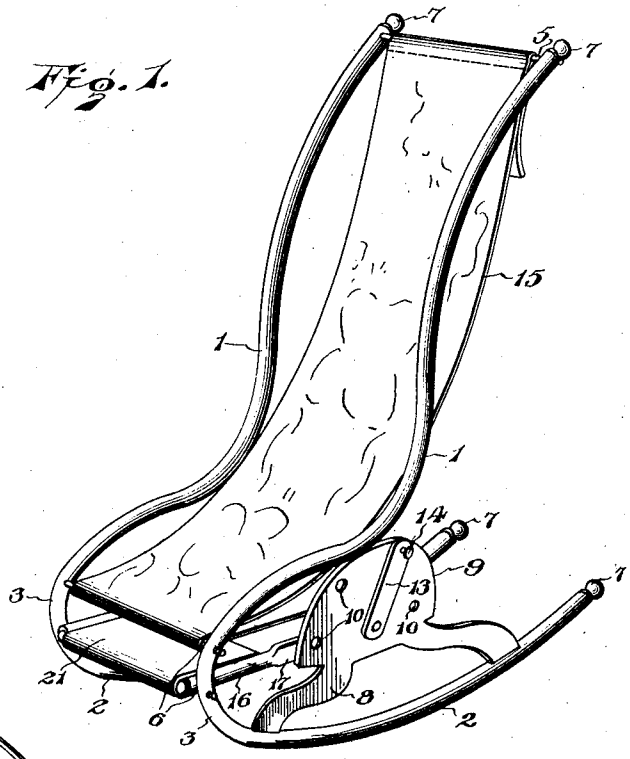
Dec. 4, 1928. 1,694,013

C. S. JOHNSON

CHAIR

Filed May 13, 1927

Fig. 1.



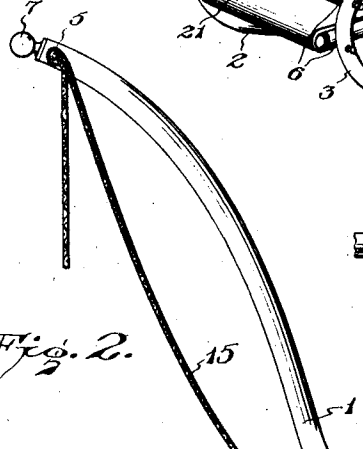


Fig. 2.

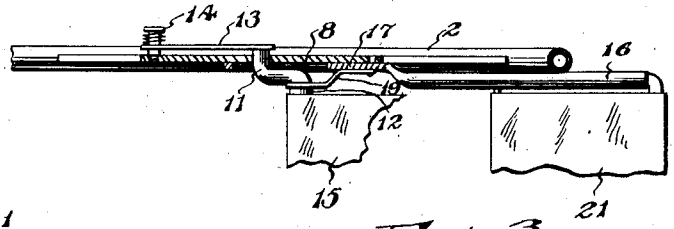
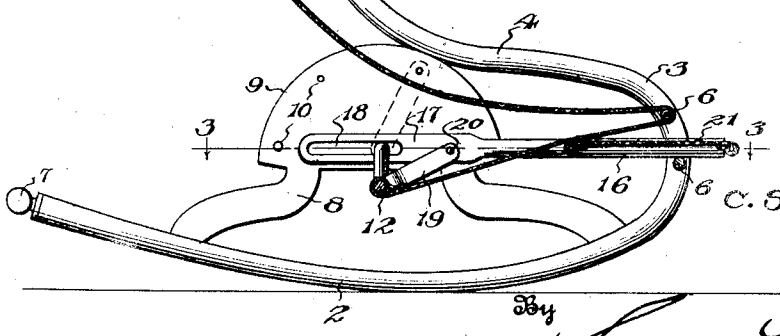


Fig. 3.



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UNITED STATES PATENT OFFICE.

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CHAIR.

Application filed May 13, 1927. Serial No 191,172.

This invention is a chair which will comfortably support an occupant in a reclining position and has for its object the provision of a light strong durable but inexpensive chair which will have an attractive appearance and which may be easily adjusted to support the occupant in a position approaching more or less closely to the vertical as may be desired. The invention also has for its object the provision of a foot rest which will be adjusted simultaneously with the seat and back of the chair. Other objects of the invention will appear incidentally in the course of the following description, and the invention consists in certain novel features which will be particularly pointed out in the appended claim.

