Sept. 12, 1933. W. C. RASTETTER 1,926,817

FRAME CONSTRUCTION

Filed May 25, 1932

Fig. 1.

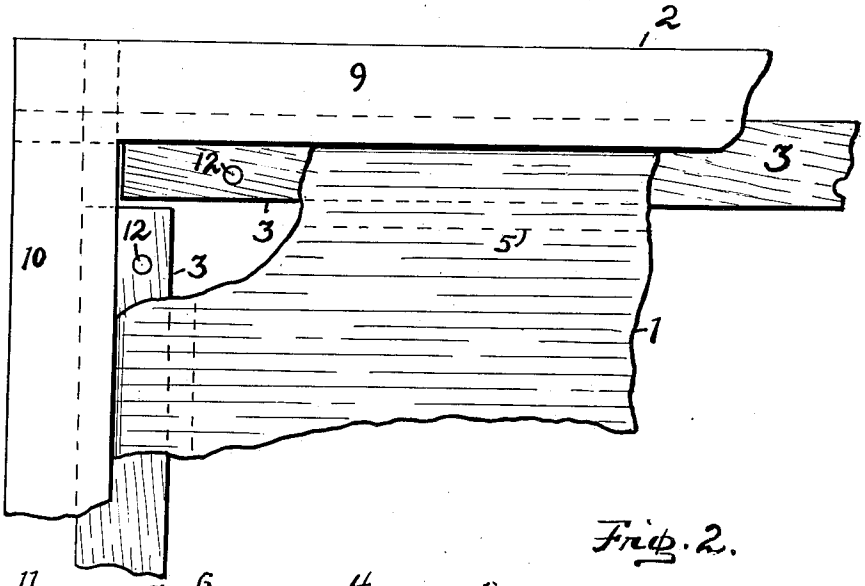


Fig. 2.

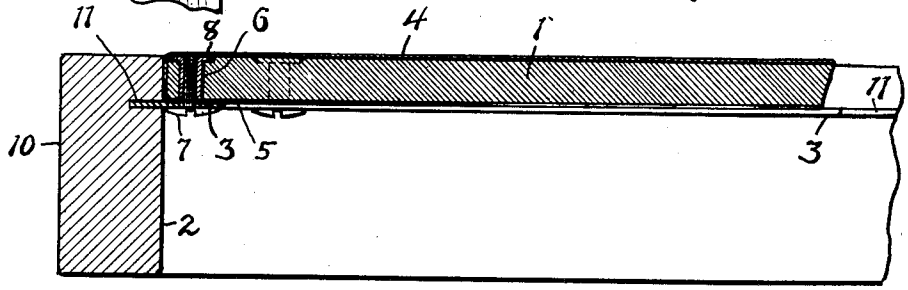
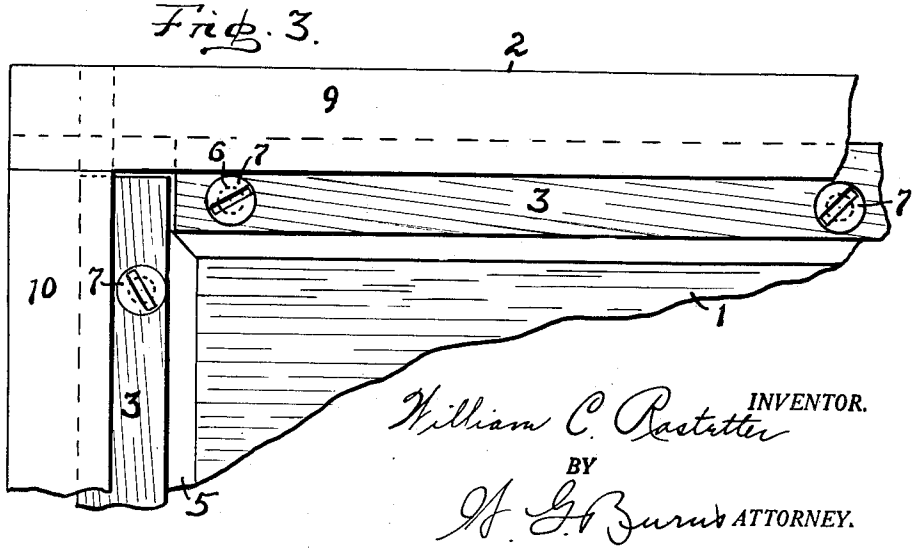


Fig. 3.



