April 25, 1950 C. F. BENJAMIN 2,505,702

COMBINED FOLDING CHAIR AND REST

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Fig. 1.

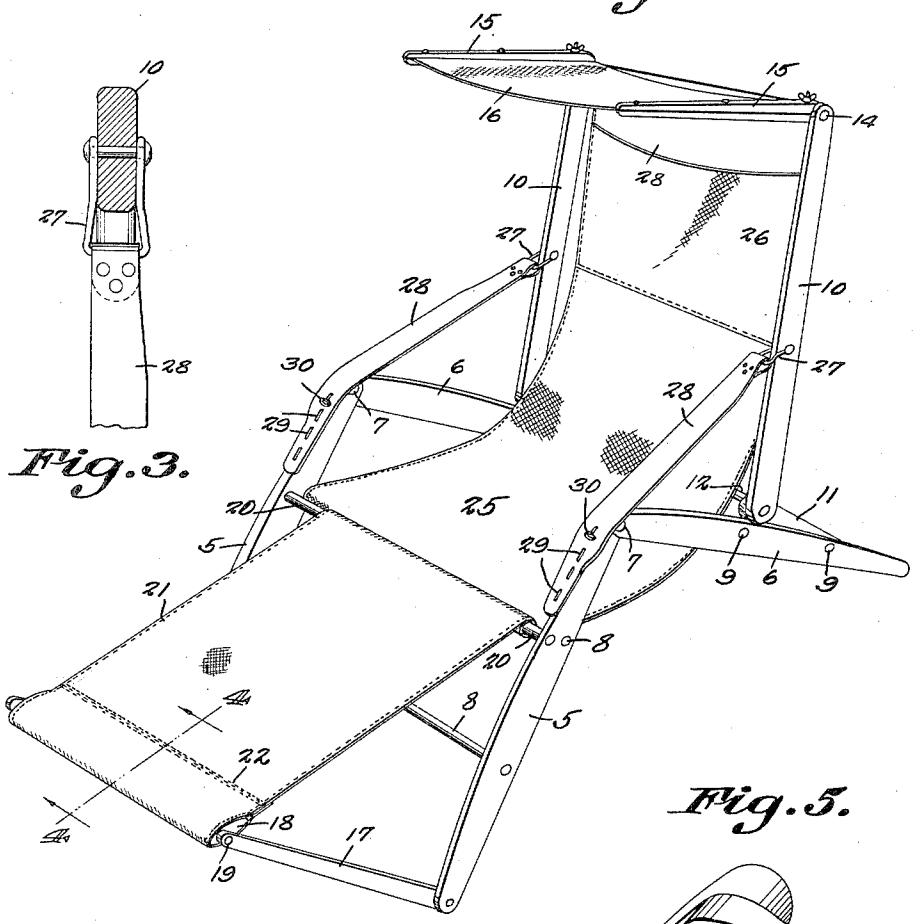
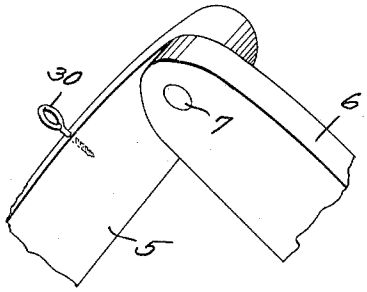


Fig. 3.

Fig. 5.



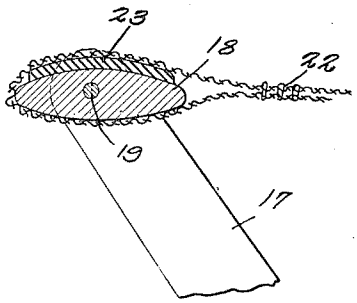


Fig. 4.

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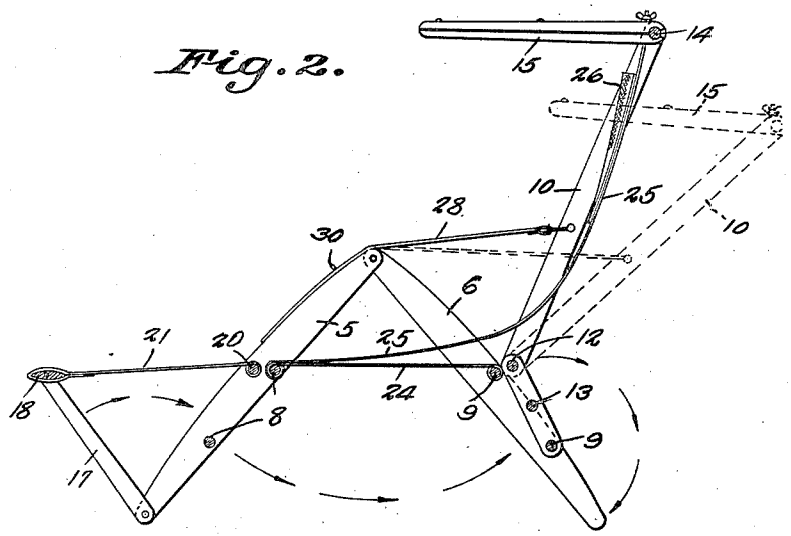
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COMBINED FOLDING CHAIR AND REST

