Aug. 15. 1933. C. G. VOIGT 1,922,994

TRIMMING JOINT

Original Filed April 22, 1931

Fig. 1.

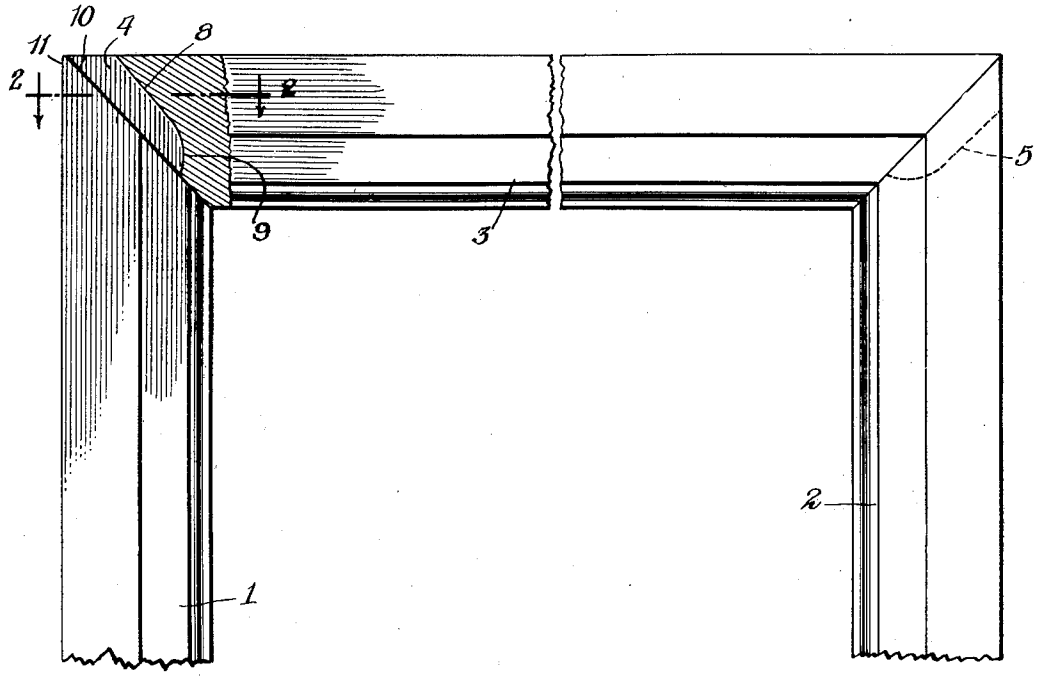


Fig. 2.

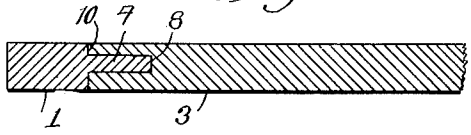
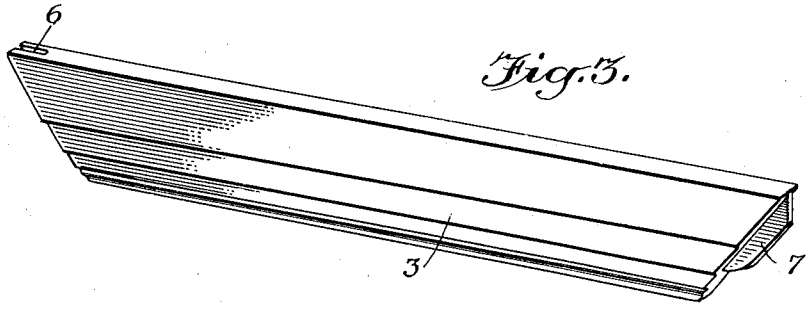


Fig. 3.



WITNESSES

Geo. W. Naylor

A. L. Ritchie

INVENTOR

Charles G. Voigt

BY Munn & Co.

ATTORNEYS

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UNITED STATES PATENT OFFICE

1,922,994

TRIMMING JOINT

Charles G. Voigt, Hicksville, N. Y.

