

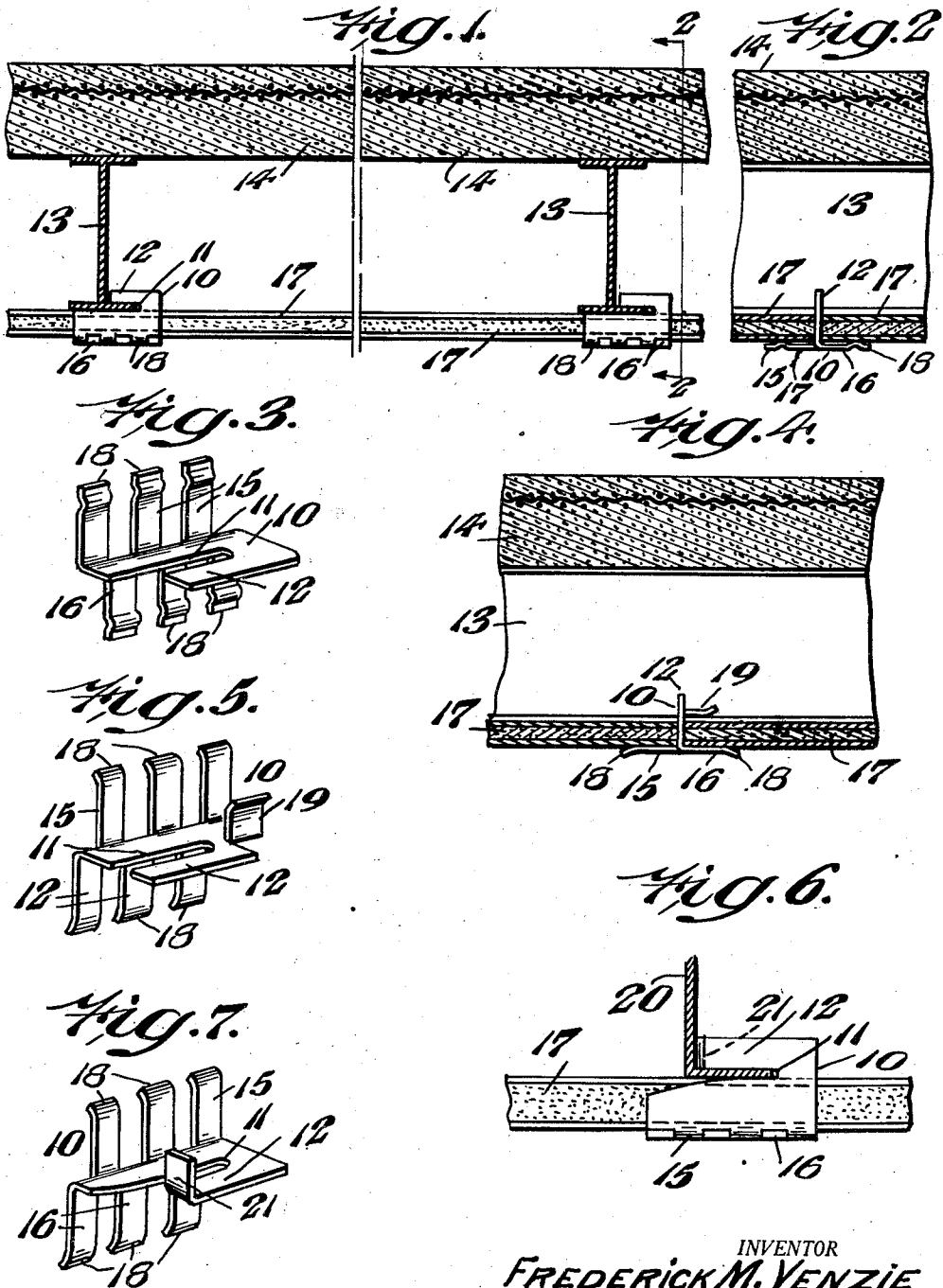
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PLASTER BOARD CLIP

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PLASTER BOARD CLIP

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This invention, generally stated, relates to a building construction and has more especial relation to a ceiling, wall, or partition structure in which clips are employed to retain in position so-called plaster boards.

The leading objects of the present invention may be said to reside in the provision of a plaster board clip stamped from a single piece of metal and arranged to engage an angle iron or flange of a floor beam of light gage.

Another object of the present invention is to provide a novel form of plaster board clip arranged for ready attachment to an angle iron or flange of a floor beam of light gage which clip is provided with a slotted portion for hooking over an angle iron or floor beam for retention thereon without the employment of fastening medium.

A further object of the present invention is to provide a clip of the character stated in which means is provided to prevent tilting of a plaster board.

A still further object of the present invention is to provide a clip of the character stated in which means is provided to engage the back of an angle iron or floor beam to prevent tilting of the clip.

Other and further objects of the present invention reside in the novel arrangement, construction, and connection of parts for attaining the results sought by the foregoing objects.

The invention consists of the novel construction hereinafter described and finally claimed.

The nature, characteristic features and scope of the invention will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof, and in which:

Fig. 1, is a fragmentary view, partly in elevation and partly in section, illustrating plaster boards as employed in a ceiling construction embodying the invention;

Fig. 2, is a view in cross section taken upon the line 2—2 of Fig. 1;

Fig. 3, is a view in perspective of a plaster board clip embodying the invention;

Fig. 4, is a cross sectional view similar

to that disclosed in Fig. 2 but illustrating a modified form of plaster board clip;

Fig. 5, is a view in perspective of the plaster board clip shown in Fig. 4;

Fig. 6, is a view partly in elevation and partly in section illustrating a modified form of a plaster board clip hooked to an angle iron; and

Fig. 7, is a view in perspective of the plaster board clip shown in Fig. 6.

