

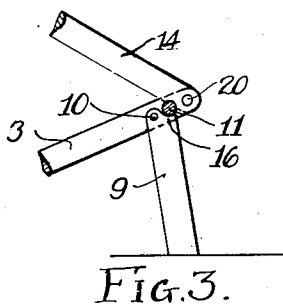
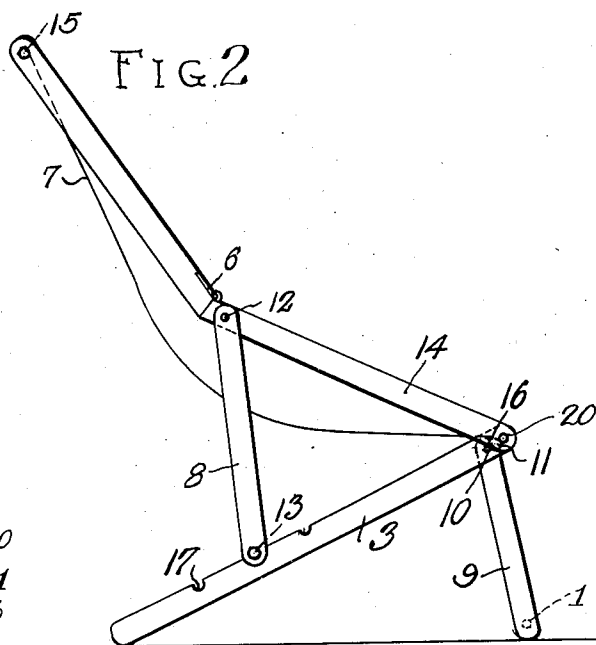
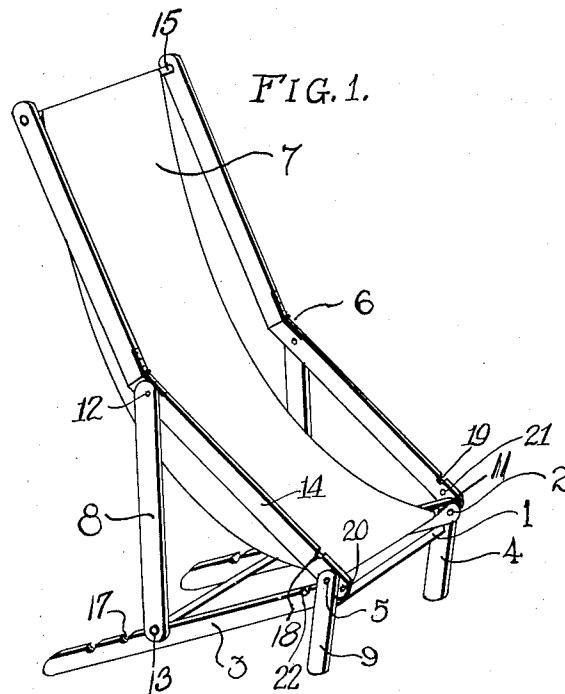
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FOLDING BEACH OR LOUNGING CHAIR

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FOLDING BEACH OR LOUNGING CHAIR

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11 Claims. (Cl. 155—117)

The invention relates to improvements in beach or lounging chairs and the objects of the improvements are to create a beach or lounging chair equalling the comfort of the types in use, but folding to a bundle small enough that it may be taken along in automobiles for camping equipment or for outings, requiring only a small storage space when not in use. I have illustrated a preferred form, although numerous minor variations can be made without departing from the principal objects of the invention, and the usual accessories may be adapted for use thereon.

Fig. 1 is a perspective drawing of the beach chair when opened for use. Fig. 2 illustrates a side view of a different form of my chair, when opened for use. Fig. 3 is a sectional detail cut through the front of the chair, showing the construction of the form of chair shown in Fig. 2.

Referring to Fig. 1, the side bars 14 are formed of sections hinged at their adjacent upper corners 6, allowing them to fold to a much shorter length when not in use. The side bars are supported by the props 8 pivoted thereto at 12, which props are joined at their lower ends by a rod 13, which engages in notches 17, on the top edges of the rear legs 3, making the angularity of the chair back adjustable. The front legs 4 and 9 are pivoted to the side bars, at 21 and 5 and are joined by a rod 1 near their upper ends, which fetches up against the lower edges of the rear legs 3, holding the front legs 4 and 9 securely in place. When not in use, the front legs fold by turning them in a contra-clockwise direction in Fig. 1 and, when folded, the rod 1, joining the legs, fits into the notches 18, 19 and 22 in the upper edges of the side bars and rear legs, making a compact bundle. The seat and back 7 is made of a piece of flexible material. The flexible material is secured to a rod 15 joining the side bars near the top and to a rod 11, joining the rear legs, at the other end. This rod joining the rear legs is preferably placed rearwardly of the pivots 2 and 20 which connect the rear legs to the side bars.

