

Dec. 13, 1932.

L. S. WILLIAMS

1,890,710

FOLDING TABLE

Filed Sept. 28, 1931

2 Sheets-Sheet 1

Fig 1

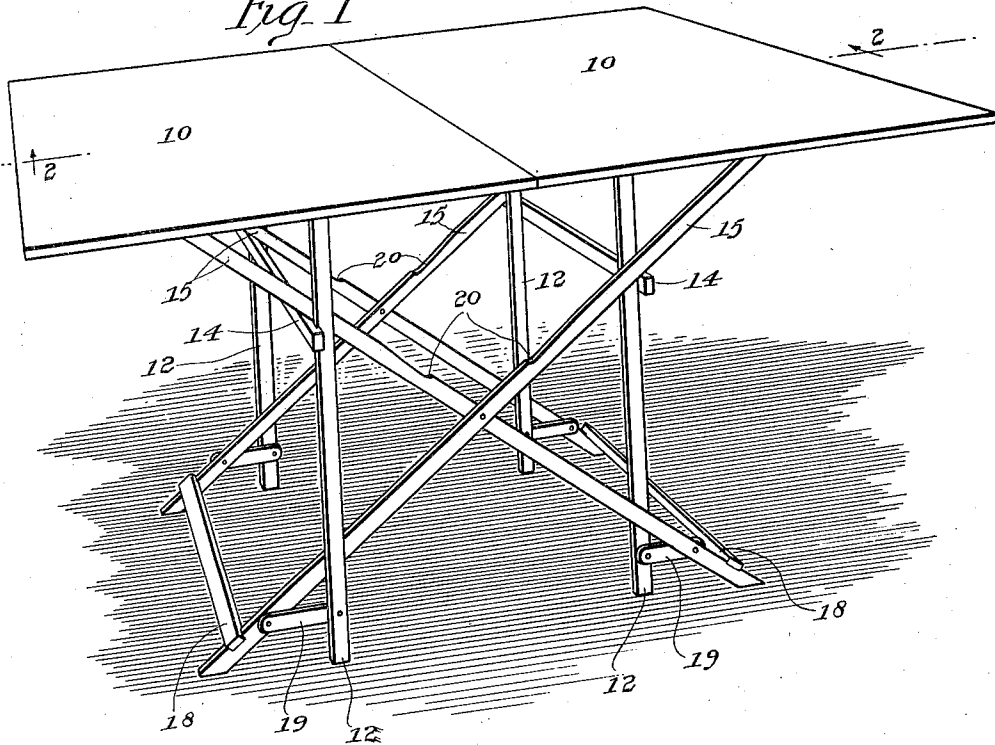
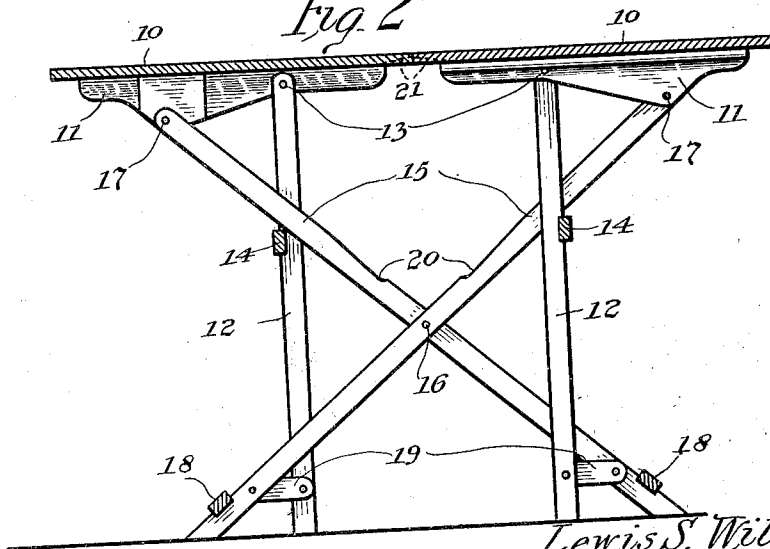


