June 21, 1927. E. MORRIS 1,633,345

FURNITURE CONSTRUCTION

Filed Jan. 19, 1925

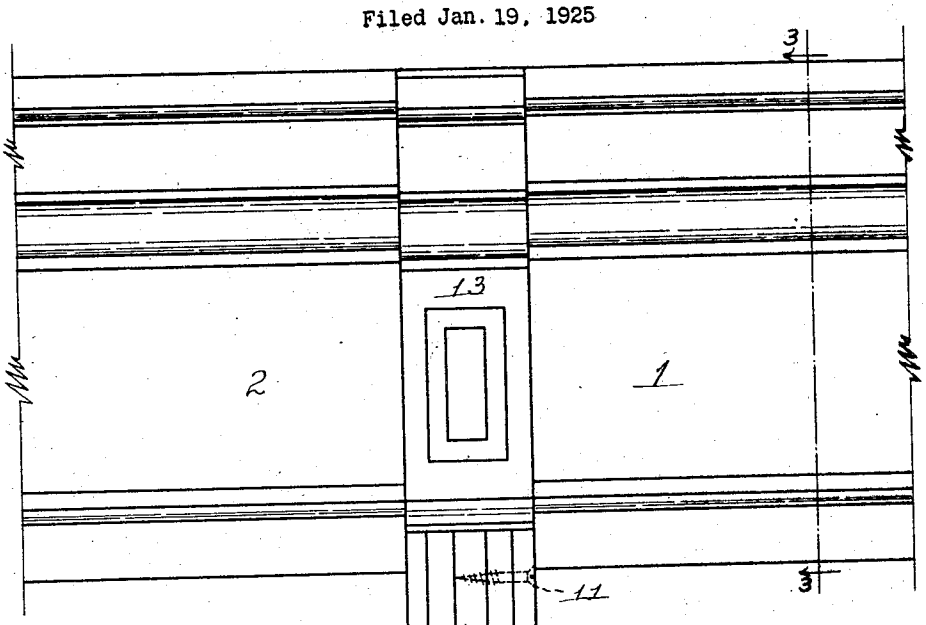


Fig. 1.

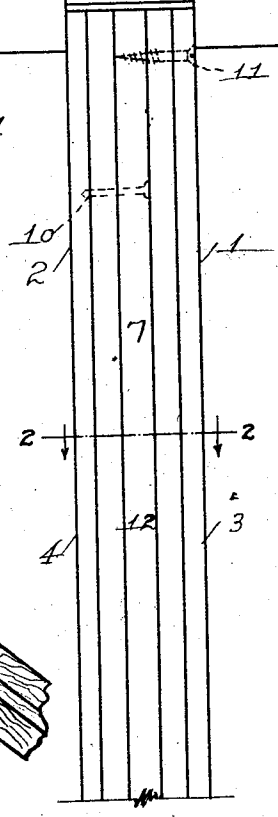


Fig. 2.

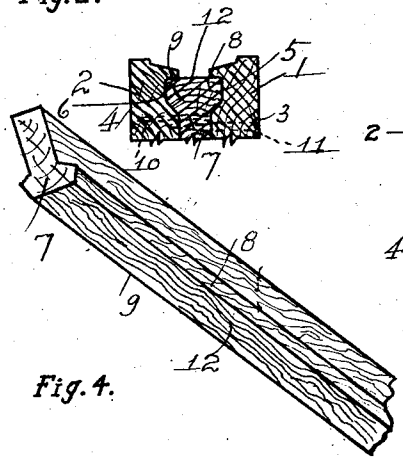


Fig. 4.

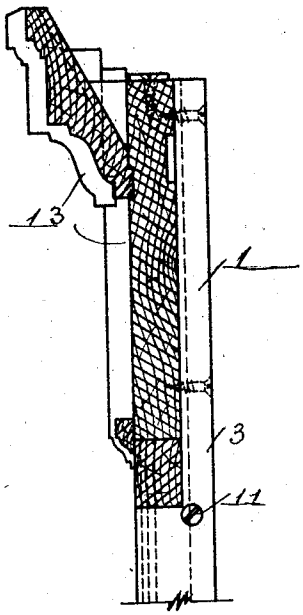


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

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FURNITURE CONSTRUCTION.

Application filed January 19, 1925. Serial No. 3,320.