Continuation of application Serial No. 532,064, April 22, 1931. This application November 25, 1932. Serial No. 644,411

2 Claims. (Cl. 20—92)

This invention relates to a trimming joint and nas for an object to provide an improved construction wherein the trimming of doors, windows, and the like may be properly and accurately aligned with ease.

Another object of the invention is to provide a joint for door and window trims wherein the trims are reinforced at the corners and guide into an accurate position for receiving the nails or other securing means.

A further object, more specifically, is a joint for door trims and the like wherein tongues are formed integral with part of the trim and sockets in the other part, the tongues and sockets being so formed as to brace and guide the uprights and transverse members to correct position for receiving the nails and other securing means.

This is a continuing application of my former application Serial No. 532,064, filed April 22, 1931.

In the accompanying drawing—

Figure 1 is a front view of the upper part of a door or window disclosing an embodiment of the invention, certain parts being broken away for better illustrating the structure.

Figure 2 is a detailed fragmentary sectional view through Figure 1 on the line 2—2.

Figure 3 is a perspective view of the top piece shown in Figure 1, the same illustrating the invention by the embodiment of a tongue at one end and a socket at the other.

Referring to the accompanying drawing by numerals, 1 and 2 indicate the uprights of a trim of a door or window frame, though the invention could be applied for other purposes, and when a door trim is mentioned it is understood that a window or other structure is also meant.

As illustrated in Figure 1, the transverse or top piece 3 accurately fits the upper ends of the uprights 1 and 2. In placing the trim in position great care heretofore was necessary to accurately position the ends of the top piece 3 in respect to the upper ends of the uprights 1 and 2. Also care was necessary in order that the parts be held in proper place while being nailed or otherwise secured. In the present invention, the general arrangement and position of the trim is conventional, but from Figure 1 it will be noted that the upright 1 is provided with an integral tongue 4 while the upright 2 is provided with a socket 5. The top piece 3 is provided with a socket 6 and a tongue 7, as is clearly shown in Figure 3. It will be readily observed from Figure 1 that the tongue and socket accurately fit when the parts are assembled.

From the left of Figure 1 it will be noted that both the tongue and socket are slightly inclined along the line 8 and give a rather abrupt turn 9 in forming an end. This permits the parts when assembled to be readily and accurately guided, and by reason of the comparatively abrupt end to accurately stop the telescoping of the parts when the points 10 and 11 are in proper registry. In this way the parts are guided and in a certain sense locked by the tongue 7 as it snugly and accurately fits in the sockets 6. The parts 1, 2 and 3 may then be nailed or otherwise secured together, or, if desired, may be merely secured to the wall or support in back of the trim.

I claim:—

1. In a joint for door trim and the like, the combination with the upper end of a pair of upright members and a top member connecting the upright members, each of the upright members having a diagonally positioned upper edge and the top member having a mating edge at each end, one of said upright members having an integral tongue extending from said diagonal edge, the other having a socket, said top member having at one end a socket for the accommodation of said tongue and the opposite end a projecting tongue fitting into the socket of the upright member, said tongues and sockets being formed to properly align the top member with the upright members when the respective tongues are snugly fitted within their respective sockets, said tongues and sockets extending across only part of the edges of said members whereby there is presented interlocking and aligning members and abutting shoulders adjacent thereto.

2. In a joint for door trim and the like, the combination at the upper end of a pair of upright members and a top member connecting the upright members, each of said upright members having a diagonally positioned upper edge, and the top member having a mating edge at each end, the ends of said top member and the respective upper ends of said upright members having an interlocking structure, each of said interlocking structures consisting of a tongue on one member and a socket in the other member, said tongues and sockets being formed to properly align the top member with the upright members when the respective tongues are snugly fitted within their respective sockets, said tongues and said sockets extending across only part of the edges of said members whereby there is presented interlocking and aligning members and abutting shoulders adjacent thereto.

CHARLES G. VOIGT.