Feb. 22, 1949. R. R. MARRIOTT 2,462,521

SPRING OSCILLATING CHAIR

Filed Aug. 9, 1945

Fig. 1.

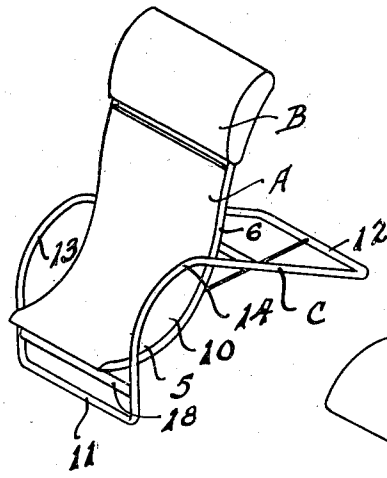


Fig. 2.

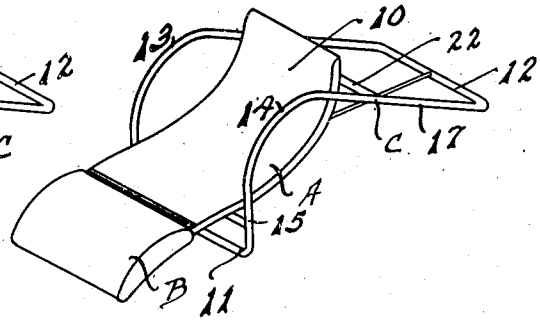
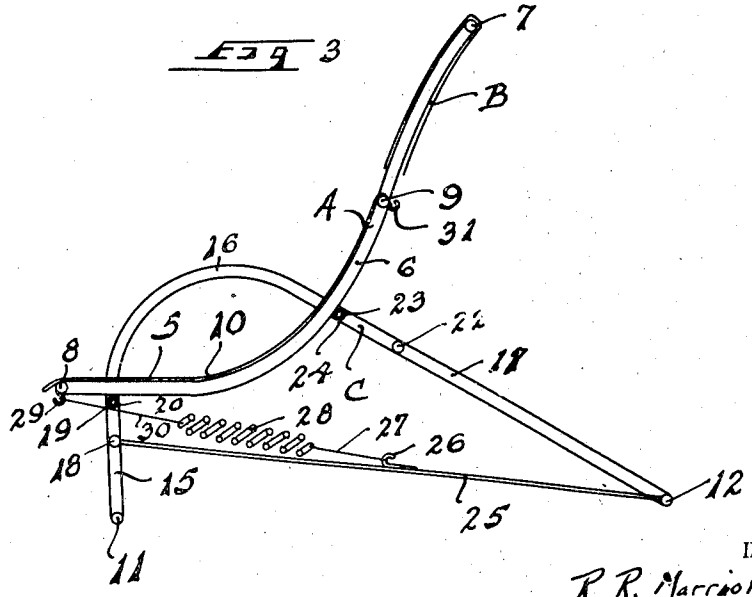


Fig. 3



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SPRING OSCILLATING CHAIR

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1 Claim. (Cl. 155—77)

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My invention relates to lawn or beach chairs and has for its object to provide a new and highly efficient chair which may be either used as a reclining oscillating chair or as an oscillating chair in substantially a vertical position.

A further object is to provide a chair which will be made entirely of tubular metal and which will be easily and quickly changeable from a sit-up chair to a reclining chair.

A chair for lawn, porch or inside use which will be comfortable, and attractive in appearance and which, being spring controlled, may be used similar to a rocker or swing and which may be quickly and easily changed from sitting to reclining position by the user.

These objects I accomplish with the device illustrated in the accompanying drawings in which similar numerals and letters of reference indicate like parts throughout the several views and as described in the specification forming a part of this application and pointed out in the appended claim.

In the drawings Figure 1 is a perspective view of the chair in the sitting position.

Figure 2 is a perspective view of the chair as used in a reclining position.

Figure 3 is a vertical enlarged section of the chair.

In the drawings I have shown the chair as having a single piece seat and back rest A, with the lower end 5 curved to fit the seat of the user and with the back slightly arched to fit the back. The top portion of the seat and back rest is made open and is closed by slipping a cloth cover or head rest B thereover in the form of a sack or pillow case. The seat and back rest is made of a rectangular tubular body having sides 6, and top end 7 with a cross piece 8 for the bottom, and spaced from the top piece 7 there is another transverse bar 9. Between the cross piece 8 and bar 9 I provide a flat sheet of metal 10 curved to form the seat end 5. When the seat and back rest is reversed the head rest then acts as a foot rest.

The base on which the seat and back A rests and is operated consists of a rectangular framework C having cross ends 11 and 12, and sides 13 and 14. The sides 13 and 14 are formed with vertical portions 15, arcuate segments 16 and inclined portions 17 all in one piece but formed to form an elevated forward area and an inclined rear base. Transversely across the vertical portions 15 there are spaced apart brace bars 18 and 19, the upper bar 19 carrying a tubular roller or pipe 20 therearound to act as a front roller for the chair seat A. Just about the top of the inclined portion 17 there are two spaced apart transverse rods 22 and 23, the upper rod 23 also carrying a tubular roller or pipe 24 for the upper back roller for supporting the chair seat A. Extending from the center of the rear cross end 12 to the lower bar

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18 there is a brace rod 25 which braces the chair base longitudinally and acts as a spring support member. Onto this rod 25 there is a spring hook 26 to which the rear connecting rod 27 of a coil spring 28 is attached, and on the underside of the front cross piece 8 of the chair seat A there is a like hook 29 to which the loop on the end of the forward connecting rod 30 of the spring 28 is attached when the chair is in the sitting position as shown in Figure 3. The connecting rod 30 is passed between the cross bars 18 and 19 before it is attached to the hook 29 to give the spring sufficient room for movement when oscillating the chair so that the spring will not strike the cross piece 18 or the roller 20 on the cross piece 19.

Another hook 31 is attached to the underside of the bar 9 to which the loop of the link 30 is attached when the chair seat has been reversed for use as a reclining chair as shown in Figure 2 of the drawings.

Having thus described my invention I claim:

A chair comprising an elongated rectangular framework having an inclined rear portion terminating in an upper arm portion; transverse braces spacing the arm portions apart; rollers on the two top transverse braces; chair seat having a back rest portion reversed slightly in curve, carried on the rollers for oscillation, said chair seat being adapted to be reversed and used as a reclining chair when desired; and a spring means attached to the rear lower end of the framework and to a hook mounted on the underside of the chair seat to permit oscillation of the chair seat.

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