Dec. 26, 1933. W. H. WHALLEY ET AL 1,941,333

TABLE OR CHAIR

Filed Dec. 19, 1932 2 Sheets-Sheet 1

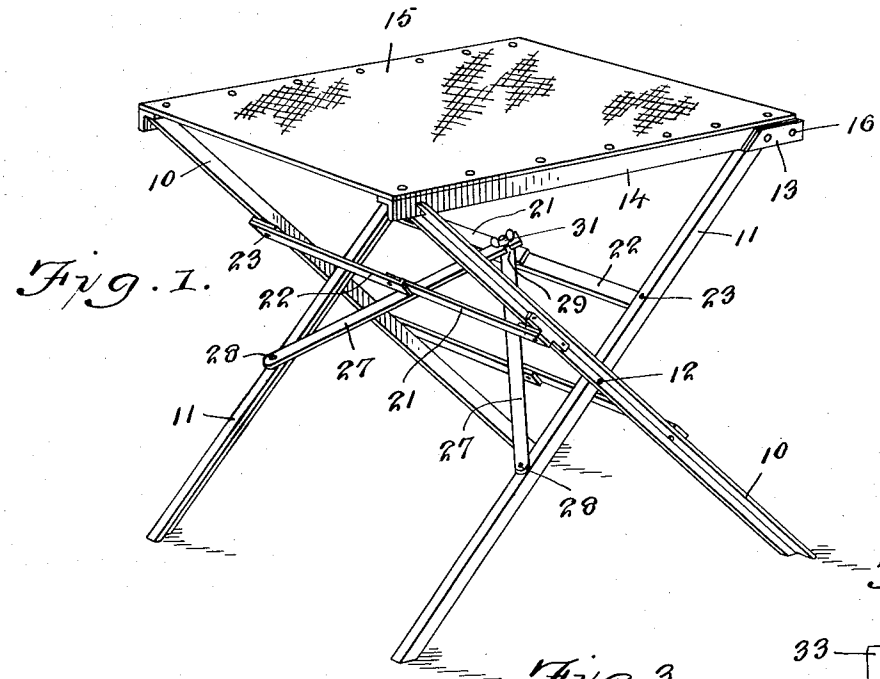


Fig. 1.

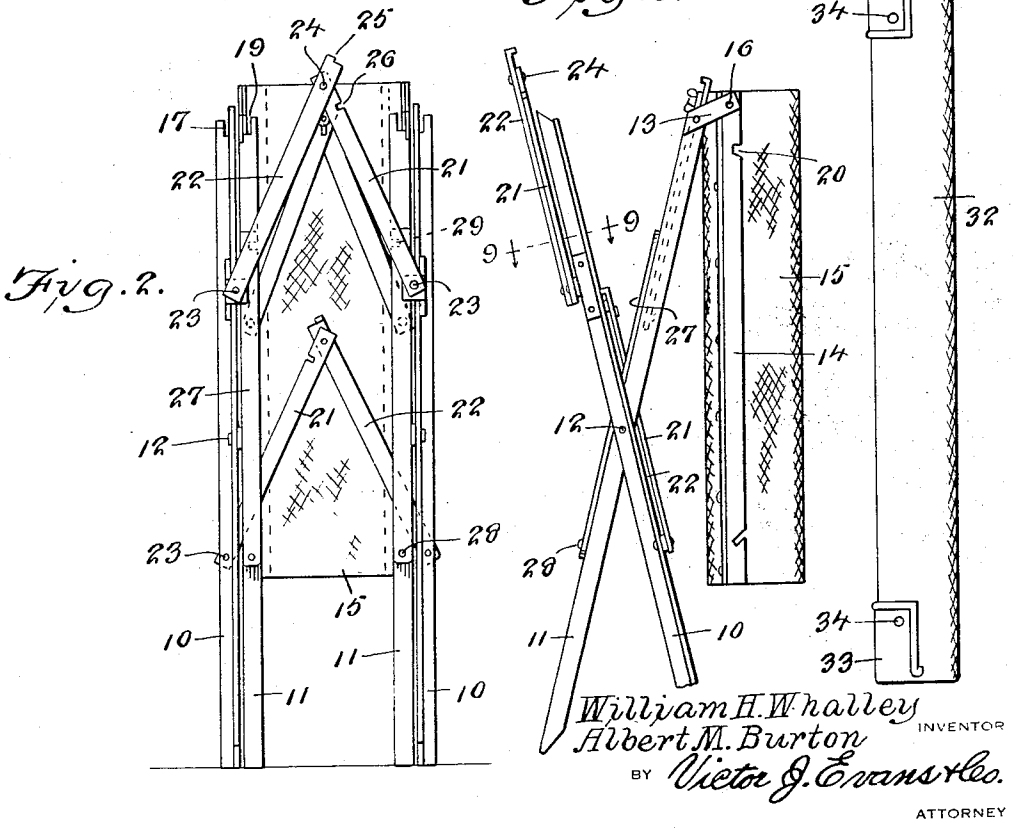


Fig. 2.

