Dec. 5, 1933. H. J. WILHOYTE 1,938,474

FLOATING CORNER BEAD

Filed Feb. 8, 1932

Fig. 1.

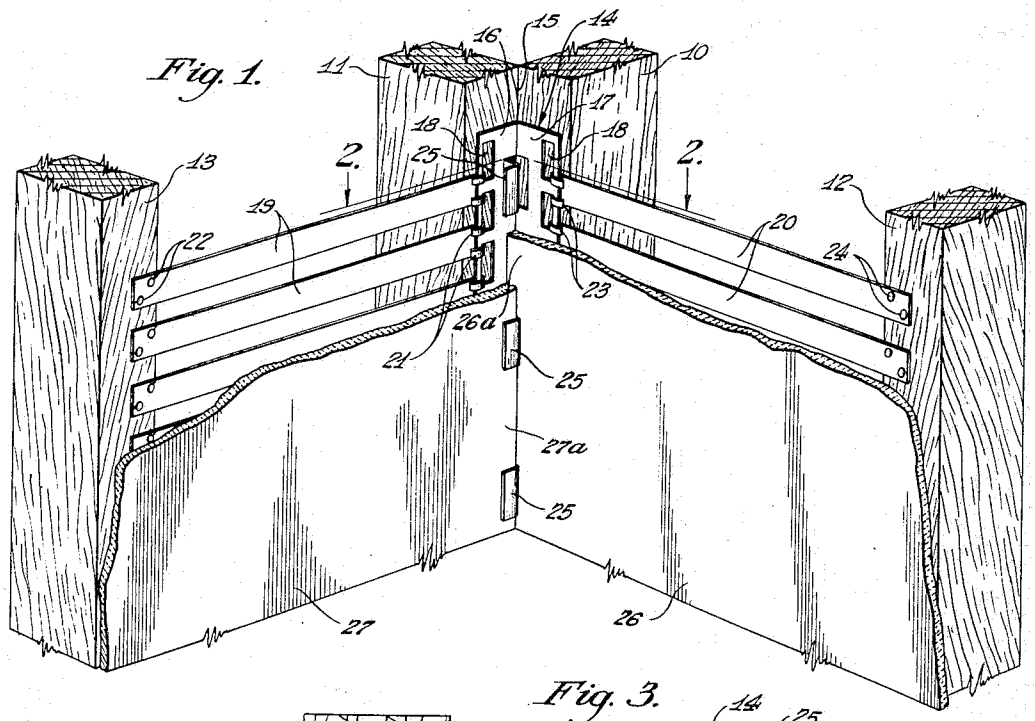


Fig. 3.

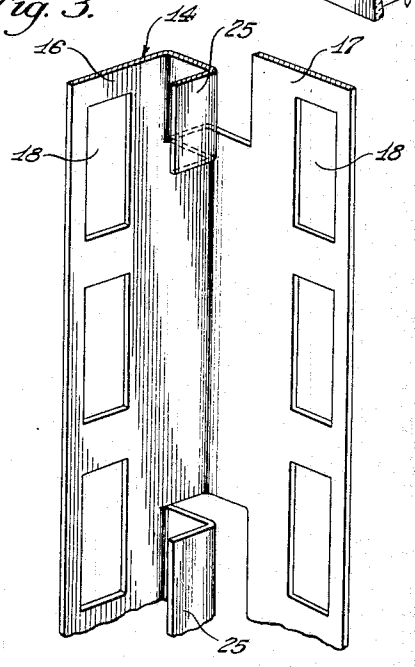


Fig. 2.

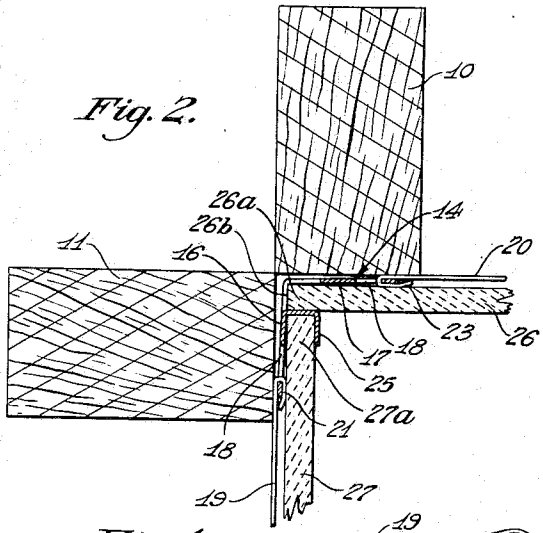
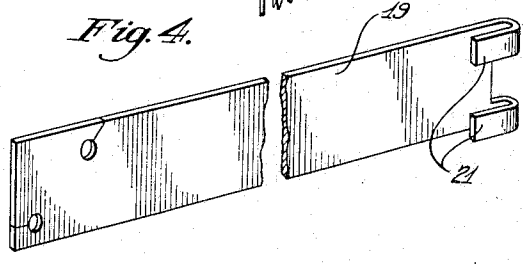


Fig. 4.



