

March 10, 1942.

G. KELLY

2,275,908

RECLINING CHAIR

Filed April 1, 1941

2 Sheets-Sheet 1

Fig. 1.

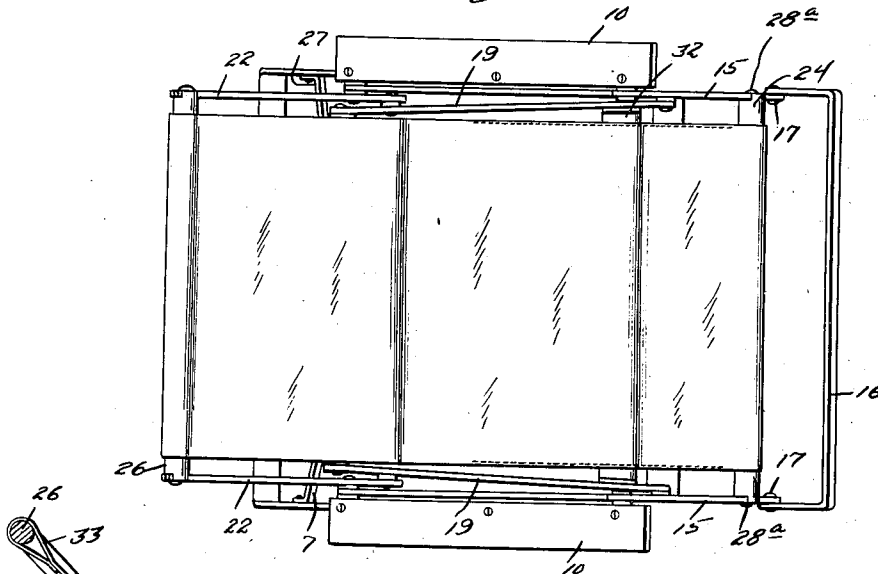
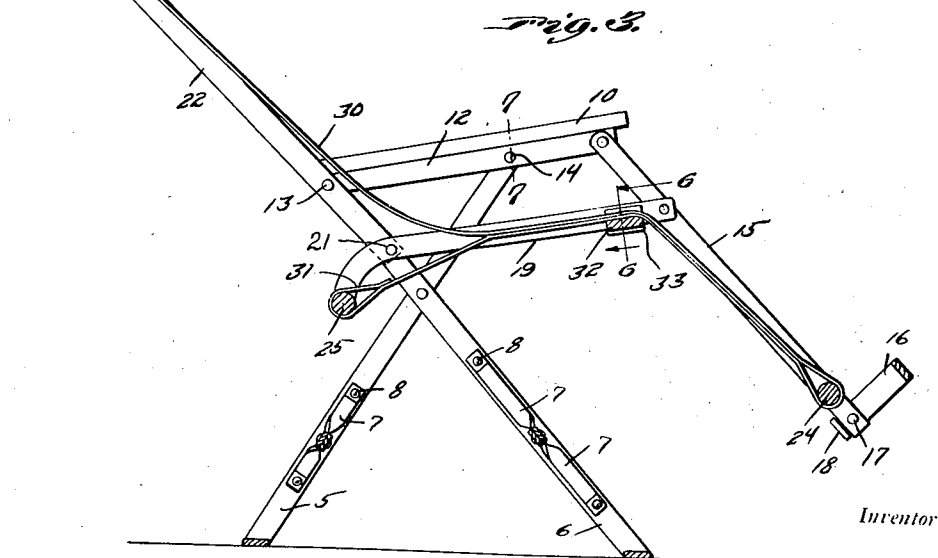


Fig. 3.



