

**Nov. 30 , 1926.**

N. N. BROWN

**1,608,924**

FOLDING TABLE AND THE LIKE

Filed Sept. 6, 1921.

2 Sheets-Sheet 1

*Fig. 1.*

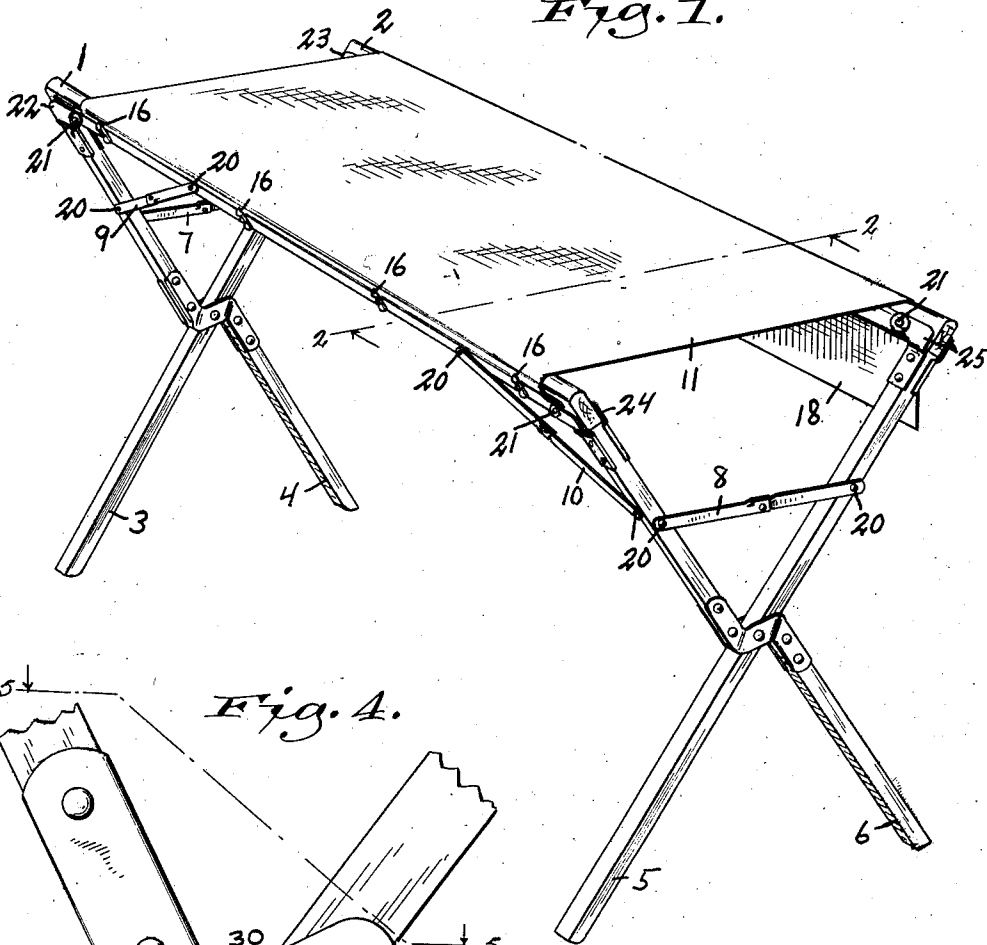
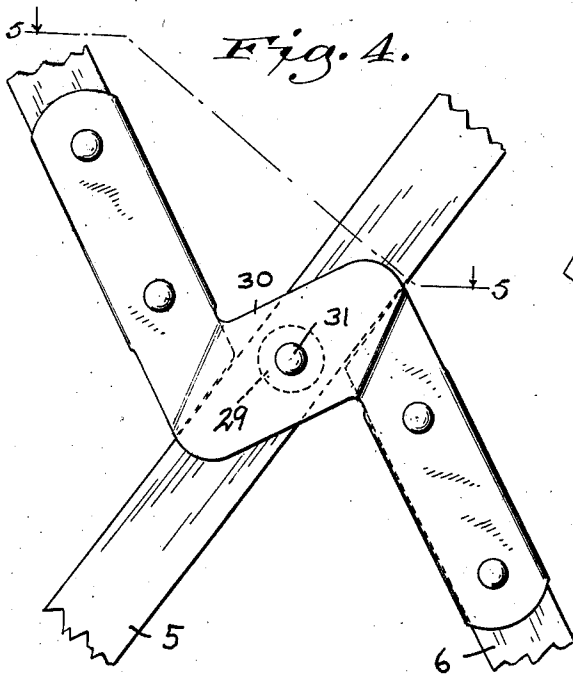


Fig. 4.



