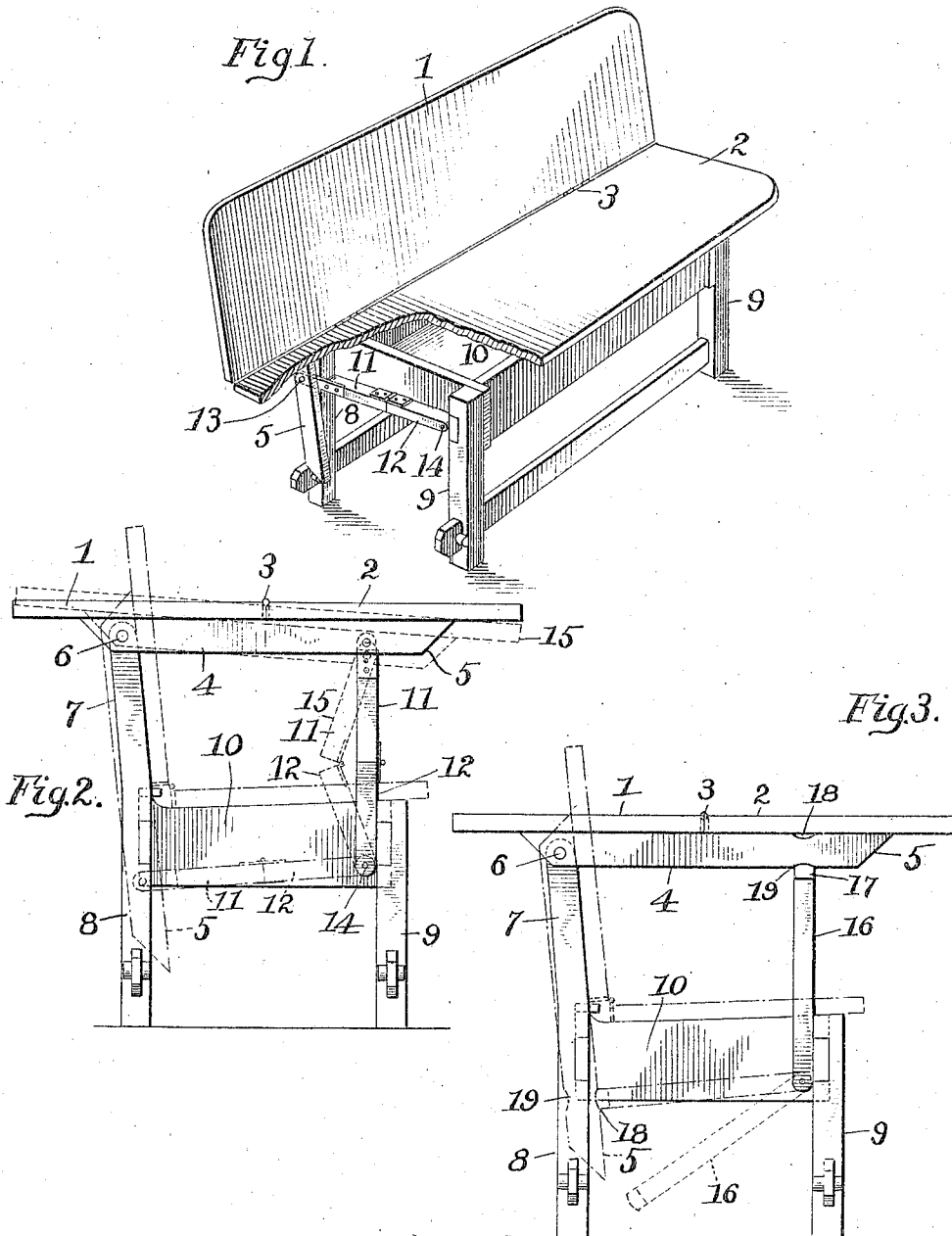


E. W. VAILL, JR.
FURNITURE.
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1,153,358.

Patented Sept. 14, 1915.



Witnesses:

Francis Boyle
Geo. W. Sedney.

Inventor
Edw. W. Vaill Jr.

UNITED STATES PATENT OFFICE.

EDWARD W. VAILL, JR., OF ORADELL, NEW JERSEY.

FURNITURE.

1,153,358.

Specification of Letters Patent. Patented Sept. 14, 1915.

Application filed October 21, 1914. Serial No. 867,638.