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FRAME CONSTRUCTION

William C. Rastetter, Fort Wayne, Ind.

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2 Claims. (Cl. 45—31)

This invention relates to improvements in frame construction applicable in the manufacture of furniture or parts thereof, such as table tops. One of the objects of the invention is to provide a simple means for removably securing a panel in its frame to form a table top in a manner whereby the panel will be supported in connection with the frame at all points along its border. And another object is to provide a substantial and economically constructed table top having a frame and removable panel. Other objects and advantages of the invention will appear hereinafter.

An illustrative embodiment of the invention is shown in the accompanying drawing, in which:—

Fig. 1 is a fragmentary top plan view of a table top in which the invention is embodied;

Fig. 2 is a vertical section projected from Fig. 1; and

Fig. 3 is a fragmentary bottom plan view of the construction.

The illustrative embodiment of the invention consists of a top for a card table, or similar furniture, provided with a panel 1 surrounded by a frame 2 within which the panel is removably secured by means of cleats 3, preferably of thin metal strips, so that the top of the panel is sustained in a plane substantially flush with that of the top of the frame.

The panel 1 is preferably formed of wood or other suitable material, and if desired is provided with a cover 4 extending over its top and around its border, the marginal edges 5 of the cover being secured to the bottom face of the panel by glue or any suitable means. In the panel adjacent its border are disposed a series of internally threaded bushings 6 adapted to receive through their lower ends corresponding screws 7, and the head 8 of each bushing lies flush with the top surface of the panel 1 and is concealed by the overlying cover 4.

The frame 2 has end and side members 9 and 10, the ends of which are joined respectively with the corresponding ends of the members adjacent thereto, each member having made in its inner face a longitudinal kerf 11 located in a plane spaced from and parallel with its top a distance substantially equal to the thickness of the panel 1.

Within the frame is positioned the panel with its cover exposed through the top of the frame, and the cleats 3 are inserted in the kerfs of the corresponding members 9 and 10 beneath the panel. Screws 7 are then inserted through screw holes 12 made in the cleats and are secured in the corresponding bushings 6, whereupon the panel is held in its proper position in the frame through the medium of the cleats. By connecting the panel in the frame in the foregoing manner, removal of the panel from the frame and replacement thereof is readily accomplished without marring the panel or frame and without disturbing the cover.

Other forms of fasteners may be employed instead of the bushing and screws for securing the panel and cleats together and also the panel and the frame may be polygonal or circular in form instead of rectangular. In each instance the cleat or cleats are arranged to extend into the kerf and project from the inner wall of the frame and underlie the border of the panel so as to be secured to and support the panel in a position within the frame substantially flush with the top thereof.

Also, as the marginal portions of the cover are disposed between the cleats and the bottom face of the panel, when the panel is inserted in the frame, and the screws have been applied, the frame, panel, cover and the cleats are secured rigidly in connection with each other.

I claim:

1. In furniture frame construction, a frame having end and side members, the ends of each member being joined with the corresponding ends of the members adjacent thereto, each member having in its inner wall a kerf longitudinally disposed and spaced from the top of said member, a panel provided with a series of threaded bushings located in its border, a cover extending over the top of the panel and around the border thereof concealing said bushings, cleats extending into said kerfs and projecting from the inner wall of the frame beneath the border of the panel to provide support therefor, and screws extending through the cleats into the corresponding bushings.

2. A top for a table consisting of a frame having a kerf in its inner face parallel with and spaced from the top thereof, a panel provided with a cover extending over the upper surface and around the border thereof, the marginal portions of said cover extending inwardly upon the bottom surface of said panel, threaded bushings disposed in the border of said panel and concealed by said cover, cleats disposed in said kerf projecting from the inner face of the frame and supporting said panel in the frame, and screws extending through said cleats into said bushings whereby the cleats, the panel and its cover are secured in place.

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