June 9, 1959 P. J. M. OSCOZ SANCHEZ 2,890,089

COMPACT EXTENSION TABLE

Filed June 13, 1958

FIG. 1

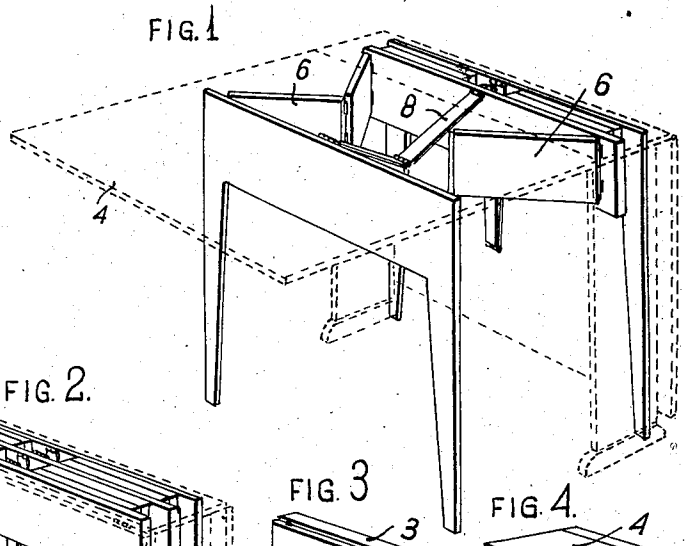


FIG. 2.

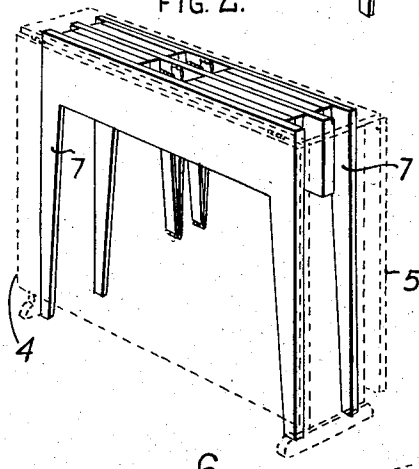


FIG. 3

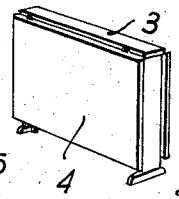


FIG. 4.

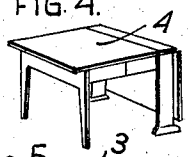


FIG. 5.

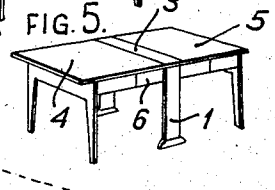
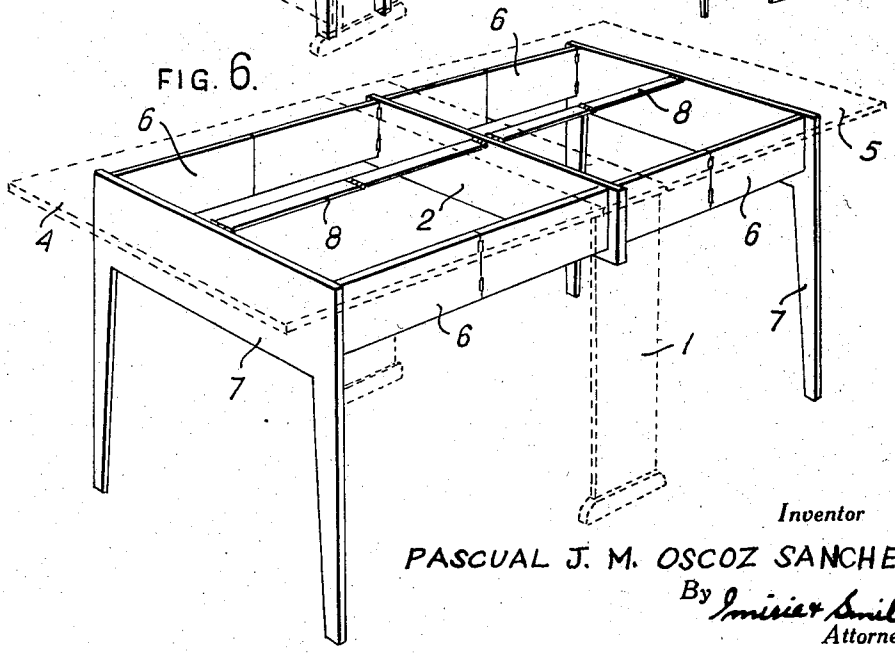


FIG. 6.