To all whom it may concern:

Be it known that I, EDWARD W. VAILL, Jr., a citizen of the United States, residing at Oradell, in the county of Bergen, State of New Jersey, have invented certain new and useful Improvements in Furniture, of which the following is a full, clear, and exact disclosure.

My invention relates to an article of furniture which may be used either as a seat or table and which may be easily converted from one to the other by a simple raising and lowering of the parts thereof.

For a detailed description of two forms of my invention, reference may be had to the following specification and to the accompanying drawing forming a part thereof, in which:

Figure 1 is a perspective view of the device showing a part of the top thereof cut away to disclose the arrangement of parts when used as a seat; Fig. 2 is a side elevation showing the device arranged as a table; and Fig. 3 is a side elevation of a modified form.

Referring to Fig. 1, the numerals 1 and 2 indicate two leaves hinged together as at 3. The leaf 1 has two transverse strips 4 attached to its under side and which project a suitable distance beyond its inner edge, as indicated at 5, to form a support for the opposite leaf 2, when said leaves are arranged as a table, as in Figs. 2 and 3. The strips 4 are pivoted at 6 to uprights 7 extending from the rear legs 8 which are connected with the forward legs 9 in any suitable way but preferably by a frame which forms a box or other receptacle 10. Two members 11 and 12, hinged together at their inner ends to form a toggle joint, are pivoted respectively to the strips 4 and the frame or box 10 as at 13 and 14. These members 11 and 12 form a strut or support which holds the two leaves 1 and 2 rigidly in position when arranged either as a seat or table. When the parts are in the position of Fig. 1, the spring of the projecting ends 5 of the strips 4 toward the front by reason of the limit of movement of the leaf 1 caused by the uprights 7, produces a pressure between the pivots 13 and 14, thereby holding the members 11 and 12 in alinement and locking the leaf 1 forming the back in upright position.

When the seat is to be converted into a table the members 11 and 12 are first pushed downward by hand, leaving the strips 4 free

to move forward and to be raised to the position shown in Fig. 2 in dotted lines at 15. The members 11 and 12 either swing by momentum into alinement as shown in full lines or are moved into alinement by hand. The leaf 2 then rests on the projecting ends 5 of the strips 4 and the weight of the parts maintains the toggle like members 11 and 12 in alinement because of the pressure produced between the pivots 13 and 14.

In the modification of Fig. 3 where the pivoted bars 16 form the strut and support for the seat and top, their outer ends are provided with a stud or bracket 17 which engages recesses 18 and 19 in the strip 4 when the parts are in the respective positions as a seat or table.

It should be noted that the leaf 2 forms a convenient cover for the receptacle 10 which may be so proportioned as to be utilized as any useful household apparatus such as a fireless cooker or as an ice box.

The article as a whole may be made in various sizes and proportions to adapt the same to different uses. For example, the leaves may be shaped to form a square top when raised, thereby adapting the device for use as a card table.

I do not wish to be understood as being limited to the form and arrangement of parts set forth in the drawing for various changes may be made by those skilled in the art without departing from the spirit and scope of my invention, but

What I claim and desire to protect by Letters Patent is:

1. An article of furniture, comprising two leaves hinged together, means for maintaining the same in one plane, a frame having uprights on which one of said leaves is pivoted, supports between said frame and said means, and devices connecting said means and said frame with said leaves in two positions, to extend said leaves to form a table top, and to lock said leaves in angular relation as a back and seat.

2. An article of furniture, comprising two leaves hinged together, means for maintaining the same in one plane, a frame having uprights on which one of said leaves is pivoted, and collapsible supports pivoted to said frame and to said means to cause said leaves to form a table top, and adapted to lock said pivoted leaf upright in angular relation to said other leaf to form a back and seat.

3. An article of furniture, comprising two leaves hinged together, means for maintaining the same in one plane, a frame having uprights on which one of said leaves is pivoted and intermediately hinged bars pivoted to said frame and to said means and adapted when in alinement to support said leaves to form a table top and to lock said pivoted leaf upright in angular relation to the other leaf to form a back and seat.

4. An article of furniture, comprising two leaves hinged together, strips fixed to one of said leaves and adapted to maintain said leaves in one plane, a frame having uprights

on which the first named leaf is pivoted, and laterally hinged bars forming toggle joints and pivoted to said frame and said strips, and adapted when extended to support said leaves to form a table top and to lock said pivoted leaf upright in angular relation to the other leaf to form a back and seat.

Signed this 20th of October 1914.

EDWARD W. VAILL, JR.

Witnesses:

FRANCIS BOYLE,
GEORGE W. GEDNEY.