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Fig. 2.



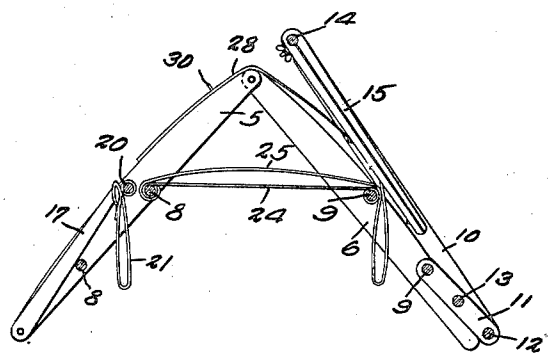


Fig. 6.

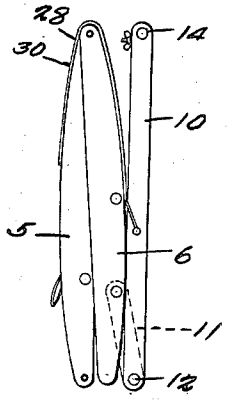


Fig. 7.

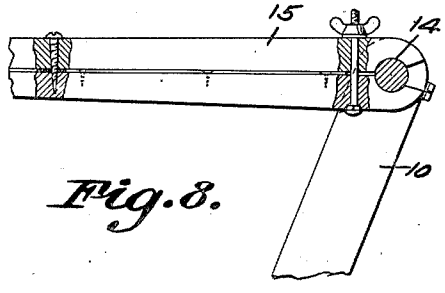


Fig. 8.

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Patented Apr. 25, 1950 2,505,702

UNITED STATES PATENT OFFICE

2,505,702

COMBINED FOLDING CHAIR AND REST

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Application November 19, 1947, Serial No. 786,997

2 Claims. (Cl. 155—139)

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This invention relates to folding chairs, commonly known as deck or beach chairs, the primary object of the invention being to provide a chair of this character which may be folded into a small and compact article to facilitate transporting and storing the chair.

An important object of the invention is to provide a folding chair having a folding foot rest as forming a part thereof.

Another object of the invention is to provide flexible arm rests, preferably constructed of wide leather, the arm rests being connected with the back of the chair and having adjustable connection with the front legs of the chair, whereby the inclination of the back rest of the chair, may be regulated or adjusted for the convenience of the person occupying the chair.

Still another object of the invention is to provide an adjustable sun shade mounted on the upper end of the back, means being provided for securing the sun shade in various positions of adjustment.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claims, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawings:

Figure 1 is a perspective view of a folding chair constructed in accordance with the invention.

Fig. 2 is a side elevational view thereof, the back being shown in dotted lines as in a reclining position.

Fig. 3 is a sectional view through one of the bars of the back of the chair, illustrating the manner of connecting the flexible arm rests thereto.

Fig. 4 is a sectional view taken on line 4—4 of Fig. 1.

Fig. 5 is an enlarged fragmental perspective view illustrating one of the screw eyes used in adjustably connecting the arm rests to the front legs of the chair.

Fig. 6 is a longitudinal sectional view through the chair illustrating the chair in semi-folded condition.

Fig. 7 is a side elevational view illustrating the frame in its completely folded condition.

Fig. 8 is an enlarged fragmental view, partly in section illustrating a portion of the sun shade.

Referring to the drawings in detail, the chair

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comprises side frames, each of which embodies front leg members 5 and rear leg members 6, which are pivotally connected at their upper ends, by means of the pin 7. The leg members of the frames are connected by means of the transversely extended rods 8 and 9, whereby the frames are held in proper spaced relation with respect to each other and rigidly braced.