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FLOATING CORNER BEAD

Howard J. Wilhoyte, Gary, Ind.

Application February 8, 1932. Serial No. 591,714

2 Claims. (Cl. 72—121)

This invention relates to certain novel improvements in floating corner beads, and has for its principal object the provision of an improved construction of this character which will be highly efficient in use and economical to manufacture.

It is common knowledge that the cracking of plaster in the corners of rooms and buildings is commonly caused by the shrinking, settling or sagging of the corner studding and it is an object of this invention to provide new, improved, and inexpensive means to prevent the cracking of plaster in the corners of a room or building.

Another object of the invention is to provide new and improved means for preventing movement of the intersecting corner portions of plaster boards relative to each other should the corner studding adjacent said corner portions shrink, sag or settle.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing, showing the preferred form of construction and in which:

Fig. 1 is a perspective view illustrating the invention in use;

Fig. 2 is a fragmentary top plan view on line 2—2 in Fig. 1;

Fig. 3 is a perspective view of an element embodied in the invention; and

Fig. 4 is a perspective view of another element embodied in the invention.

In the drawing, which illustrates a preferred and practical embodiment of the invention 10 and 11 indicate the corner studdings of a room and 12 and 13 indicate other studdings in the side walls.

My invention includes a bead or strip indicated generally at 14, formed of any suitable material such, for example, as metal, and shaped so as to fit in the corner 15 provided by the studdings 10 and 11; the bead or strip 14 including arms 16 and 17 in each of which is provided a series of apertures 18.

The bead or strip 14 is supported in the corner 15 by supporting strips or laths 19 and 20. The laths 19 have portions 21 inserted through the apertures 18 in arm 16 of the strip or bead 14, these portions 21 being bent back upon the laths 19, the other ends of which are supported by and attached to the studding 11 by suitable fastening elements such as nails 22 or the like.

The laths 20 have portions 23, similar to the portions 21 and these portions 23 are inserted through the apertures 18 in arm 17 of bead or strip 14 and are bent back upon the laths 20, the other ends of which are secured to the studding 12 by suitable fastening elements such as nails 24 or the like.

Arranged flush against the arm 17 of the bead or strip 14 is one end portion 26*a* of the plaster board 26. Struck out from the bead or strip 14 is a series of clips 25 which receive the end portion 27*a* of the plaster board 27. As shown in Figs. 1 and 2 the end portion 26*a* of the plaster board 26 fits between the clips 25 and the arm 17 of the strip or bead 14; the end edge 26*b* of the board 26 abutting the arm 16 of strip or bead 14.

A common cause of the cracking of plaster is the shrinkage, settling and sagging of the corner studdings 10 and 11, and consequent settling and sagging of the plaster board such as 26 and 27 over which the plaster is laid. It is to be noted that the bead or strip 14 which I provide in my invention is not attached to the corner studding 10 and 11 but floats relatively thereto so that if these studding shrink, settle, or sag, the bead or strip 14 will be held immovable by the laths 19 and 20 and thus the end portions 26*a* and 27*a* of the plaster boards 26 and 27 will be held immovable relative to each other and to the bead or strip 14 whereby the plaster laid upon the boards 26 and 27 will be prevented from cracking in the corner should the studdings 10 and 11 shrink, sag or settle.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification, without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having thus described my invention what I claim as new and desire to protect by Letters Patent is:

1. In building construction, a strip of material including intersecting arms for abutment against the corner studdings of a building, supporting strips each having one end portion attached to one of said arms and each having its other end attached to a support, intersecting plaster boards, one of said boards having an end edge abutting one of said arms, and clips on said first-named strip for the reception of an end portion of the other of said boards.

2. In building construction, a strip of material including intersecting arms for abutment against the corner studdings of a building, supporting strips each having one end portion attached to one of said arms and each having its other end attached to a support, intersecting plaster boards, one of said boards having an end edge abutting one of said arms, and a clip on the first-named strip for the reception of an end portion of the other of said boards.

HOWARD J. WILHOYTE.