Fig 2



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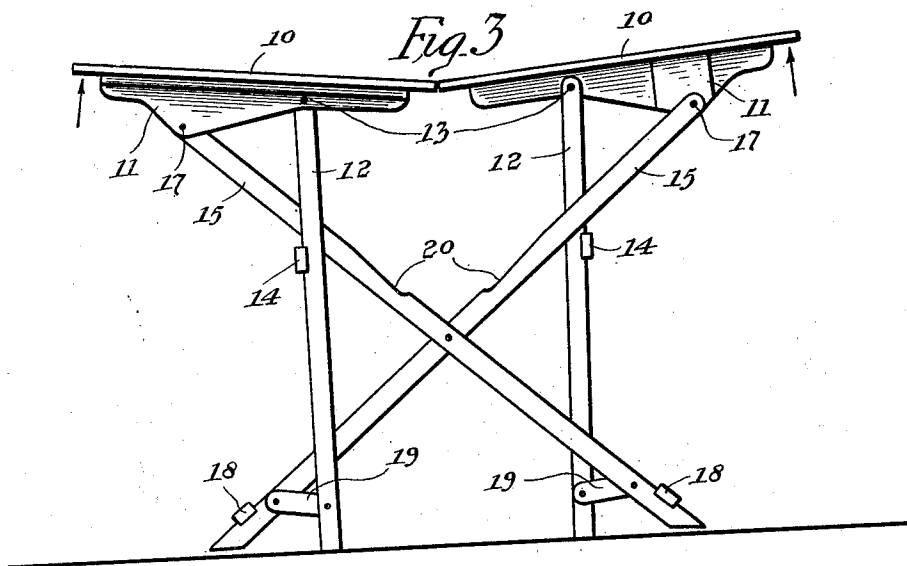
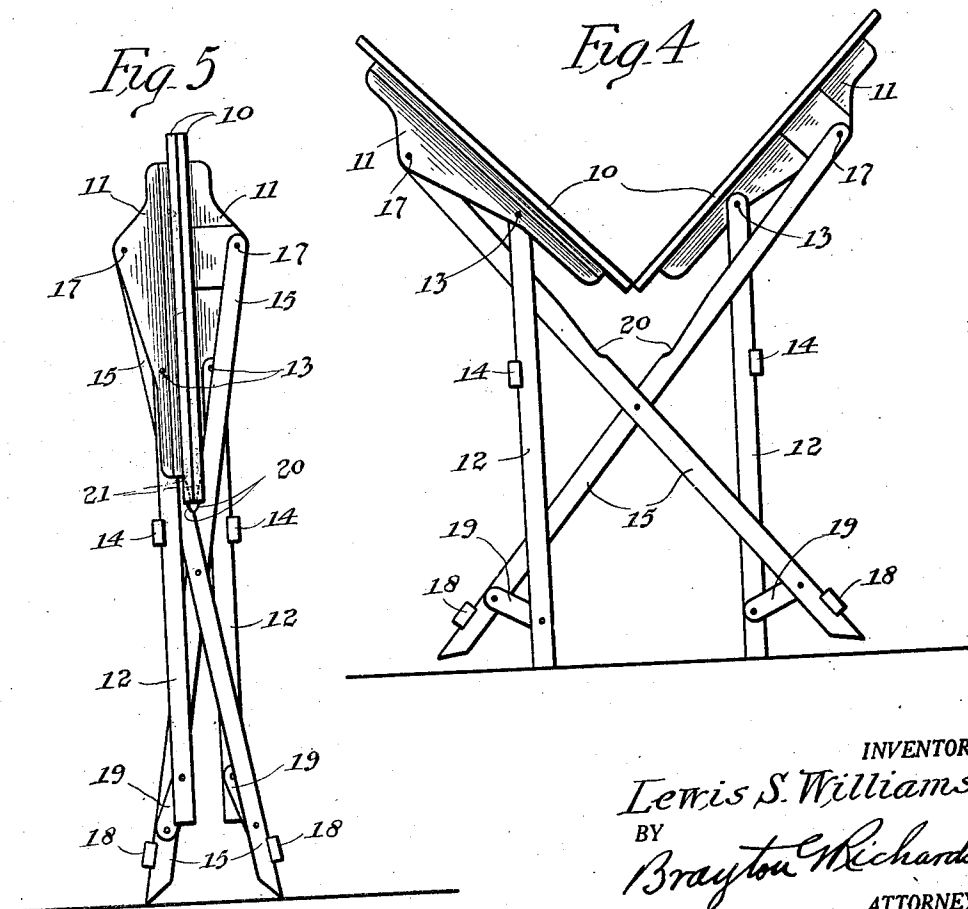
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FOLDING TABLE

Application filed September 28, 1931. Serial No. 565,426.