The back comprises bars 10 to the lower ends of which links 11 are connected, the links 11 being also pivotally connected to the rear leg members 6. Due to this construction it will be seen that by swinging the links upwardly to the position as shown by Fig. 1 of the drawings, the back is brought to the proper supporting position with respect to the upper ends of the leg members 6, and that when the chair is to be folded these links permit the back of the chair to become shortened, lending to the compactness of the chair when folded.

The rod 12 connects the lower ends of the bars 10 with the upper ends of the links 11, holding the bars 10 in proper spaced relation with respect to each other, the links 11 being also connected by the rod 13.

The upper ends of the bars 10 are connected by means of the rod 14, which also provides a support for the pivoted arms 15 that provide the support for the sun shade 16, mounted thereon.

Pivotally connected to the lower end of the front leg member of each frame, is a bar 17, the bars 17 being connected by means of the wide bar 18, which is formed with pivot pins 19 at its ends, the pivot pins extending through openings in the bars 17. Connected with the front leg members 5 of the frames, is a transverse bar 20, to which one end of the flexible leg rest 21 is connected, the opposite end of the leg rest 21 being wrapped around the bar 18 where it is secured by the lines of stitching 22. It will of course, be understood that the leg rest 21 is constructed of a length of flexible material, preferably fabric.

In order that a cushion will be provided on the bar 18, a layer of soft cushioning material 23 is positioned on the upper surface of the bar 18 directly under the leg rest.

The length of flexible material indicated at 24, has its forward end wrapped around the rod 8 nearest the upper ends of the members 5, the opposite end of the fabric material 24 being wrapped around the uppermost rod 9, where it is secured thereto, the length of flexible material 24 constituting the seat portion of the chair.

Also secured to the transverse rod 8 over which

one end of the flexible material 24 is wound, is a length of flexible material indicated at 25, which is of a length to extend upwardly where it is wrapped around the rod 14 at the upper ends of the bars 10, securing the length of fabric material to this rod. A pocket indicated at 26 is provided on the length of fabric material 25 adjacent to the upper end thereof, in which a pillow may be placed for the comfort of the person occupying the chair.

Connected to each of the bars 10, by means of the pivoted links 27, are wide straps 28, which constitute the arm rests of the chair, the straps 28 being formed with openings 29, which are of a size to accommodate the heads of the screw eyes 30 that are secured to the upper front edges of the front leg members 5. The openings 29 are arranged in spaced relation with respect to each other, with the result that by positioning the straps so that the screw eyes will extend through adjacent openings 29 the inclination at which the back of the chair may assume, may be varied to meet requirements of use.

It might be further stated that the links 11 are secured against the inner surfaces of the leg members 6, and the bars 10 have pivotal connection with the links 11 of the outer sides thereof, with the result that the lower ends of the bars 10 of the back section, rest directly on the rear upper surfaces of the rear leg members 6.

From the foregoing it will be seen that due to the construction shown and described, the chair may be folded into a small and compact article for convenience in storing and transportation, but when extended will provide a chair wherein the seat and foot rest may be moved to positions for the convenience of the person occupying the chair.

From the foregoing it is believed that the construction and operation of the chair will be obvious and that further disclosure is unnecessary.

Having thus described my invention, what is claimed is:

1. In a folding chair, side frames embodying pivotally connected front and rear leg members, rods connected with the side frames holding the side frames spaced apart, a leg rest including bars pivotally connected with the lower ends of the front leg members, a horizontal bar connecting the free ends of the pivotal bars of the leg rest, a length of fabric material connecting the front leg members and horizontal bar providing a foot rest, a length of fabric material having its ends connected with the rods connecting the side frames, providing a seat and restricting pivotal movement of the front and rear leg members with respect to each other, a back section, pivoted links connecting the lower portion of the chair back with the rear leg members, a length of fabric material connected with the back section and being connected with the rod at the front of the chair connecting the side members providing a back for the chair, and means for adjusting the back section with respect to the frames.

2. In a folding chair, side frames, transversely disposed rods connecting the side frames, each side frame comprising front and rear leg members pivotally connected at their upper ends, a seat member constructed of a length of flexible material connected with the transverse rods of the front and rear leg members and restricting movement of the front and rear leg members with respect to each other, a back section comprising spaced parallel side bars, a rod connecting the upper ends of the bars of the back section, links connecting the lower ends of the spaced parallel side bars of the back section and rear leg members, whereby the lower ends of the side bars of the back section rest on the upper surfaces of the rear leg members of the frames, a leg rest forming a part of the side frames, a strip of flexible material connected with the transversely disposed rod connecting the front leg members and the rod connecting the upper ends of the spaced parallel side bars of the back section, and means for restricting rearward movement of the back section.

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