Dec. 6, 1927. 1,651,586

W. E. CROSGROVE

TABLE

Filed May 29, 1926 2 Sheets-Sheet 1

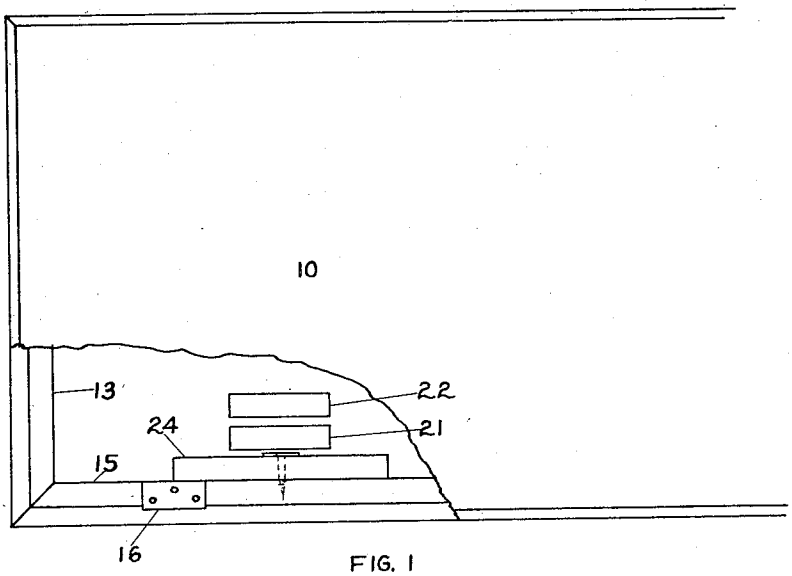


FIG. 1

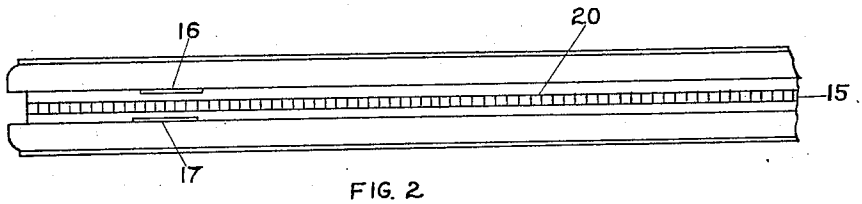


FIG. 2

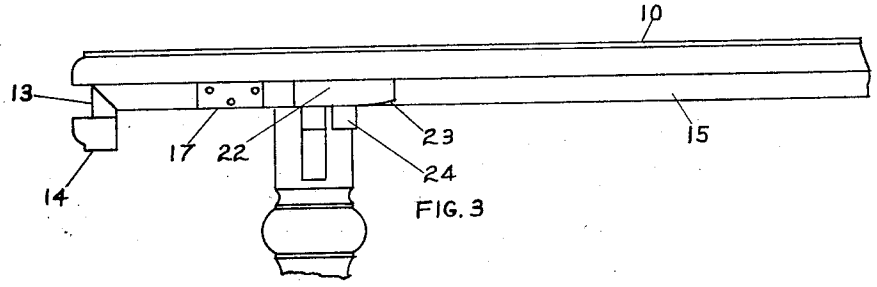


FIG. 3

Inventor
WILLIAM E. CROSGROVE

By Clarence Sloaker
Attorney

Dec. 6, 1927. 1,651,586

W. E. CROSGROVE

TABLE

Filed May 29, 1926 2 Sheets-Sheet 2

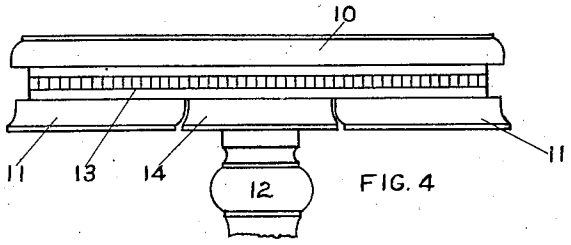


FIG. 4

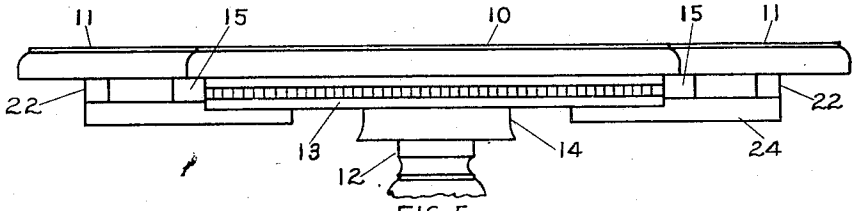


FIG. 5

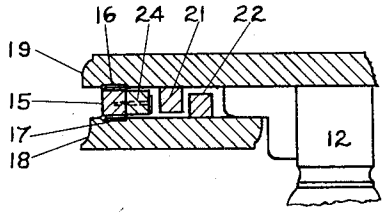


FIG 6

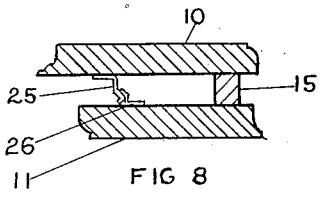


FIG 8

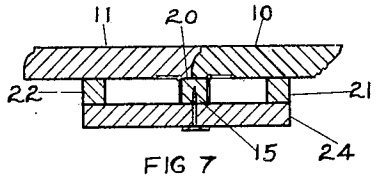


FIG 7

FIG. 9

Inventor

WILLIAM E. CROSGROVE

By Clarence B. Walker.

Attorney

Patented Dec. 6, 1927. 1,651,586

UNITED STATES PATENT OFFICE.

WILLIAM E. CROSGROVE, OF JAMESTOWN, NEW YORK.

TABLE.

Application filed May 29, 1926. Serial No. 112,529.

This invention relates to an improvement in a table, and more particularly in an extension table of the type in which folding side leaves are pivoted to the table top being opened or swung outwardly to an extending position when in use, and closed or swung inwardly under the table top when not in use.

While tables of this type are old and well-known they are objectionable in that the appearance of the sides of the table when the leaves are closed is not pleasing, due to the exposure of hinges and the inner edges of the leaves.

The primary object of this invention is to avoid this objection by providing a table which, when the leaves are closed, has the appearance of a non-extensible table having a heavy top.

One object of this invention is to provide a table of the extension type having leaves pivoted to the table top in which the exposed edges of the leaves, when closed, form a part of the table moulding.

Another object of this invention is to provide a table, the sides of which, when the leaves are folded under, give the appearance of a heavy top, the inner edges of the leaves being so formed that they have a pleasing appearance in contrast with the edge of the table top itself.

A further object of this invention is to provide a table having rims at each side which, when the leaves are opened, will cover the joinders between the leaves and the table top, and serve as supplementary supports for the leaves and which, when the leaves are closed, constitute rims between the top and the leaves.