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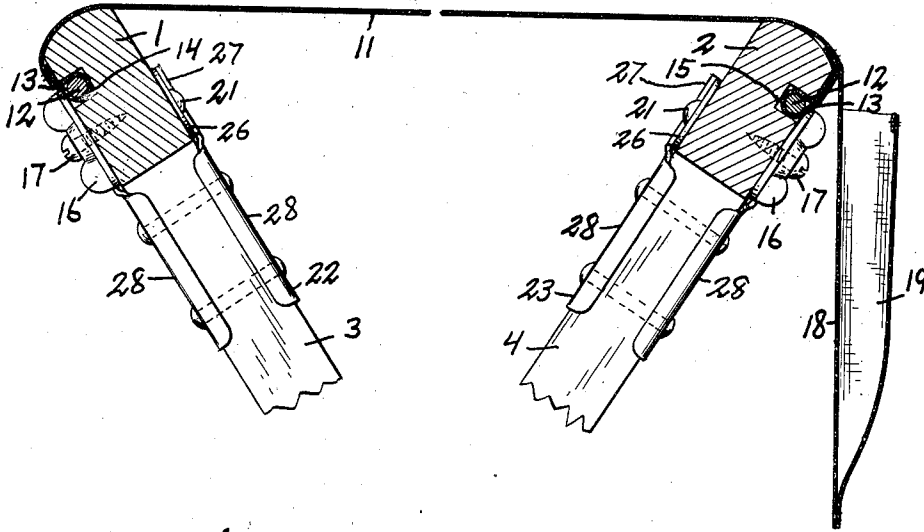
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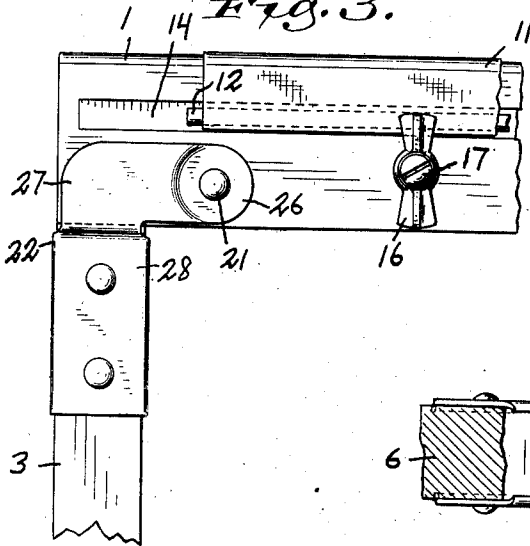
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2 Sheets-Sheet 2

*Fig. 2.*



*Fig. 3.*



*Fig. 5.*

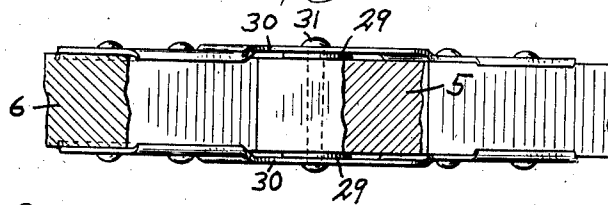
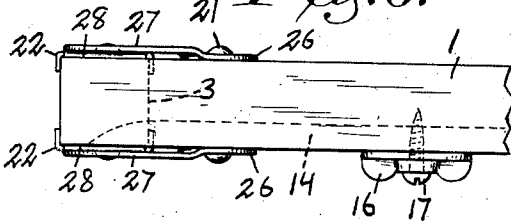


Fig. 6.



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1,608,924

# UNITED STATES PATENT OFFICE.

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## FOLDING TABLE AND THE LIKE.

Application filed September 6, 1921. Serial No. 498,725.

This invention relates to folding tables and the like and the object of the invention is to improve the construction of folding tables and the like in the manner to be hereinafter described and claimed.

Referring to the drawings which accompany this specification and form a part hereof, which drawings illustrate an embodiment of this invention, and on which drawings the same reference characters are used to designate the same parts wherever they may appear in each of the several views, Fig. 1 is a perspective view of a folding table; Fig. 2 is a cross-section, on a larger scale, of parts of the table, taken on the line 2—2 on Fig. 1, looking in the direction indicated by the arrows; Fig. 3 is an elevation, on a larger scale, of parts of the table; Fig. 4 is an elevation, on a larger scale, of parts of the table; Fig. 5 is a cross-section, taken on the line 5—5 on Fig. 4, looking in the direction indicated by the arrows; and Fig. 6 is a plan view of the parts of the table shown by Fig. 3, but with the top removed.

