

W. C. HORNER.
FOLDING TABLE.
APPLICATION FILED JUNE 5, 1911.

1,040,330.

Patented Oct. 8, 1912.

Fig. 1.

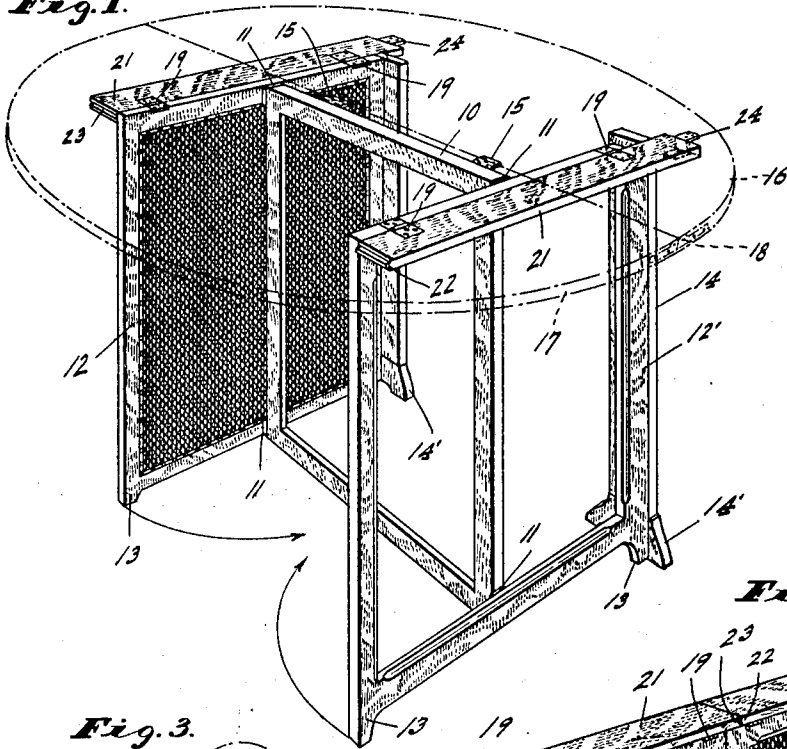


Fig. 2.

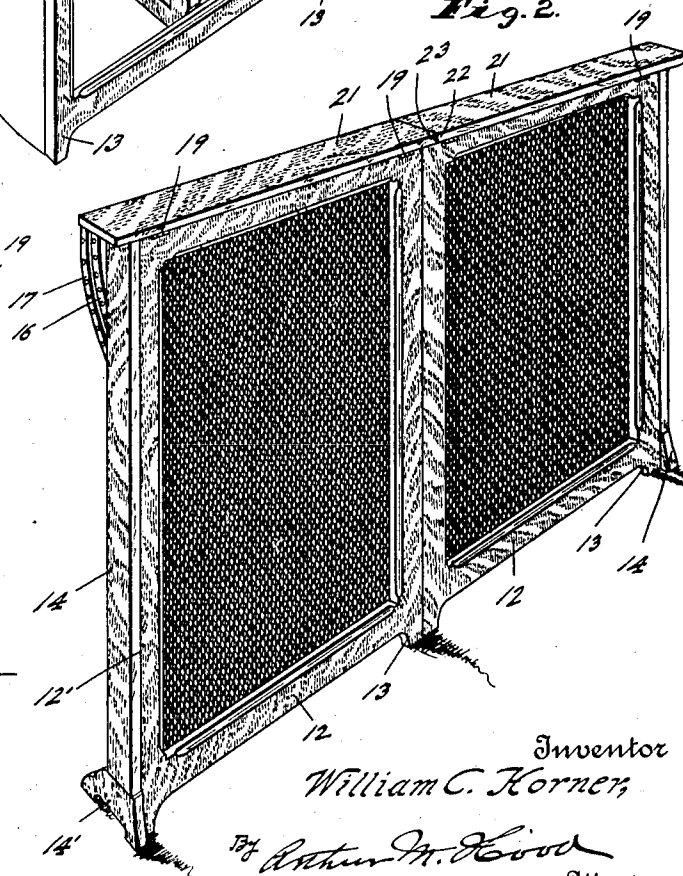
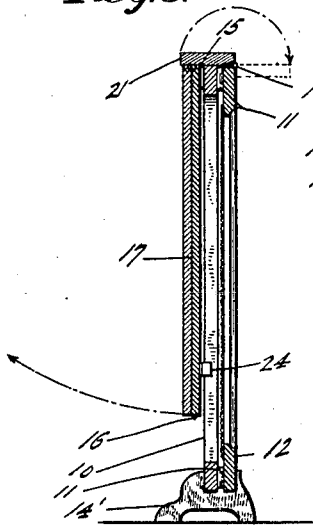


Fig. 3.



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UNITED STATES PATENT OFFICE.

WILLIAM C. HORNER, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO THE ART SCREEN TABLE COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

FOLDING TABLE.

1,040,330.

Specification of Letters Patent.

Patented Oct. 8, 1912.

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To all whom it may concern:

Be it known that I, WILLIAM C. HORNER, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Folding Table, of which the following is a specification.

The object of my invention is to produce a table which may be readily folded into very compact shape.

The accompanying drawings illustrate my invention.

Figure 1 is a perspective view with the folding top shown only in dotted lines, with the parts in extended position; Fig. 2 a perspective view with the parts in folded position, and Fig. 3 a vertical section with the parts in the position shown in Fig. 2.

