Feb. 22, 1927. 1,618,220

C. ORR

COMBINED CHAIR AND STOOL

Filed July 11, 1925 2 Sheets-Sheet 1

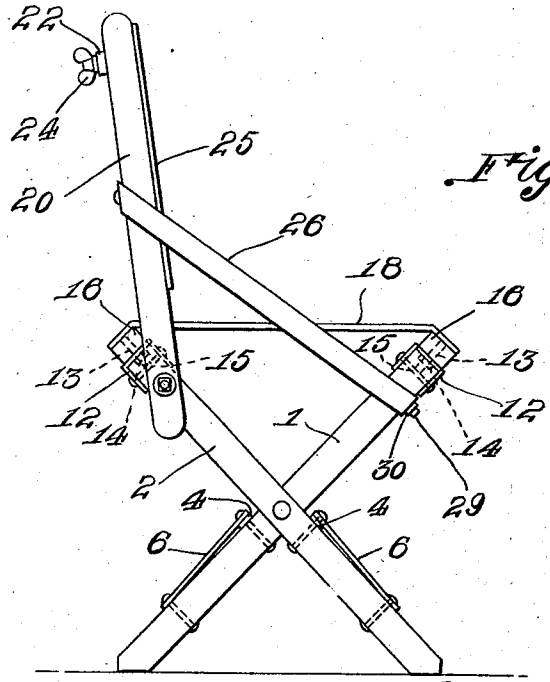


Fig. 1.

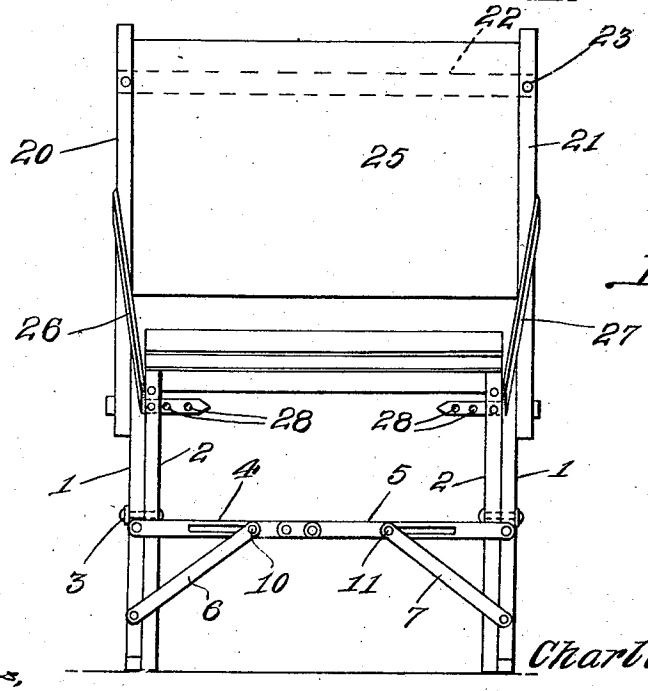


Fig. 2.

Leo Hayes,
S. Harrell
WITNESS:

Charles Orr,
INVENTOR
BY Victor J. Evans
ATTORNEY

Feb. 22, 1927.

C. ORR

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Fig. 3.

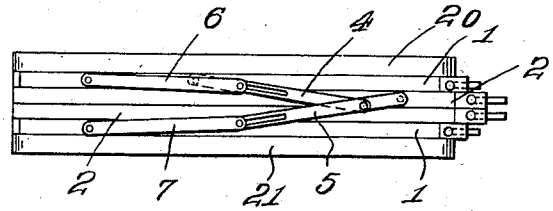


Fig. 4.

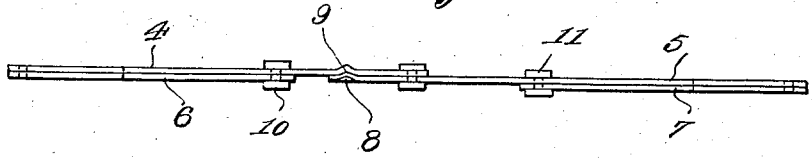


Fig. 5.

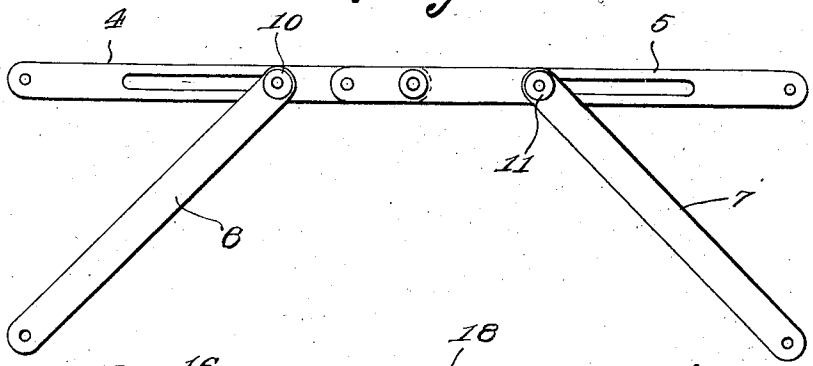
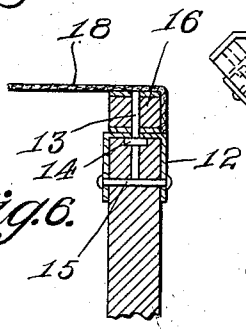


Fig. 6.