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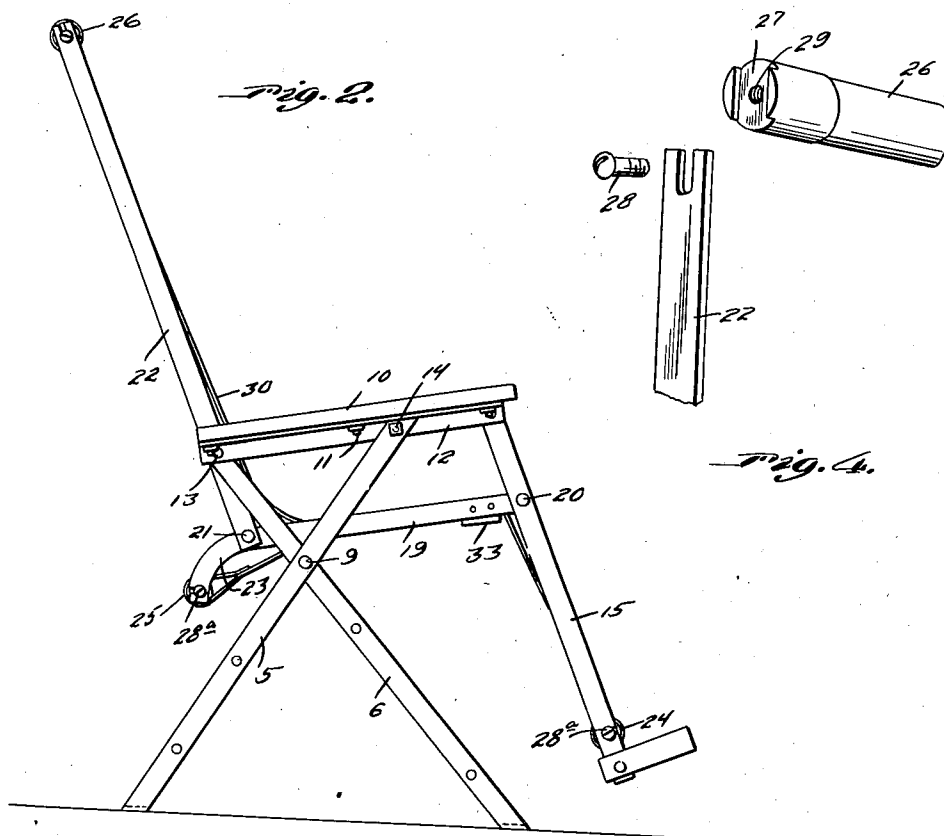
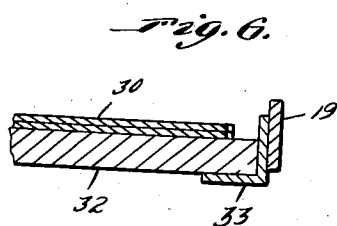
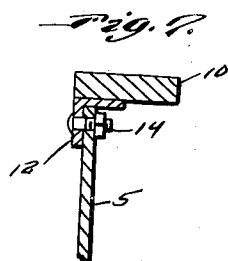
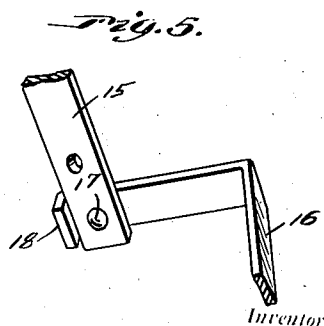
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2 Sheets-Sheet 2



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RECLINING CHAIR

George Kelly, Burgettstown, Pa., assignor of one-fourth to William W. Lyons, and one-fourth to Benjamin Kobe, both of Burgettstown, Pa., and one-eighth to I. C. Bloom, and one-eighth to George I. Bloom, both of Washington, Pa.

Application April 1, 1941, Serial No. 386,347

2 Claims. (Cl. 155—106)

This invention relates to new and useful improvements in flexible strip seat and back chairs, such as are used on lawns and at beaches, the principal object of the invention being to provide a chair of this character constructed in such a manner as to permit reclining without readjustment of the chair.

Another important object of the invention is to provide a chair of the character stated wherein the occupant supporting strip can be removed whenever desired for cleaning or replacement.

Other objects and advantages of the invention will become apparent to the reader of the following specification.

In the drawings:

Figure 1 represents a top plan view of the chair.

Figure 2 is a side elevational view.

Figure 3 is a vertical sectional view through the chair shown in a more reclined position than in Figure 2.

Figure 4 is an exploded view showing the joint between one of the side members and the upper roll.

Figure 5 is a fragmentary perspective view showing the foot piece.

Figure 6 is a fragmentary detailed sectional view taken substantially on the line 6—6 of Figure 3.

Figure 7 is a fragmentary detailed sectional view taken substantially on the line 7—7 of Figure 3.