Referring to Fig. 2, the rear legs 3 are secured to the front legs 9 by pivots 10, which pivots allow the front legs to fold inside of and substantially parallel to the rear legs, when not in use. When in use, the front legs are turned until a shoulder or notch 16, built on to or cut into the front legs, fetches up against the rod 11, which joins the front ends of the rear legs. Two props 8, one on each side of the chair, are pivoted at 12 to the side bars and are joined near their other ends by a rod 13 which engages notches 17 on the rear legs. The forward end of the side bar sec-

tion 14 is secured to the forward end of the rear leg 3 by the pivot 20. The side bars are in two sections which are joined by hinges 6, so that, when not in use, one section will fold over on the other section. The seat is formed by a flexible material 7, secured to a rod 15, joining the upper ends of the side bars, and to a rod 11, joining the front ends of the rear legs.

Referring to Fig. 3, the rear leg 3 is joined by a pivot 20 to the side bar section 14, which pivot allows the side bar section to fold alongside the rear leg. The front leg 9 is secured to the rear leg 3, by the pivot 10, and is held in position, when the chair is in use, by the shoulder or notch 16 on the front leg 9 fetching up against the rod 11, joining the front ends of the rear legs.

The chair supporting members may be constructed of metal or wood, or any combination of these materials.

I claim:

1. A folding chair comprising at each side an upwardly inclined side bar formed of hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, an inclined front leg pivoted to the front end of one of said side bar or rear leg, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a cross rod connecting the upper ends of the rear legs, a fabric seat and back connected between said rods, stop means between the front and rear legs.

2. A folding chair comprising at each side an upwardly inclined side bar formed of hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, an inclined front leg pivoted to the front end of one of said side bar or rear leg, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a cross rod connecting the upper ends of the rear legs rearwardly of the pivots joining the side bars to the rear legs, a fabric seat and back connected between said rods, stop means between the front and rear legs.

3. A folding chair comprising at each side an upwardly inclined side bar formed of pivoted sections which may be folded, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, a front leg pivoted to the front end of one of said side bar or rear leg, a prop, pivoted to the side bar and having means at its

lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a cross rod connecting the upper ends of the rear legs, a fabric seat and back connected between said rods, stop means between the front and rear legs.

4. A folding chair comprising at each side an upwardly inclined side bar formed of hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, a front leg pivoted to the front end of said rear leg and folding to a position alongside of said rear leg when not in use, and held in position when in use, by a shoulder on the front leg, said shoulder fetching up against a cross rod joining the upper ends of the side bars, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a flexible seat and back connected between said rods.

5. A folding chair comprising at each side an upwardly inclined side bar formed of hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, a front leg pivoted to the front end of one of said side bar or rear leg, folding to a position alongside one of said members and held in position, when in use, by a cross rod joining the upper ends of the front leg, said cross rod fetching up against the under sides of the rear legs, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear legs, a cross rod connecting the upper ends of the side bars, a cross rod connecting the upper ends of the rear legs, a fabric seat and back connected between said last two rods.

6. A folding chair comprising at each side an upwardly inclined side bar formed of angularly arranged hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, an inclined front leg pivoted to the front end of one of said side bar or rear leg, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a cross rod connecting the upper ends of the rear legs, a fabric seat and back connected between said rods, stop means between the front and rear legs.

7. A folding chair comprising at each side an upwardly inclined side bar formed of angularly arranged hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, an inclined front leg pivoted to the front end of one of said side bar or rear leg, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a cross rod connecting the upper ends of the rear legs rearwardly of the pivots joining the side bars to the rear legs, a fabric seat and back connected

between said rods, stop means between the front and rear legs.

8. A folding chair comprising at each side an upwardly inclined side bar formed of angularly arranged hinged sections which may be folded, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, a front leg pivoted to the front end of one of said side bar or rear leg, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a cross rod connecting the upper ends of the rear legs, a fabric seat and back connected between said rods, stop means between the front and rear legs.

9. A folding chair comprising at each side an upwardly inclined side bar formed of angularly arranged hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, a front leg pivoted to the front end of said rear leg and folding to a position alongside said rear leg when not in use, and held in position, when in use, by a shoulder in the front leg, said shoulder fetching up against a cross rod joining the upper ends of the rear legs, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a flexible seat and back connected between said rods.

10. A folding chair comprising at each side an upwardly inclined side bar formed of angularly arranged hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, a front leg pivoted to the front end of one of said side bar or rear leg, folding to a position alongside one of said members and held in position, when in use, by a cross rod joining the front leg, said cross rod fetching up against the under sides of the rear legs, a prop pivoted to the side bar and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a cross rod connecting the upper ends of the rear legs, a fabric seat and back connected between said last two rods.

11. A folding chair comprising at each side an upwardly inclined side bar formed of hinged sections, a rearwardly inclined rear leg, pivoted at its front end to the front end of the side bar, a front leg pivoted to the front end of one of said side bar or rear leg, a prop pivoted to the side bar at a point forward of the hinge and having means at its lower end adjustably engaging in one of a plurality of notches in the rear leg, a cross rod connecting the upper ends of the side bars, a cross rod connecting the forward ends of two of the chair members, a fabric seat and back connected between said rods, stop means between the front legs and the forward chair assembly.

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