Feb. 28, 1928.

1,660,494

D. T. ROBERTSON

CHAIR

Filed Jan. 11, 1926

2 Sheets-Sheet 1

Fig. 1

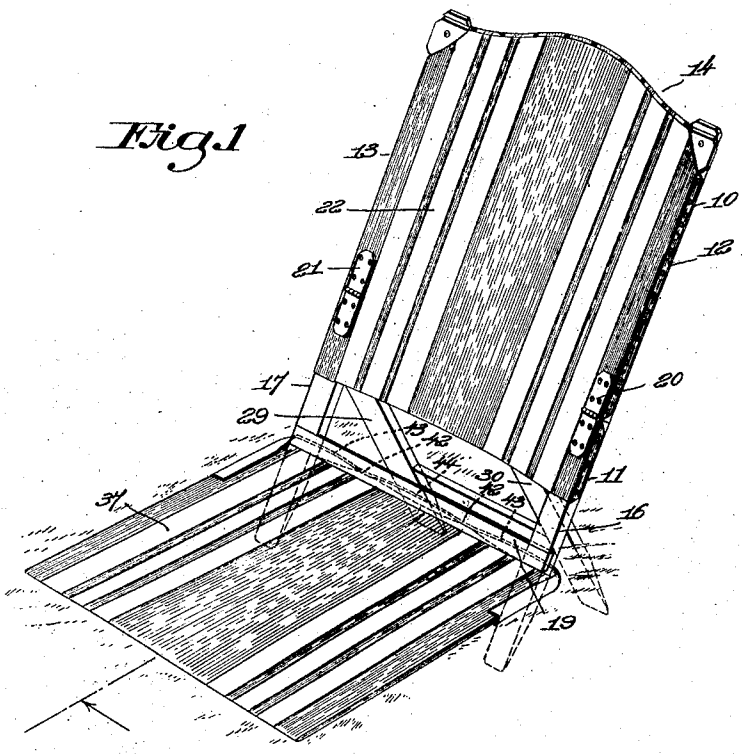
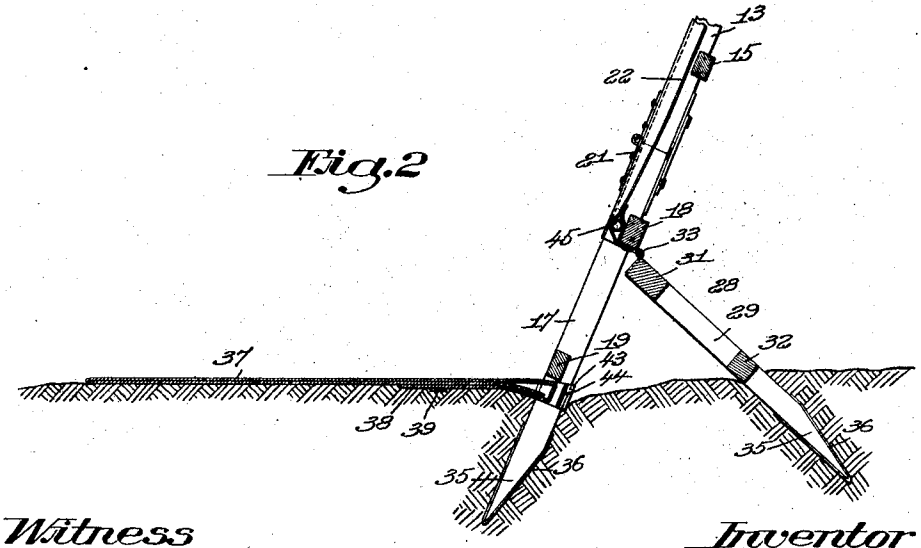


Fig. 2



Witness

Frederick L. Greenleaf.

Inventor

David T. Robertson

by his attorneys

Van Guern Fish Hildreth & Cary

Feb. 28, 1928. 1,660,494

D. T. ROBERTSON

CHAIR

Filed Jan. 11, 1926 2 Sheets-Sheet 2

Fig. 3.