The present invention relates to furniture construction; and its object is to provide a spacing and connecting member for vertical furniture units or members whereby such units may be detachably connected in proper alignment and, when thus connected, may present the appearance of a unitary structure rather than the appearance of separate members or units joined together.

These and any other objects hereinafter appearing are attained by, and the invention finds preferable embodiment in, the structure hereinafter particularly described in the body of this specification and illustrated by the accompanying drawings, in which:—

Figure 1 is a front elevation of a portion of a furniture structure comprising adjacent vertical furniture units or members secured together by an intermediate spacing and connecting member;

Figure 2 is a horizontal sectional view thereof taken on line 2—2 of Figure 1;

Figure 3 is a vertical sectional view of the same taken on line 3—3 of Figure 1; and

Figure 4 is a view in perspective of the spacing and connecting member.

In the drawings, mutually adjacent portions of a pair of vertical furniture units or members 1, 2—such as cabinets, bookcases or the like—are shown. These furniture units or members have the vertically-extending sides or walls 3, 4 respectively, provided with vertically-extending locking portions 5, 6 in the form of grooves, as particularly shown in Figure 2. The intermediate spacing and connecting member 7 for said furniture units or members 1, 2, has at its opposite sides vertically-extending locking portions 8, 9, in the form of tongues as shown in Figures 2 and 4 and adapted to interlock, in the assembled position of all the members (illustrated in Figure 2) with the grooves 5, 6 of the furniture units 1, 2 respectively, and thus hold all the members of the combined structure in alignment and against interrelative forward and rearward movement, when said spacing and connecting member, which may be secured as by nails 10 to the furniture unit at one side thereof, has been detachably secured as by screws 11 to the furniture unit at its opposite side.

This spacing and connecting member 7 has a front or face surface 12 at its outer edge, visible between the furniture units on its opposite sides, and thus provides a spacing element resembling a column or post intermediate said units, thus contributing to the unitary appearance of the combined structure and differentiating the same in appearance from one composed of originally separate members connected together as the need for so doing may arise. The spacing and connecting member is desirably formed, throughout its length, in the same cross-sectional shape and dimensions as seen in Figure 4, the grooves 5, 6 of the furniture units corresponding cross-sectionally with the tongues 8, 9, so that, the tongues being uniform and the grooves also being uniform cross-sectionally, the spacing and connecting member may be applied either end up and either side toward either of the furniture units 1, 2. The spacing and connecting member being applied to furniture unit 2, the tongue 9 seated in the groove 6, the nails 10 are driven to secure these parts together; whereupon the furniture unit 1 may be assembled thereto, the tongue 8 seated in the groove 5, and the screws 11 applied to detachably secure the unit 1 and the spacing and connecting member together, whereupon all the members 1, 2 and 7 are securely held in perfect alignment.

A finishing strip 13 may be applied to the said assembled and connected members to cover the joints at their upper ends.

I claim:

1. In combination with a spacing and connecting member for the furniture members hereinafter mentioned, furniture members on the opposite sides of said spacing and connecting member each of said furniture members being provided with a longitudinally-extending groove parallel with and adjacent its front edge, the spacing and connecting member being provided adjacent and parallel with its front edge with longitudinally-extending tongues on its opposite sides engaging in said grooves respectively to hold all of said members against forward and rearward interrelative movement, the spacing and connecting member at its front edge being spaced inwardly from the front edges of the furniture members and spacing them apart at their front edges; means for securing all said members together.

2. In combination with a spacing and connecting member for the furniture members hereinafter mentioned, furniture members on the opposite sides of said spacing and connecting member each of said furniture members being provided with a longitudinally-extending groove parallel with and adjacent its front edge, the spacing and connecting member being provided adjacent and parallel with its front edge with longitudinally-extending tongues on its opposite sides engaging in said grooves respectively to hold all of said members against forward and rearward interrelative movement, the spacing and connecting member at its front edge being spaced inwardly from the front edges of the furniture members and spacing them apart at their front edges; means for securing the spacing and connecting member to the furniture member at one side thereof and independent means for detachably securing the spacing and connecting member to the other furniture member at the opposite side thereof.

In testimony whereof I have hereunto set my hand at Grand Rapids, Michigan, this 6th day of January, 1925.

EDMUND MORRIS.