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COMPACT EXTENSION TABLE

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Application June 13, 1958, Serial No. 741,805
Claims priority, application Spain March 5, 1958
1 Claim. (Cl. 311—44)

My invention has for its object a novel foldable and extending table.

The modern conditions of life ascribable to an insufficient housing require resorting to pieces of furniture corresponding to such limitations. In other words, the furniture should be designed and produced so as to occupy as little room as possible. For this reason, the builders have a tendency to execute furniture and auxiliaries which, while satisfying the requirements for which they are intended, may be easily collapsed within a small bulk at predetermined moments or predetermined purposes.

My invention has for its object a table of this type i.e. a piece of furniture which may be permanently folded when it is not required for use and which may be set easily and speedily into its operative extended condition.

My improved table includes a central frame and two lateral elements. The central frame is constituted by two parallel vertical boards which include the central feet of the piece of furniture and the upper ends of which are interconnected by a transverse horizontal member forming the transverse axis of the table, said central frame being covered by a third board the breadth of which is equal to that of the vertical boards, said third board extending between the latter carrying on each side a further large sized panel which is connected to it by hinges, so that the upper surface of the table is formed by said third board associated with said panels when raised into horizontal registry with said third board.

Each of the two lateral elements arranged to either side of the central frame is constituted by two horizontal cross-members which are connected with said frame by means of hinges and are provided each in its medial section with a further hinge, each of said cross-members being thus subdivided into two sections, while its outer opposite end is connected, also through the agency of hinges, with a further extreme frame provided on the corresponding side of the central frame, the structure of which is simpler and which incorporates a set of feet carrying the table.

The central frame is similarly connected with each extreme frame through the agency of a central guiding tie which is provided with three sets of hinges for cooperation in the folding of the table, said ties preventing any transverse shifting of the lateral elements during the erection of the table.

In the accompanying drawings:

Figs. 1, 2 and 6, show the table in its partly open position, in its completely folded and its completely open position, respectively, the table being shown however withouts its central frame and the boards forming the surface of the latter and which are drawn only in dotted lines.

Figs. 3, 4 and 5 show in perspective view the complete table with all its elements respectively in its folded, half-folded and extended positions.

In the drawings, the central frame is shown as constituted by vertical boards 1 forming the table feet and associated with a horizontal transverse member 2 connecting said boards and defining a transverse axis for the table, while the panel 3 covering said frame (Figs. 3 and 5) forms with the lateral panels 4 and 5 the upper surface of the table and the horizontally extending cross-members 6 form the lateral elements. The outer frames 7 hold the latter cross-members, while the guiding ties 8 are provided medially of the lateral elements for connecting said outer frames with the central frame.

From the preceding disclosure, associated with examination of the drawings, the operation of my improved table is readily apparent. The accordion folding of the lateral elements over the central frame is such that the table collapses completely and is concealed by its depending upper panels and it is sufficient to draw out said lateral elements so that the table may be extended into its operative position and held therein, the covering panels rising as a consequence of such a movement and entering their normal operative upper position, this ensuring a perfect stability for the piece of furniture as a consequence of the presence of the guiding ties arranged so as to prevent any undesired collapsing of the lateral elements.

What I claim is:

A compact, eye-appealing, foldable extension table comprising a central frame including two parallel vertical boards terminating at their lower ends as feet and having vertical edges which are substantially parallel, a transverse member rigidly interconnecting said vertical parallel boards through their upper ends, and a third horizontal board the breadth of which is equal to that of the vertical boards and carried by the latter and the transverse member; two large panels hingedly secured to the corresponding transverse edges of said third board and each having a longitudinal dimension slightly less than the height of said vertical boards and a transverse dimension equal to the length of said third board; and means connected to said transverse member for selectively supporting said large panels in the horizontal plane of the third board to form with the latter the upper surface of the table and movable to a position closely adjacent said transverse member and lying wholly under said third board with said panels depending vertically and abutting against the parallel edges of said vertical boards, said means including two longitudinal members on each side of said transverse member and each being constructed in two secitons hingedly secured along a vertical plane, each longitudinal member being hingedly secured at its inner end to the transverse member, two end frames the lower ends of which form further feet for the table and hingedly secured to the outer ends of the corresponding longitudinal members to selectively allow said end frames to be collapsed into nesting relation within the central frame with said means being entirely disposed within the enclosure defined by the vertical boards, the third board and the depending large panels and to be set at a distance from said central frame to carry the corresponding panel in its raised horizontal position, and two central guiding ties each including two hingedly interconnected sections and the outer ends of which are hingedly secured along horizontal planes with the corresponding side of the transverse member of the central frame and with the corresponding end frame.

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