The invention relates to improvements in folding tables and has for its primary object the provision of a simple and efficient construction of the character indicated which is capable of economical manufacture.

Another object of the invention is the provision of a folding table having improved means for supporting and folding the same.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which

Fig. 1 is a perspective view of a folding table embodying the invention;

Fig. 2 a transverse section of the same taken substantially on line 2—2 of Fig. 1;

Fig. 3 a front view of the table shown in initial position of folding;

Fig. 4 a similar view showing the table in intermediate condition of folding; and

Fig. 5 a similar view showing the table completely folded.

The embodiment of the invention illustrated in the drawings comprises two table parts 10, arranged in abutting relation to each other in a horizontal plane as shown, each table part being provided on its under side with two transverse reinforcing and securing members 11. Two supporting legs 12 are pivotally connected at 13 to the reinforcing members 11 on the under side of each table part 10, the corresponding legs being connected in pairs by means of cross pieces 14, as indicated.

Associated with the legs 12 are two pairs of crossed folding bars 15, the members of each pair being pivotally connected to each other at their points of crossing by means of pivot pins 16. At their upper ends the folding bars 15 are connected by pivot pins 17 with the corresponding reinforcing members 11, and at their lower ends the corresponding folding bars are connected in pairs by means of cross pieces 18, as indicated. At their lower ends the folding bars 15 are connected with the lower ends of the corresponding legs

12 by means of links 19 pivoted to each as shown. Each folding bar 15 is notched at 20 to cooperate with corresponding notches 21 in the inner under side of each table part 10 so as to facilitate folding flat of the two table parts, as indicated in Fig. 5.

In operation, when it is desired to fold the table, the opposite outer edges of the table parts 10 are grasped by the hands and raised upwardly, as indicated by the arrows in Fig. 3. This action will fold the table parts 10 upwardly along the central line of the table as indicated, thereby folding the crossed bars 15 and drawing the legs 12 together in parallel relation, as best indicated in Figs. 3, 4 and 5. Thus, the table parts 10 may be brought into flat facing relation, as shown in Fig. 5, and the legs 12 and folding bars 15 also folded, as indicated, into comparatively small space.

When it is desired to distend the parts into operative positions, all that is necessary is to reverse the folding operation by separating the table parts 10, whereupon the parts will assume the positions shown in Figs. 1 and 2. By this arrangement a simple and efficient folding table is provided which is capable of economical production and which may be readily folded into compact space or distended for use.

The specific form and arrangement of parts constitutes a simple and effective one for the purpose.

While I have illustrated and described the preferred form for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details disclosed, but desire to avail myself of such variations and modifications as fall within the scope of the appended claims.

I claim:

1. A folding table comprising two table parts foldable upwardly along a central line; a side support for each table part foldable relatively thereto; and crossed folding bars pivotally connected with said table parts and said supports and foldable as said parts fold.
2. A folding table comprising two table parts foldable upwardly along a central line;

a side support for each table part foldable relatively thereto; and crossed folding bars pivoted to each other at the points of crossing, pivoted at their upper ends to the under
5 sides of said table parts, and connected at their lower ends with the lower ends of said side supports by means of links pivotally connected with each.

3. A folding table comprising two table
10 parts foldable upwardly along a central line; two supporting legs for each table part pivotally connected thereto at their upper ends; cross members tying each pair of legs together; and two pairs of crossed folding bars op-
15 eratively connected with said foldable parts and with said legs.

4. A folding table comprising two table
parts foldable upwardly along a central line; two supporting legs for each table part piv-
20 otally connected thereto at their upper ends; cross members tying each pair of legs together; and two pairs of crossed folding bars pivoted to each other at the points of crossing, pivoted at their upper ends to the under sides
25 of said table parts, and connected at their lower ends with the lower ends of the corresponding opposite legs by means of links pivotally connected with each.

In witness whereof, I have hereunto set my
30 hand this 25th day of September, 1931.

LEWIS S. WILLIAMS.

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