In the drawings, 10 indicates a center or main frame which may be very conveniently a rectangular frame comprising only two horizontal and two vertical bars, although, if desired, the structure may be paneled, braced, or otherwise ornamented. Hinged to each vertical bar or frame 10 by hinges 11, 11 which have vertical pivots, is a side frame 12 which at its lower edge, is provided with suitable supporting feet 13, 13. Each frame 12 is so secured to hinges 11 that it may be swung either to a position at right angles to main frame 10 as shown in Fig. 1, or to a position parallel to said main frame, as shown in Figs. 2 and 3, and in order to form a finish for the outer edge 12' of each frame, when it is in folded position, I secure thereto a finishing board 14 which is given a width equal to the outside thickness dimension of the frames 10 and 12 when the parts are folded. This finishing board 14 extends the full height of frames 10 and 12 and at its lower end is provided with a suitable foot piece 14'. Hinged to that face of frame 10 which is opposite the one against which frames 12 may swing, by hinges 15, 15 which have horizontal pivots, is a table top member 16 which is preferably so shaped as to form one-half of the desired table top. A complementary table top member 17 is then hinged to the adjacent edge of top member 16 by hinges 18 which can be of any form proper to permit the folding of top member 17 over upon the top of top member 16.

In order to cover the upper edges of the several members when the parts are in

folded condition, I hinge to the upper edge of each member 12, by hinges 19, 19 which have horizontal pivots, a finish board 21 which preferably, when in extended position, lies flush with the upper edge of the frame 12 to which it is secured and projects outwardly therefrom. In order that the two finish boards 21, 21 may properly mate together when the end members 12 are folded against the main member 10, I provide one of said finishing boards with a tongue 22 which will seat in a groove 23 formed in the adjacent end of the other board 21.

In order to prevent injury to hinges 15 by an improper upward swing of the top board 16, I may provide, upon the under face of said board, two clips 24, 24 so arranged as to take under the adjacent ends of the finish boards 21 when the parts are in extended position.

With the parts in the position shown in Fig. 1, top 17 will first be folded upwardly and over upon the top of top 16. Thereupon the end members 12 may be swung in the direction indicated by the arrows in Fig. 1 until they lie parallel with the main frame 10, at which time tongue 22 will have entered groove 23. When the end members 12 have reached this position, the two top members 16 and 17 may swing downwardly together upon hinges 15 to a position parallel with main frame 10, as indicated in Fig. 3, the adjacent edges of the two top members 16 and 17 lying substantially flush with the upper edge of main frame 10 and the upper edges of end frames 12, 12. In these positions, the finish boards 14, 14 will extend sidewise so as to cover view of the vertical edges of the main frame 10 and end frames 12. Thereupon the finish boards 21 may be folded upwardly and over upon the tops of all of the parts, this movement of both of the finish boards 21 being accomplished by grasping either one of said boards.

I claim as my invention:

1. A folding table comprising a main frame, a pair of end frames pivoted along an intermediate vertical line at the vertical edges of the main frame so as to be swung at an angle to or substantially parallel with the main frame, a table top comprising two members parted on a line parallel with the main frame one of said top members being hinged upon horizontal hinges at the upper

edge of the main frame and the other of said top members hinged to the adjacent edge of the first mentioned top member whereby the last mentioned top member may
 5 be folded over upon the first mentioned top member and the two top members then folded down substantially parallel with the main frame, finishing boards carried by the outer vertical edges of the end frames so as to extend across the plane of the end frame when
 10 the parts are in folded position, and a finish board hinged at the upper edge of each end frame so as to swing over and cover the upper edges of all the parts when in folded
 15 position, said finish boards having their adjacent edges formed to interlock when the end frames are folded upon the main frame.

2. A folding table comprising a main frame, a pair of end frames pivoted along
 20 an intermediate vertical line at the vertical edges of the main frame so as to be swung at an angle to or substantially parallel with the main frame, a table top comprising two members parted on a line parallel with the
 25 main frame one of said top members being hinged upon horizontal hinges at the upper edge of the main frame and the other of said top members hinged to the adjacent edge of the first mentioned top member whereby the
 30 last mentioned top member may be folded over upon the first mentioned top member and the two top members then folded down substantially parallel with the main frame, and a finish board hinged at the upper edge
 35 of each end frame so as to swing over and cover the upper edges of all the parts when

in folded position, said finish boards having their adjacent edges formed to interlock when the end frames are folded upon the main frame.

3. A folding table comprising a main frame, a pair of end frames pivoted along an intermediate vertical line at the vertical edges of the main frame so as to be swung at an angle to or substantially parallel with the main frame, a table top comprising two members parted on a line parallel with the main frame one of said top members being hinged upon horizontal hinges at the upper edge of the main frame and the other of said top members hinged to the adjacent edge of the first mentioned top member whereby the last mentioned top member may be folded over upon the first mentioned top member and the two top members then folded down substantially parallel with the main frame, finishing boards carried by the outer vertical edges of the end frames so as to extend across the plane of the end frames when the parts are in folded position, and a finish board hinged at the upper edge of each end frame so as to swing over and cover the upper edges of all the parts when in folded position.

In witness whereof, I have hereunto set my hand and seal at Indianapolis, Indiana, this first day of June, A. D. one thousand nine hundred and eleven.

WILLIAM C. HORNER. [L. s.]

Witnesses:

ARTHUR M. HOOD,
 FRANK A. FAHLE.