For the purpose of illustrating my invention I have shown in the accompanying drawings forms thereof which are at present preferred by me, since the same have been found in practice to give satisfactory and reliable results, although it is to be understood that the various instrumentalities of which my invention consists can be variously arranged and organized and that my invention is not limited to the precise arrangement and organization of the instrumentalities as herein shown and described.

Referring now to the drawings in detail, and with more especial relation to Figs. 1 to 3 inclusive, the novel form of plaster board clip employed constitutes an integral structure stamped from a single sheet of metal and comprises an elongated body 10 having formed therein and parallel with the body an elongated slot 11 to provide a hook-like portion 12, which in practice is adapted to engage over the flange of an angle iron or the flange of a floor beam of light gage. As shown in Fig. 1, I have disclosed my novel plaster board clip as being suspended from a floor beam 13, and supporting a floor structure which may be cementitious slabs 14. Struck out from the body 10 at right angles thereto are a plurality of fingers designated 15 and 16, the said fingers being spaced apart with the fingers 15 extending in a direction opposite to the fingers 16. In practice with the clips suspended as shown in Figs. 1 and 2 the plaster boards 17 are caused to engage between the flange portion of the floor beams 13 and the fingers 15 and 16, as clearly shown in Figs. 1 and 2, to provide a ceiling. In practice the plaster boards 17 are usually provided with a paper covering and in order to prevent mutilation of the paper covering on

the plaster boards in assembling the same with respect to the clips, the terminals of the fingers 15 and 16 are slightly curved as at 18.

In a clip of the construction just described it may be possible that the plaster boards may tilt, and in order to obviate this tilting of the plaster boards I provide the relatively short lip or finger 19 which is struck out from the body 10, as is clearly shown in the modified form of construction in Figs. 4 and 5. This lip or finger is arranged at right angles with respect to the body 10 and is located at what may be termed the rear portion of the clip. This lip or finger 19 engages with that surface of a plaster board 17 opposite to the plaster board portion engaged by the finger 16, as clearly illustrated in Fig. 4, so that tilting of a plaster board 17 cannot occur. Otherwise the construction of parts is the same as that shown in Figs. 1, 2, and 3.

In either of the constructions of clips shown in Figs. 1 to 5 inclusive it may be possible for a clip to tilt with respect to its support, which may be an angle iron or the flange of a floor beam, and for illustrative purposes I have shown a modified form of clip in Fig. 6 as secured to an angle iron 20. The construction of clip as disclosed in Figs. 6 and 7 is the same as that disclosed in the foregoing figures with the exception that the body 10, or more properly speaking the hook portion 12 thereof, has bent out therefrom at right angles with respect to the body a relatively short lip or finger 21 which is at the forward end of the clip and in practice is adapted to abut against the wall of the angle iron or a floor beam to prevent tilting of the clip.

In the above description while I have described a ceiling construction obviously the clip may be efficiently employed in connection with attaching plaster boards with respect to an angle iron or light gage beam in wall or partition structures.

What I claim is:

1. A plaster board clip of the character stated comprising a one-piece metallic member having an elongated relatively broad, flat, plate-like body arranged to have plaster board ends abut against its opposite faces, said body being provided with an elongated, narrow slot extending in the direction of the length of said body to provide a hook-like prong disposed in the same plane with said body and arranged for frictional engagement over the flanged edge of an angular support for free detachment, a plurality of spaced fingers struck out from said body at right angles thereto and from opposite sides thereof for free support of plaster boards with the faces of the plaster boards resting against the faces of said fingers, and generally curved terminal portions for the respective fingers to prevent abrasion of the faces of the plaster boards.

2. A plaster board clip of the character stated comprising a one-piece metallic member having an elongated relatively broad, flat, plate-like body arranged to have plaster board ends abut against its opposite faces, said body being provided with an elongated, narrow slot extending in the direction of the length of said body to provide a hook-like prong disposed in the same plane with said body and arranged for frictional engagement over the flanged edge of an angular support for free detachment, a plurality of spaced fingers struck out from said body at right angles thereto and from opposite sides thereof for free support of plaster boards with the faces of the plaster boards resting against the faces of said fingers, and an auxiliary finger struck out from said body at that end thereof opposite the free end of said prong and bent outwardly in parallelism with said fingers to provide a U-shaped plaster board receiving portion, said auxiliary finger being adapted to prevent plaster board tilting in clip attachment.

3. A plaster board clip of the character stated comprising a one-piece metallic member having an elongated relatively broad, flat, plate-like body arranged to have plaster board ends abut against its opposite faces, said body being provided with an elongated, narrow slot extending in the direction of the length of said body to provide a hook-like prong disposed in the same plane with said body and arranged for frictional engagement over the flanged edge of an angular support for free detachment, a plurality of spaced fingers struck out from said body at right angles thereto and from opposite sides thereof for free support of plaster boards with the faces of the plaster boards resting against the faces of said fingers, and an auxiliary finger bent outwardly at right angles to said prong at the free end thereof for having the free end of said auxiliary finger abut against the face of an angular support to prevent tilting of said clip in clip attachment.

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