In the accompanying drawing:

Figure 1 is a perspective view of a chair embodying my invention;

Fig. 2 is a somewhat enlarged longitudinal vertical section, and

Fig. 3 is a detail section on the line 3—3 of Fig. 2.

It will be noted upon reference to the drawing that I have illustrated the chair as a rocking chair, but it will be understood that the invention may be embodied in a chair having supports whereby it will be held stationary. The frame of the chair comprises two side members 1 which are preferably tubular so as to attain strength with minimum weight, and the rockers 2 are formed integral with the side members, as shown. In forming the frame, the tube to produce a side member is bent, as shown at 3, to form a front member supporting an arm rest 4 and merging into the rocker 2. From the arm rest 4, the side member extends upwardly and rearwardly in an ogee form so that it will present an attractive appearance. At the upper ends of the side members, a cross bar or rod 5 is secured thereto so as to maintain the side members in spaced relation, and similar rods 6 are provided in the front portions 3. The ends of the side members are preferably closed by plugs 7 in the form of knobs whereby an ornamental appearance is imparted to the structure. Secured in any convenient manner to the rockers or feet 2 and the side arms 4 are braces 8, the upper portions of which are arcuate, as shown at 9, and are provided with openings 10 adjacent the edge for a purpose which will presently appear. Rotatably fitted in the braces 8 concentric with the arcuate edges thereof is a shaft 11 which has its intermediate portion cranked or offset, as shown at 12, and to the ends of said shaft at the outer sides of the respective braces 8 are secured handle members 13 having spring-controlled latches 14 mounted in their free ends and adapted to engage selected openings 10 whereby the shaft will be held in a set position. The back and seat 15 consist of a length of woven fabric, such as carpet or the like, which is flexible and will conform to the body of a person occupying the chair. One end of the fabric is secured around the intermediate portion of the shaft 12, as shown in Fig. 2, and the fabric then extends forward under and around the upper cross bar 6 and then upwardly between the side members 1 to be secured to the upper cross bar 5 in any convenient manner, as by forming a hem in the fabric which encircles the rod. It will be seen at once that the fabric member 15 extends from the upper extremity of the side members to the front of the same and will constitute a flexible seat and back which will have sufficient strength to support an occupant and will conform to the body of the occupant so that he will be comfortable at all times. It will also be readily noted that, if the shaft 12 be rocked so that its intermediate portion swings forwardly, a greater portion of the length of the combined seat and back will be permitted to sag between the bar 5 and the upper bar 6 and the user will, therefore, be permitted to assume such degree of reclination as proves most comfortable to him. The latches 14 will automatically ride into engagement with the openings 10 and by manually manipulating the latches the seat fabric may be held in the desired position of adjustment.

Resting upon the lower cross bar 6 is a frame 16 which is also preferably formed from tubing but has the ends of its side members flattened, as shown at 17, and provided with longitudinal slots 18 through which the ends of the shaft 12 pass. Links 19 are pivotally engaged with the said shaft and extend forwardly therefrom and have their front ends pivoted to the side members of the frame 16, as indicated at 20. Across the forward end portion of the frame 16 is secured a fabric 21 which constitutes a foot rest. It will be seen at once that, when the shaft 12 is rocked forwardly to loosen the seat fabric, the frame 16 will be slid forwardly beyond the front end of the frame and the foot rest 21 will be projected beyond the for-

ward edge of the seat to support the feet of the person occupying the chair. Likewise, when the shaft 12 is rocked rearwardly, the foot rest will be retracted and assume a position under the seat member, as will be understood upon reference to Fig. 2.

From the foregoing description, taken in connection with the accompanying drawing, it will be seen that I have provided a very simple chair which is strong and durable and which will be very comfortable to a person occupying the same. If desired, an ornamental covering fabric may be secured over the seat and back member 15 and other accessories may be attached to the frame according to the taste of the owner.

Having thus described the invention, I claim:

A chair comprising side members including arm rests and feet, braces extending between the respective arm rests and feet, a cranked shaft mounted in said braces, a seat and back member disposed between the sides, a foot rest frame slidably supported by and between the front portions of the sides and having its rear end portion slotted to engage around the cranked shaft, and links connecting the cranked shaft with the said foot rest frame.

In testimony whereof I affix my signature.

CARL S. JOHNSON. [L. S.]