A further object of this invention is to provide on such rims pivoted bars which, when the leaves are swung outwardly, will act as a support for the leaf, and when the leaves are swung inwardly are so concealed that they are not visible.

Other objects of this invention reside in the details of construction set forth hereinbelow, and in the drawings which form a part thereof, and in which

Fig. 1 is a plan view of a table embodying this invention, the leaves being closed and a portion of the top being broken away to expose certain details of construction;

Fig. 2 is a side elevation of the table with the leaf closed;

Fig. 3 is a similar view with the leaf open;

Fig. 4 is an end view of the table top with the leaves closed;

Fig. 5 is a similar view with the leaves open;

Fig. 6 is a cross sectional view of a portion of the table top with one leaf closed;

Fig. 7 is a similar view with the leaf open;

Fig. 8 is a sectional view illustrating the means for locking the leaf closed; and

Fig. 9 is a fragmentary view of a table top with one leaf extended, parts being broken away to show the supporting bar in position.

Referring to the drawings, the reference numeral 10 is employed to designate the center leaf or top of a table having side leaves 11 pivotally secured thereto. The top 10 is mounted upon standards 12 of any desired form providing a central pedestal which will not interfere with the closing of the side leaves 11. At each end of the table top 10 is fixedly secured a rim 13, to the center of which is secured an apron 14.

Along each side of the table is mounted a rim 15, which forms a continuation of the fixed rim 14. The rim 15 is in the embodiment illustrated pivotally supported from the table top 10 by means of hinges 16 and from it the side leaves 11 are pivotally supported by means of hinges 17. When the side leaves are closed, as shown for instance in Figure 4, each end of the leaves forms a continuation of one of the aprons 14.

The inner edges 18 of the side leaves 11 are in contour the converse of the side edges 19 of the top 10, so that when the leaves are open the abutting edges interengage.

The hinged connections of the rims 15 to the table top 10 and side leaves 11 cause them, when the leaves are opened as shown in Figs. 5 and 7, to swing through arcs of ninety degrees so that the outer faces 20 rest against the under side of the top 10 and also

against the under side of the leaves 11. The rims 15 thus extend across the joinder of the leaves and top and insure that the leaves will always lie in the same horizontal plane as the top.