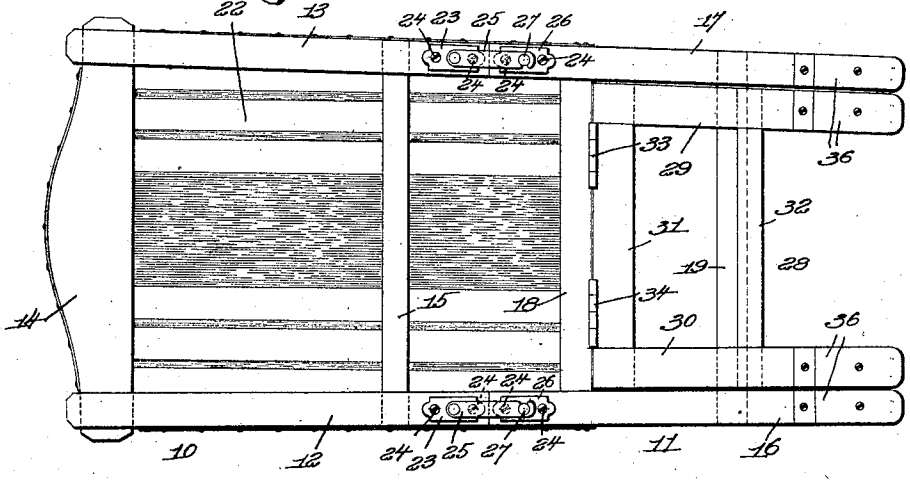


Fig. 4

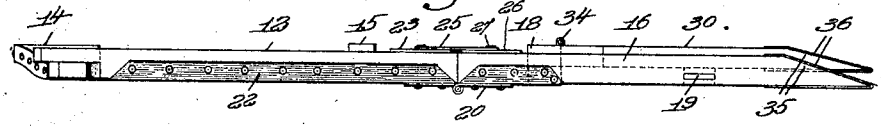


Fig. 5

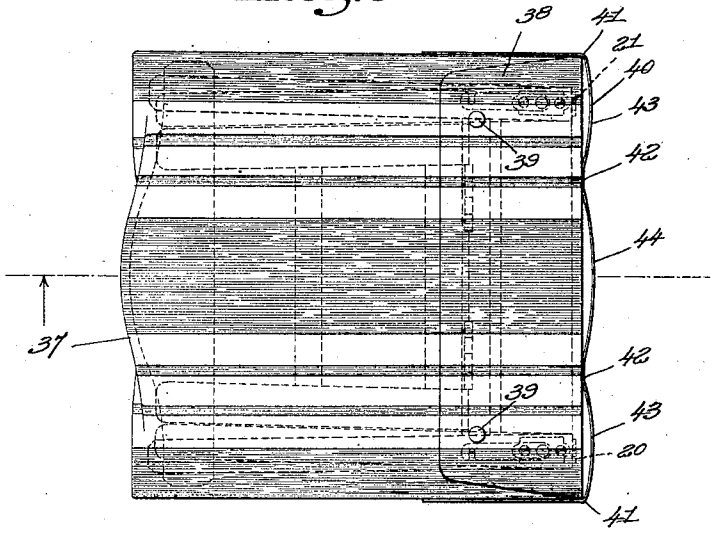
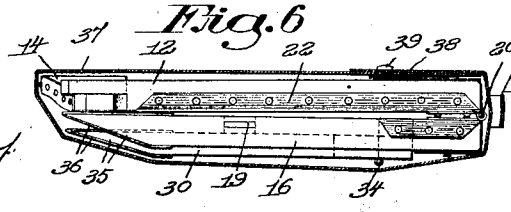


Fig. 6



Witness

Frederick L. Greiling

Inventor

David T. Robertson

by his attorneys

Van Everen Fisk

Hildreth & Cary

Patented Feb. 28, 1928. 1,660,494

UNITED STATES PATENT OFFICE.

DAVID T. ROBERTSON, OF NEW YORK, N. Y.

CHAIR.

Application filed January 11, 1926. Serial No. 80,410.

The present invention relates to an improvement in chairs.

In the accompanying drawings illustrating the preferred form of the invention, Fig. 1 is a perspective view of the chair; Fig. 2 is a sectional elevation showing the chair parts in set-up position; Fig. 3 is a rear elevation of the chair partially folded; Fig. 4 is an edge view of the same; Fig. 5 is a view showing the chair folded and enclosed in the seat; and Fig. 6 is an edge view of the same.

The illustrated embodiment of the invention is described as follows: The chair back consists of a top part 10 and a bottom part 11 hinged together. The side rails 12 and 13 of the top part of the back are united by two cross-braces, which are the top cross-brace 14 and the bottom cross-brace 15. The bottom part 11 of the chair back comprises two side members 16 and 17, which are also united by two cross-braces 18 and 19. The hinges 20 and 21 unite the side rails 12 and 16, and the side rails 13 and 17, respectively. A continuous canvas cover 22 is provided for the back, which is secured to the side rails, the top cross-member 14, and to the upper cross-member 18 of the lower part of the back by trunk nails. The hinge affords means for folding the top and bottom portions of the back upon each other for reducing the size of the chair to one convenient for portability.

When opened out, as shown in Fig. 1, the side rails are held in open position by two latches, one on each side of the chair. The latches are described as follows: The escutcheon 23 is secured to the lower end of the rear side of the side rail by screws 24. To this escutcheon 23 at its center is pivotally attached the latch member 25. A second escutcheon 26 is similarly secured to the rear sides of the upper ends of the side rails of the lower member of the back, and it is provided with a button 27 adapted to receive the notch in the latch 25. After the chair is unfolded by swinging the latch 25 into position so that its notch engages the button 27 on each side of the chair, the back will be held in a stiff, rigid, extended condition.