Referring to the drawings, the reference numerals 1 and 2 designate side rails to which legs 3, 4, 5 and 6 are hinged. The legs are hinged together in pairs so that the table can be folded by moving the legs into parallelism, which brings the side rails together, and then one pair of legs can be turned parallel with the side rails and the other pair of legs can be turned parallel with the first pair of legs and the side rails. The reference numerals 7 and 8 designate braces which are pivotally connected with the legs and which are provided with a form of rule-joint, and the reference numerals 9 and 10 designate braces which are pivotally connected with a side rail and legs and which are provided with a form of rule-joint similar to the other braces. A top 11 is provided for the table and for quickly attaching and detaching the top the following construction is adopted. The top 11 is formed of some flexible material, such as duck, and the edges are hemmed to receive wires or rods 12 within the hems 13. The side rails 1 and 2 are formed with grooves 14 and 15, respectively, in the outer sides thereof to receive the wires or rods 12 and the hems of the top and movable means 16, illustrated as buttons pivoted on screws 17, are movable over the grooves to retain the wires and hems therein. The grooves 14

and 15 are illustrated as terminating short of the ends of the side rails 1 and 2 so that there is no possibility of the wires or rods becoming displaced endwise. The top may be provided with one or more depending flaps 18 on which pockets 19 may be formed. The wires or rods can be readily slipped out of the hems 13 for washing or sterilizing the top.

The several hinges and the braces are pivotally connected with parts of the table and one of the objects of the invention is to so construct the hinges and braces and their pivotal connections that the table can be made sanitary and of good appearance and kept so. This result is accomplished by preventing rubbed or rubbing surfaces from being exposed at any time, as will be understood from the following description. Circular bearings are formed concentric with the pivots 20 for the braces 7, 8, 9 and 10 and circular bearings are formed concentric with the pivots 21 for the hinges 22, 23, 24 and 25 which can be easily done by raising a circular disk on the metal by means of dies, the circular disk 26 being raised on that side of the metal which is to be towards the leg or side bar, as will be clear from an inspection of Fig. 6 of the drawings. To give more clearance, the part 27 of a hinge member between a circular disk 26 and the riveted part 28 may be off-set outwardly, as clearly shown by Figs. 3 and 6 of the drawings. Instead of raising a circular disk, as hereinbefore described, circular washers 29 may be interposed between a hinge member and the part to which it is pivoted, as clearly shown by Figs. 4 and 5 of the drawings, and the hinge members may be provided with off-set parts 30 adjacent the washers 29 and the pivots 31.

In order that the table may be folded as hereinbefore described, it will be understood that the pivots 21, or the apertures therefor in the hinges or hinge members for the legs 3 and 4 are only at a sufficient distance from the legs 3 and 4 to permit these legs to be folded parallel with the side rails, while the pivots 21, or the apertures therefor in the hinges or hinge members for the legs 5 and 6 are at a greater distance from the legs 5 and 6 by the thickness of the legs 3 and 4.

The hinge and joint construction for the legs 3 and 4 and the legs 5 and 6, by which they are united pivotally in pairs are or-

dinary, well-known constructions, except for the specific construction hereinbefore described, and therefore require no detailed description in this specification.

6 What is claimed is:

1. In a table of the character described, the combination of a top, legs associated therewith to support the same, means connecting each of said legs to said top, pivots  
10 cooperating with said means for permitting folding of said legs against said top, said means comprising hinge members having parts thereof offset outwardly with respect  
15 to said legs, said offset parts being raised inwardly at the ends thereof to provide circular disks apertured to receive said pivots, and means for holding said legs in operative position.

2. In a table of the character described, the combination of a top, legs associated  
20 therewith to support the same, L-shaped hinge members having the vertical portions thereof secured to said legs and the horizontal portions thereof offset outwardly with  
25 respect to said legs, said offset portions being raised inwardly at the ends thereof to provide circular disks adapted to bear against said top, pivots extending through registering openings in said top and said disks for  
30 pivotally connecting said legs to said top for folding against the same, and means for holding said legs in operative position.

In witness whereof I hereto affix my signature.

NEWTON N. BROWN.