Fig. 3.

Fig. 4.

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Fig. 5.

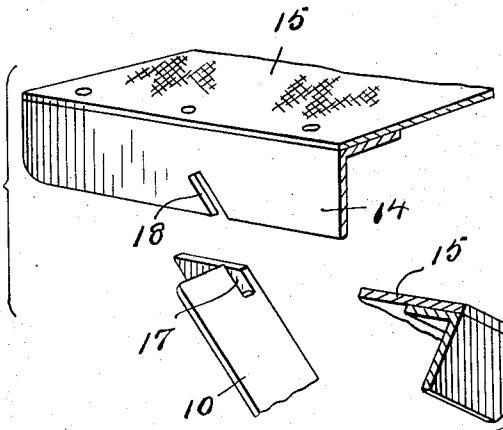


Fig. 6.

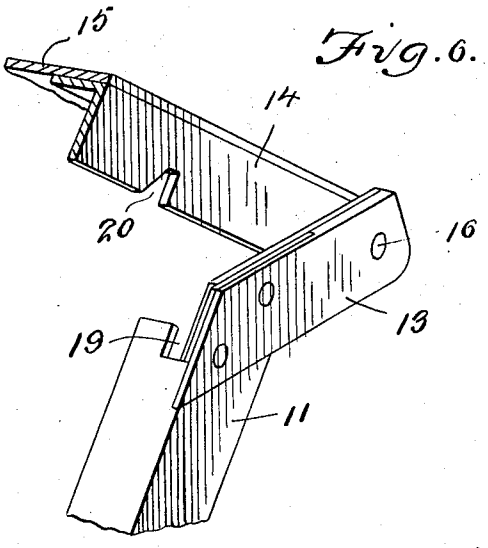


Fig. 7.

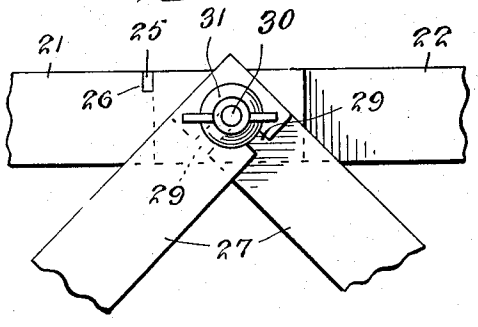


Fig. 9.

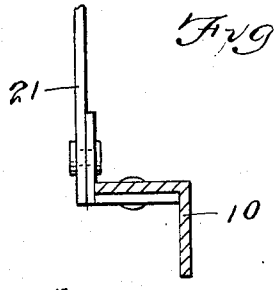


Fig. 8.

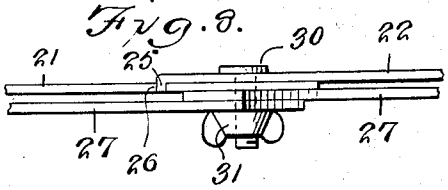
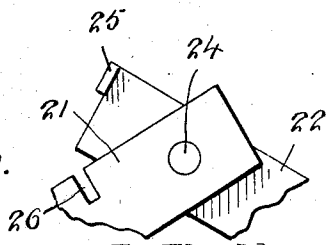


Fig. 10.



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UNITED STATES PATENT OFFICE

1,941,333

TABLE OR CHAIR

William H. Whalley and Albert M. Burton,
Pittsburgh, Pa.

Application December 19, 1932
Serial No. 647,980

1 Claim. (Cl. 155—150)

The invention relates to an article and more especially to a table or chair.

The primary object of the invention is the provision of an article of this character, wherein the legs and other parts thereof are susceptible of folding and unfolding and when in the latter condition will present for use a table, chair or stool, the article being of novel construction and readily and easily folded and unfolded with dispatch.