Referring to the drawings wherein like numerals designate like parts, it can be seen that the chair consists in construction of a pair of side supports each consisting of a pair of crossed legs 5 and 6. Corresponding legs 5 and 6 of these side supporting assemblies are bridged and braced by crossed brace members 7 suitably secured as at 8 to the legs 5 and 6. The legs 5 and 6 of each side supporting assembly are pivotally connected together as at 9. Numerals 10 denote arm rests to the bottom portions of which are secured, by bolts or the like 11, angle members 12 extending longitudinally thereof and to which the upper ends of the corresponding legs 5, 6 are secured as at 13 and 14. Back bars 22 are also secured pivotally at 13.

The chair further consists of a leg support made up of a pair of bars 15 the upper ends of which are pivotally secured to the depending flanges of the angle members 12, while the lower ends are bridged by a U-shaped foot rest 16, the leg portions of which are pivotally secured as at 17 to the lower ends of the bars 15 and pro-

vided with lugs 18 which abut the bars 15 and hold the same in outstanding position as shown in Figures 2 and 5.

Seat bars 19 are provided, extending forwardly between the side supporting assemblies, each bar 19 having its forward end pivotally connected as at 20 to the upper portion of the corresponding bar 15 while its rear end portion is pivotally connected as at 21 to the lower end of the corresponding back bar 22. As shown in Figure 2, each seat bar 19 is curved downwardly at its rear end portion as at 23.

A roll 24 is provided between the lower ends of the leg supporting bars 15, a roll 25 between the rear ends of the seat bars 19 and a third roll 26 between the upper ends of the back bars 22. As can be seen in Figure 4, the ends of the upper roll 26 are grooved as at 27 to receive the upper bifurcated end portion of the back bars 22. A machine screw 28 is disposable through the bifurcated end of each back bar 22 and screwed into a threaded recess 29 in the corresponding end of the roll 26. As is suggested in Figure 2, the bars 15 and 19 may be likewise bifurcated or slotted to accommodate securing elements 28a for the rolls 24 and 25.

As shown in Figure 3, an elongated flexible strip 30 is employed and is preferably of heavy canvas. One end of this strip is hemmed as at 31 to envelop the roll 25. From this point the strip extends forwardly and over a cross member 32 bridging the forward portions of the seat bars 19. From that point the strip extends downwardly and around the roll 24 and then backwardly along itself and over the bar 32 and upwardly to form the back, the back being formed at its upper end with a hem 33 embracing the upper roll 26. It is preferable that the portions of the strip which overlies each other be stitched together so as to reinforce the seat portion thereof.

Obviously, by lying backward in the chair, the same will easily recline and in any position the occupant adjusts himself to, the chair will follow and present a comfortable support. As is shown in Figure 6, the cross member 32 is supported at its ends by angle brackets 34.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:

1. A reclining chair comprising side supports, an arm structure for each of the supports, a pair of back supporting bars, a pair of seat bars to which the lower ends of the back bars are pivotally secured, a pair of front bars pivotally secured at their upper ends to the forward ends of the arm members, a foot rest at the lower ends of the front bars, the forward ends of the seat bars being pivotally secured to intermediate portions of the front bars, a cross bar bridging the seat bars adjacent the forward ends thereof, and a flexible strip extending downwardly from the upper ends of the back bars and across the cross member and down to the lower ends of the front bars, a removable roll at the upper ends of the back bars over which the upper end of the strip is secured, and a roll at the lower end portions of the front bars over which the lower end of the flexible strip is disposed, said strip having a backwardly disposed portion extending from the lower roll and over the cross member, and a roll bridging the rear ends of the seat bars and over which the terminal of the last-mentioned portion is disposed.

2. A reclining chair comprising side supports, an arm structure for each of the supports, a pair of back supporting bars, a pair of seat bars to which the lower ends of the back bars are pivotally secured, a pair of front bars pivotally secured at their upper ends to the forward ends of the arm members, a foot rest at the lower ends of the front bars, the forward ends of the seat bars being pivotally secured to intermediate portions of the front bars, a cross bar bridging the seat bars adjacent the forward ends thereof, and a flexible strip extending downwardly from the upper ends of the back bars and across the cross member and down to the lower ends of the front bars, a removable roll at the upper ends of the back bars over which the upper end of the strip is secured, and a roll at the lower end portions of the front bars over which the lower end of the flexible strip is disposed, said rolls having their ends grooved to receive the corresponding bars and removable securing elements for securing the bars to the ends of the rolls.

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