Fixed to the under face of the top 10 near the sides are blocks 21 and fixed to the under faces of the leaves 11 are blocks 22. These blocks may be of the same dimensions and may be slightly sloped at one end (see the portion designated as 23 in Fig. 3). Pivotally mounted at the back of each rim 15 near said blocks 21, 22 are bars 24, which when the side leaves 11 are closed, lie between the leaves 11 and the top 10, being entirely concealed by the rims 15, (see Fig. 6). When, however, the leaves are opened as in Fig. 7 the tilting of the rims 15 bring the bars 24 below, so that they can be swung on their pivots to engage the blocks 21, 22, thus supporting the leaves 11 in the open position. The table may be provided with any desired number of bars 24 and blocks 21, 22.

The leaf 11 may be secured in the closed position in any suitable manner, such as for example the mechanism shown in Fig. 8, which comprises a bent spring catch 25, depending from the table top 10, with which engages a spring bracket 26 on the leaf 11. Thus, when the leaf 11 is closed, the bracket 26 will engage the leaf 25, and support the leaf in that position.

A comparison of Figs. 2 and 4 shows that when the leaves are closed both sides and ends of the table present the same appearance, to wit: a moulding below the table top comprising at each end a rim 13 and an apron 14 between the ends of the leaves and at each side a rim 15 and the inner edge 18 of the leaves.

While one embodiment of this invention has been shown and described, applicant is not limited thereto, since it is obvious that other embodiments can be made without departing from the spirit and scope of this invention as set forth in the following claims.

Having thus set forth my invention what I claim as new and for which I desire protection by Letters Patent is:

1. In an extension table, having a fixed top and folding side leaves, a molding below the table top when the leaves are closed, comprising a continuous rim and a continuous apron below and projecting outwardly from said rim, said apron including the extended inner edges of said leaves.

2. In an extension table, having a fixed top and folding side leaves, a molding below the table top when the leaves are closed, comprising a continuous rim and a continuous apron below and projecting outwardly from said rim, said apron being formed at the sides by the inner edges of said leaves and at the ends in part by the ends of said leaves.

3. In an extension table, having a fixed top and folding side leaves, a molding below the table top when the leaves are closed, comprising a continuous rim and a continuous apron below and projecting outwardly from said rim, said rim consisting of end sections and of side sections to which said leaves are hinged and said apron including the extended inner edges of said leaves.

4. In an extension table, having a fixed top and folding side leaves, a molding below the table top when the leaves are closed comprising a continuous rim and a continuous apron below and projecting outwardly from said rim, said rim consisting of sections rigidly fixed below the ends of the table top and of sections hinged below the sides of the table top and said apron including the extended inner edges of said leaves.

5. In an extension table, having a fixed top and folding side leaves, a molding below the table top when the leaves are closed comprising a continuous rim and a continuous apron below and projecting outwardly from said rim, said rim consisting of sections rigidly fixed below the ends of the table top and of sections hinged below the sides of the table top, and said apron below the hinged rim sections consisting of the extended inner edges of said leaves.

6. In an extension table, having a fixed top and folding side leaves, a molding below the table top when the leaves are closed, comprising a continuous rim and a continuous apron below and projecting outwardly from said rim, said rim consisting of sections rigidly fixed below the ends of the table top and of sections hinged below the sides of the table top, and said apron below the hinged rim sections consisting of the inner edges of said leaves, and below each fixed rim section of a fixed central portion and the ends of said leaves at each side of each said portion.

7. An extension table comprising a table top, a continuous rim below said table top, said rim consisting of sections rigidly secured below the ends of the table top and sections hinged below the sides of the table top and folding leaves hinged to said hinged rim sections.

8. An extension table comprising a table top, rim sections hinged below the sides of said table top, and folding leaves hinged to said rim sections, said rim sections, when said leaves are opened, turning on their hinges to insure the location of the leaves in the horizontal plane of the table top.

9. An extension table comprising a table top, rim sections hinged below the sides of said table top, folding leaves hinged to said rim sections, said rim sections, when said leaves are opened, turning on their hinges,

and bars pivoted on the inner faces of said rim sections, by which said leaves are held in the open position.

10. An extension table comprising a table top, rim sections hinged below the sides of said table top, folding leaves hinged to said rim sections, said rim sections, when said leaves are opened, turning on their hinges, blocks on the under sides of said table top and said leaves and bars pivoted on the inner faces of said rim sections adapted when said leaves are open, to engage said blocks and hold the leaves in the open position.

11. In an extension table, having a fixed top and folding side leaves, a molding below the table top when the leaves are closed comprising a continuous rim and a continuous apron below said rim, the width of said leaves being the same as the length of said table top.

12. In an extension table, having a fixed top and folding side leaves, a molding below said table top when the leaves are closed comprising a continuous rim and a continuous apron below said rim, the edges of said table top and of said apron projecting beyond said rim.

In testimony whereof I have affixed my signature.

WILLIAM E. CROSGROVE.