Another object of the invention is the provision of an article of this character, wherein on the folding of the same it is susceptible of being carried in a convenient manner or stored within the least possible space, the article being adaptable particularly for use when unfolded or set up at outdoor games, parades, funerals or for campers' or tourists' use and is usable as a table, chair or stool.

A further object of the invention is the provision of an article of this character which is extremely simple in construction, thoroughly reliable and efficient in its purpose, neat in appearance, light in weight yet strong, durable and inexpensive to manufacture.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described in detail, illustrated in the accompanying drawings, which disclose the preferred embodiment of the invention, and pointed out in the claim hereunto appended.

In the accompanying drawings:

Figure 1 is a perspective view of the article constructed in accordance with the invention set up for use either as a table, chair or stool.

Figure 2 is a side elevation showing the article collapsed or folded.

Figure 3 is an end elevation.

Figure 4 is an elevation showing the casing for the reception of the article when in folded condition.

Figure 5 is an exploded fragmentary perspective view showing in detail the manner of connecting the top or seat section with one leg.

Figure 6 is a perspective view showing the hinge connection of the top or seat section with another leg and the manner of interfitting thereof.

Figure 7 is a fragmentary elevation of the connection of the cross braces between the legs of the article.

Figure 8 is a top plan view of the parts shown in Figure 7.

Figure 9 is a detail sectional view on the line 9—9 of Figure 3.

Figure 10 is a fragmentary elevation of a break joint of one of the braces of the article.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

Referring to the drawings in detail the article constituting the present invention is usable as a table, chair or stool and comprises the pairs of crossed legs 10 and 11 respectively, each being preferably made from L bars and at their crossing points are joined by pivots 12 so that the legs can be swung into parallelism with each other or in X relation one to the other of the pairs.

The legs 11 each has an offset 13, these being directed outwardly and to said offsets is swingingly connected a top or seat including the side bars 14, each being of L formation in cross section and having riveted or otherwise made fast thereto a flexible section 15. Each of the bars 14 is connected by a pivot 16 to the offset 13 so that the top or seat can be swung in an arcuate direction. The legs 10 at their ends next to the top or seat have formed therein notches 17 and likewise formed in the bars 14 are the notches 18 so that these bars can be interlocked or interfitted with the legs 10 when the article is set up for use and thus the legs will be prevented from relative movement with relation to the top or seat.

It is also true that the legs 11 next to the offsets are provided with the notches 19, while the side bars 14 of the top or seat are provided with the notches 20 for the interfitting of these bars 14 with the said legs 11 and thus relative movement therebetween is eliminated when the article is set up for use.

Connected with the legs 10 and the legs 11 are the break jointed brace pieces 21 and 22 respectively, these being pivoted at 23 to the said legs and at the pivotal break joint 24 is a keeper nib 25 receivable in a keeper slot 26 so that when the pieces 21 and 22 are brought into alignment with each other the same will be interlocked for the spreading of the legs 10 and 11 as is clearly apparent from Figure 1 of the drawings.

Connected with the legs 11 are the supplemental brace pieces 27, these being pivoted at 28 to said legs and are provided with the notched ends 29 for detachable engagement with a nut carrying bolt 30 forming the break joint pivot for the brace pieces 21 and 22 carried by the legs 11, the nut 31 of the bolt 30 being of the wing type to permit hand adjustment.

It will be apparent that when the article is set up for use the brace pieces 27 are made secure by the nut 31 with the bolt 30 so that rigidity is assured to the article when in use.

The article is readily foldable to compact form and when in this condition can be placed within a casing 32, preferably of tubular or cylindrical formation, having the end flaps 33 secured closed by snap fasteners 34, the casing 32 being preferably made from canvas although it may be made from other suitable material and likewise the section 15 is preferably made from canvas although it may be made from other flexible material.

What is claimed is:

The combination of crossed pivotally connected legs arranged in pairs opposite each other, members swingingly connected to one leg of each pair, a flexible seat joined with said members, the swinging members and upper ends of the remaining legs having interfitting notches to hold the said members and remaining legs against relative longitudinal and lateral movements, break-jointed braces pivoted to one leg of each pair on opposite sides of their pivotal connection with the other leg, a break-jointed brace pivoted to the other legs of said pairs, and angularly disposed supplemental braces detachably connected with the last named brace at its break joint and also with the legs of the pairs carrying said last-named brace.

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