

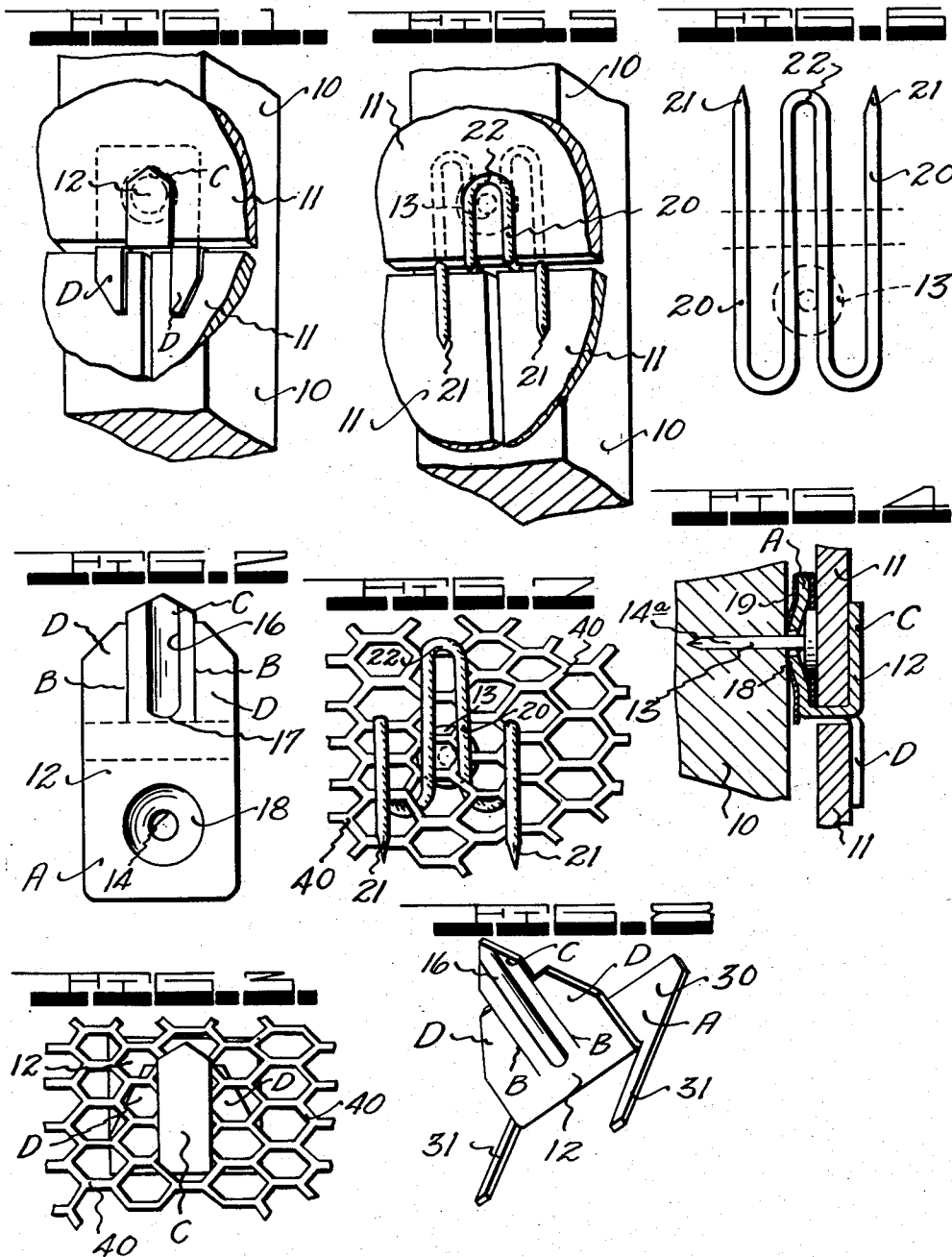
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PLASTER LATH CLIP

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3 Claims. (Cl. 72-118)

This invention relates to new and useful improvements in devices for supporting plaster coating such as those used in building construction and has particular reference to a lathing tie for securing furring material, and consequently the plaster, in place.

An important object of the invention is to provide a simplified means for tying a "floating" or crack proof wall that is extremely economical in manufacture.

Another object of the invention is to provide a tie which can be adapted to any of the various conventional furring elements known to the trade such as metal lathing and wall construction board.

Another object of the invention is to provide a device of this character which minimizes the transmission of sound through partitioning surfaces.

Still another object of the invention is to provide a tie for securing furring elements and plaster coating to a wall or ceiling in such a manner as to allow the surface to shift relative to its supports when caused to move by warping of said supports or contraction and expansion due to variations in temperature or by reason of settling caused by faulty foundations, thus reducing the possibility of the cracking of the plaster to a minimum.

A construction designed to carry out the invention will be hereinafter described, together with other features of the invention.

The invention will be more readily understood from a reading of the following specification and by reference to the accompanying drawing, in which an example of the invention is shown, and wherein:

Figure 1 is a perspective view of a furring element constructed in accordance with the present invention and used in connection with plaster board.