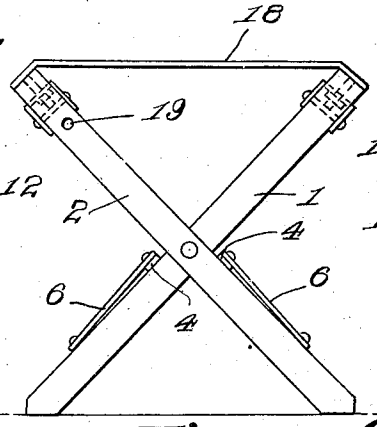


Fig. 7.

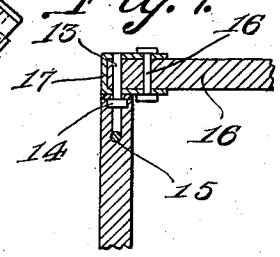


Fig. 8.

Charles Orr,
INVENTOR

BY Victor J. Evans

ATTORNEY

WITNESS

Patented Feb. 22, 1927. 1,618,220

UNITED STATES PATENT OFFICE.

CHARLES ORR, OF HAYDEN, ARIZONA.

COMBINED CHAIR AND STOOL.

Application filed July 11, 1925. Serial No. 43,001.

This invention relates to furniture and more particularly to camp furniture of the foldable type.

The primary object of the invention is to provide a combined chair and stool for camp, deck and other purposes, and one that is capable of being folded into a very compact form whereby it may be easily transported.

Another object is to provide a combined chair and stool of the foldable type that is extremely strong and substantial, and capable of withstanding considerable abuse, the structure being adequately braced for that purpose.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a side elevation of the structure forming the subject matter of the present invention in the form of a chair.

Figure 2 is a front view of the structure as shown in Figure 1 in a slightly enlarged form.

Figure 3 is a view showing the chair folded.

Figure 4 is an edge elevation of the brace member forming a portion of the invention.

Figure 5 is a side elevation of the brace member.

Figure 6 is a sectional view taken on line 6—6 of Figure 1.

Figure 7 is a sectional view taken on line 7—7 of Figure 1 and

Figure 8 is a side elevation of the present invention in the form of a stool.

Referring to the drawings in detail it will be noted that the piece of furniture forming the subject matter of the present invention is provided with two pairs of spaced crossed legs 1 and 2 and passing through the central portion of each pair of crossed legs are pivot pins 3 and 4 whereby they may be folded in the usual manner. The outer crossed leg of each pair has pivotally secured thereto a brace member which includes a pair of slotted links 4 and 5 and solid links 6 and 7. The inner crossed legs of each pair are also provided with a brace member of the same structure and therefore it is thought that description of one of these brace members will suffice. The arm 5 of the brace members is slightly longer than the arm 4 thereof and extending from the inner end of the arm 5 is a projection 8 adapted to be received in a depression 9 when the brace member is arranged in operative position as shown in Figure 2 of the drawings. The respective links 6 and 7 of the brace members are fixed to the crossed legs below the point of connection of the links 4 and 5 and the opposite ends of the links 6 and 7 are mounted for slidable movement in the slots of the links 4 and 5 through the medium of headed studs 10 and 11.

The upper ends of each of the crossed legs are reinforced by substantially U-shaped cap members 12 through which passes a dowel pin 13 substantially secured in the ends of the legs through the medium of a nut 14 embedded therein and engaging the under surface of the cap members 12 as clearly shown in Figures 6 and 7 of the drawings. The cap members are fixed to the legs through the instrumentality of headed bolts 15 passing transversely therethrough. The dowel pins extend a considerable distance above the upper ends of the crossed legs and are adapted to be received in the ends of the cross strips 16 which also have their ends reinforced by cap members 17 of a shape similar to the cap members 12. The cap members 17 being provided with openings aligned with bores passing through the respective ends of the cross strips for receiving the dowel pins as shown. The cap members 17 are also secured by headed bolts 16′. The usual canvas seat 18 or the like is secured to the upper surface of the cross strips 16 by any well known means. The structure thus far described is a stool and in order to provide a chair the upper ends of the outer cross legs has formed therethrough registering openings 19 to which is secured the lower ends of a pair of upright strips 20 and 21. The upright strips 20 and 21 are substantially braced by a cross member 22 which has its ends fixed adjacent the upper ends thereof by bolts 23 which has threadedly secured thereto wing nuts 24 so that the upright strips may be readily removed from the cross member if desired. A strip of canvas 25 is fixed to the upright strips 20 and 21

to provide a comfortable back engaging surface. The upright strips and cross member 22 together with the canvas provide a back for the stool and therefore transforms the same into a chair. In order that the back may be adequately secured the same is braced through the medium of adjustable flexible straps 26 and 27 which are secured substantially midway the ends of the upright strips as clearly shown in Figure 1 of the drawings. The opposite ends of the flexible strips are provided with a plurality of aligned openings 28 adapted to be received by the threaded ends of bolts 29 and held thereon through the medium of the nuts 30. By employing the plurality of openings it will be readily apparent that the back may be adjusted to various inclinations, depending of course upon the number of openings employed.

As shown in Figure 3 the chair is arranged in folded position and this may be readily accomplished by breaking the brace members at the point of intersection of the links 4 and 5 thereof and folding the crossed legs in a manner to lie in parallel relation. The upright strips 20 and 21 of the back member may then be folded parallel with the legs by disconnecting the lower ends of the flexible straps 26 and 27, and removing the cross member 22.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

In a piece of furniture of the foldable type, crossed legs arranged in parallel pairs, dowel pins arranged in the upper ends of said legs and rising therefrom, a nut secured to each dowel pin intermediate its ends and being embedded in the legs, a cap for each leg and overlying the nuts for retaining the dowel pins in operative position, bolts arranged transversely of said legs for securing the caps thereto, and a seat portion held associated with said legs through the instrumentality of the dowel pins.

In testimony whereof I affix my signature.

CHARLES ORR.