substantially as described.

2. The combination of a sliding frame 35 provided with attenuated front ends, and with longitudinal grooves and openings or passages leading into said grooves, and a foot-rest having a pivotal and sliding connection 40 with said frame and provided with pins or pintles for engagement with said grooves, openings or passages and attenuated ends, substantially as described.

3. The combination of a sliding frame 45 provided with grooves in its sides and front end, a rod connecting the front ends of said frame, a foot-rest, pivotally and slidingly mounted upon said rod, longitudinally-slotted 50 plates secured to the foot-rest and also mounted pivotally and slidingly upon said rod, and pins or pintles projecting from said plates at their normally inner ends, substantially as and for the purpose described.

In testimony whereof I affix my signature 55 in the presence of two witnesses.

NICHOLAS PETRY.

Witnesses:

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HARRY E. WYATT.