The lower member of the back is provided with a hinged supporting member indicated in a general way by the reference character 28. It has two side rails 29 and 30 united by a top cross-member 31 and a bottom cross-member 32. The top cross-member 31 is secured by hinges 33 and 34 to the top cross-member 18 of the lower part of the chair back. It is therefore adapted to be swung out, as shown in Fig. 2. The lower ends of the side rails 16 and 17 of the lower part of the chair back, and the lower ends of the side members 29 and 30 of the hinged supporting member, are beveled, as shown at 35, and covered with brass wear plates 36. These bevels are on the rear sides of the side rails referred to, and calculated to assist in supporting the chair member in the ground.

The lower end of the back canvas is bent back underneath the front and two cross seams are sewed through these layers, one about one-half inch from the lower end and the other parallel thereto and about an inch and a half above. The space between the two seams receives a piece of rubber tubing 45, to form a cushioning stuffing to protect the back of the user from coming in contact with the cross-rail.

The seat of the chair consists of a canvas bag 37, which is provided with a flap 38 adapted by snap fasteners 39 to be secured to the surface of the bag in closed position. At the hinge of the flap to the bag the bag is provided with a strap 40 of canvas, which extends down the sides of the bag a certain distance, as shown in Fig. 5, up along the sides of the bag to the corners 41, and thence across the top of the bag and down the other side. This strap is sewed fast to the bag from its ends to the bag corners. From that point to the points 42 the strap is loose, and between the points 42 the strap is also loose, but at the points 42 the strap is sewed fast to the top of the bag. The loose portions 43 of the strap afford loops through which the legs 16 and 17 of the chair back may be thrust into the ground, and the loose portion 44 of the strap makes a handle by which the bag may be carried in the hand.

It will be seen from reference to Figs. 5 and 6 that the chair folds up into a small compass, and in such folded condition may be slipped into the bag and then forms a convenient package to be carried by the user to the beach or place where he desires to use the chair. He then opens the bag, takes the chair out, unfolds the back, fastens the clips in place, thrusts the chair back legs into the ground through the loops of the bag provided for that purpose, and then moves the strut into correct position with relation to the back and thrusts both the back legs and the strut legs into the ground a sufficient

distance to afford a fair hold, and then the chair is suported in the position illustrated in Fig. 1 ready for use.

The cover performs the double purpose of a seat and a bag in which to carry the folded chair. The chair is light, strong and durable.

Having thus described the invention, what is claimed is:

1. A chair comprising a back portion having two side rail extensions for penetrating the ground, a hinged strut member forming an oblique support for the back, and a seat member consisting of a chair bag and carrier adapted to receive the chair when folded having three loops upon its upper edge, two outer loops to receive the side rail extensions of the back, and a central loop serving as a handle for carrying the bag and folded chair.

2. A folding chair comprising an upper back portion and a lower back portion, hinges uniting the upper and lower back portions, clasps for holding the two back portions in open position, the two back portions having two side rails and two cross rails respectively uniting them, the side rails of the lower back portion being extended and forming feet to penetrate the ground, the lower cross rail of the lower back portion providing means for limiting the distance which the feet of the side rails of the lower back portion may be thrust into the ground, the upper cross rail of the lower back portion being provided with a hinged strut member comprising two side rails having foot extensions adapted to be thrust into the ground, and two cross rails, one located at the upper end of the strut member and the other located short of the lower end of the strut member, the lower cross rail of the strut member acting to limit the distance which the feet of the strut member may be thrust into the ground, a canvas back covering the entire upper back member and the upper part of the lower back member, the chair being adapted to be folded by swinging the upper back member forward through 180° into contact with the front side of the lower back member, and the strut member being adapted to be folded forward toward the lower part of the lower back member so that the three hinged portions of the chair, namely the upper back member, the lower back member and the hinged strut member all occupy positions parallel to each other of a length not exceeding the length of the lower back member side rails, and a bag adapted to receive the chair in folded position, said bag having a front and back and a hinged flap extending from the back over down on the front of the bag, the bag being provided with a strap secured to the edges near the open end of the bag, extending along both side edges of the bag to the top, and being secured thereto throughout such portion, and thence across the top of the bag, being secured thereto at two points about one-third of the distance across the top of the bag, thereby forming three loops in the strap, the middle one constituting a handle by which the bag with the chair contained therein may be carried, and the two outer loops being adapted to receive the feet of the side rails of the lower back portion, through which loops such feet are forced into the ground in setting up the chair.

In testimony whereof I have signed my name to this specification.

DAVID T. ROBERTSON.