Figure 2 is an elevation of the furring element showing the construction thereof.

Figure 3 is a front elevation of the furring element shown in Figures 1 and 2 being adapted to metal lathing.

Figure 4 is a transverse, vertical, sectional view of the form shown in Figure 1.

Figure 5 is a perspective view of a modified form of the furring element.

Figure 6 is an elevation of the means shown in Figure 5.

Figure 7 is a view of a modified furring element used in connection with metal lathing, and

Figure 8 is an isometric view of still another form of furring elements.

In the drawing, the numeral 10 designates a wall stud having a plaster base such as "Gypsum board" 11 or the like. A furring element 12 is secured to the stud by means of a nail 13 (Fig. 4). By observing Figures 2 and 4 it may be seen that the element 12 is comprised of a body portion A having slots B in one end thereof. The slots serve to provide a central prong C and side prongs D. 10 The prongs are bent at right angles to the portion A as designated by the dotted line in Figure 2. A hole 14 is provided in the portion A whereby the nail 14a may enter therethrough to contact the stud 10.

The plaster board 11 is placed in the manner shown in Figure 1 whereby the prongs C and D are projected between the longitudinal spaces of the board. The prongs D are bent downwardly while the prong C is bent upward thus contacting three separate sections of the plaster board 11.

A longitudinal depression 16 is provided in the prong C of the element 12 to form a reinforcing rib for said element, said depression terminating at 17 to facilitate the right angular bending of the element 12 as has been hereinbefore described. The hole 14 is of a much greater inner diameter than that of the nail shank 13 whereby a certain amount of play is given the element when the same is fastened to a stud or joist by the nail 14a. Further, the hole is depressed in such a manner as to provide a projection 18 on the rear face thereof thus giving the hole element a universal "rocking" movement thereby minimizing the possibility of the plaster cracking. A suitable insulating material 19 such as tar paper, asbestos or the like, is provided over the portion A of the element 12 thus providing further elimination of sound through the partitions.

In Figures 5 to 7 a slightly modified form of the invention is shown. This form comprises a heavy gauge wire forming a W-shaped element 20. This member is bent at right angles along the dotted line of Figure 6 whereby the points 21 of the element replaces the points D in the above described form while the rounded central portion 22 of the element 20 replaces the central member C of the element 12. This member is used in exactly the same manner as the element 12 with the exception that the hole 14 and its accompanying provisions are eliminated. The nail 13 is shown in dotted lines in its permanent position in Figure 6. In Figure 7 the element 20 is shown used in connection with metal lathing having the points 21 turned downwardly while

the portion 22 is bent upwardly thereby firmly securing the metal lathing in place.

In Figure 8 still another form of furring element is disclosed. This element 30 is identical to that form first described including members C and D, longitudinal depression 16, etc., the difference being in the provision of leg members 31 extending from the body portion A. These leg members 31 serve to contact the rearward side of the board being contacted by the points D on the front side thereby firmly securing the plaster board thereto.

In Figure 3 of the first form described it will be noted that the members D are bent against the body portion A while only the member C extends through the metal lathing 40 and then is bent downwardly thereagainst to secure the same. It is also to be noted that the member C is pointed whereby in the event it is desired to position one of these elements at points other than joints of the boards, this point will serve to penetrate the board in cooperation with the sloping edges of the member D. Thus the workman may strike the board with his fist to accomplish the penetration through the board of the points and sloping elements C and D, respectively.

From the foregoing it may be seen that furring elements having a universal movement as well as an insulating effect may be had. Also said elements may be handled easily and adapted to use quickly. Further the elements hereinbefore described are simple in construction, economical in manufacture and highly efficient in use.

Manifestly, the construction as shown and described is capable of some modification and such modification as may be construed within the scope and meaning of the appended claims is also considered to be within the spirit and intent of the invention.

What is claimed is:

1. A furring element to be secured to supports comprising a body member, pointed clasping means integral with said body member for attachment with a base element, a protuberance on the rearward face of said body, a fastening means, an opening in said protuberance for passage of said fastening means, said fastening means uniting said support and said body member, a reinforcing rib formed on said integral clasping means, and sound insulating means arranged around said body.

2. A furring element to be secured to supports comprising a body member, pointed clasping means integral with and at right angles to said body for attachment with a base element, a protuberance on the rearward face of said body, a fastening means, a central opening in said protuberance of passage therethrough of said fastening means, said fastening means to unite said body member and said support, a longitudinal reinforcing rib formed in said integral clasping means, and sound insulating means around said body and between said support and said base element.

3. A clip for retaining a plaster receiving structure on its support for relative movement comprising a blank having parallel prongs defined by parallel cuts extending from only one end toward the middle, the opposite end of said blank affording a base having a nail receiving opening for securement of said base to said support and whereby at least one of said prongs, when separately bent relative to the others and to said base, will overlie said base and said plaster receiving structure in the same plane thereof to flexibly retain the latter in outward spaced relation to said support.

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