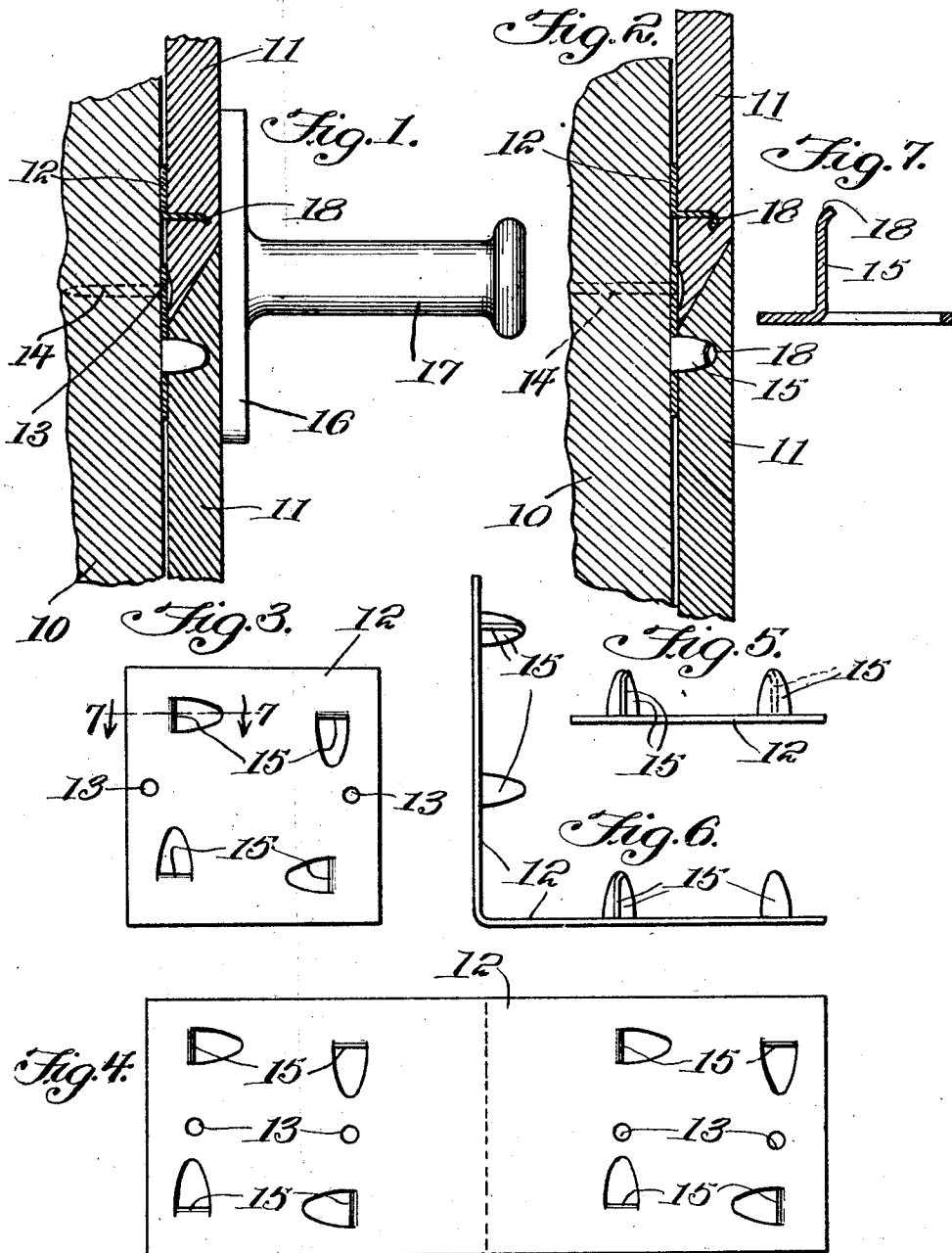


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H. O. SACKETT  
WALL BOARD FASTENER  
Filed Jan. 27, 1927



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## UNITED STATES PATENT OFFICE.

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## WALL-BOARD FASTENER.

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This invention relates to fastening devices primarily adapted for securing wall board etc., upon building structures.

Another object of the invention comprehends penetrating members engageable with the wall board upon the rear side to obviate the use of nails and other fastening devices usually applied upon the outer surfaces thereof.

A further object of the invention contemplates gripping means carried by the penetrating members to prevent displacement from its work.

More specifically stated the device proper is amenable to accommodate itself upon the different configurations and degrees of building construction.

With the above and other objects in view, the invention further consists of the following novel features and details of construction to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claim.

In the drawing:—

Figure 1 is a vertical sectional view taken through the invention as applied upon its work.

Figure 2 is a similar view with the extremities of the penetrating members curved upon themselves before applied.

Figure 3 is an elevation of the invention.

Figure 4 is a similar view of the invention made to accommodate wall boards intersecting at right angles.

Figure 5 is a side elevation of the invention as disclosed in Figure 3 of the drawing.

Figure 6 is a side elevation of the device as disclosed in Figure 4 and having its intermediate portion bent to dispose respective portions thereof at right angles to each other.

Figure 7 is a sectional view taken on line 7—7 of Figure 3.

Referring to the drawing in detail, wherein like characters of reference denote corresponding parts, the reference character 10 indicates a joist or studding or a building structure and 11 wall boards facing the inner sides thereof to insulate the enclosure defined thereby from heat and cold. Wall boards of the character described are usually faced upon the studding and joist and nailed thereon; the heads of the nails are exposed upon the outer surfaces thereof.

It is the purpose of the invention to obviate employment of fastening elements upon the outer surfaces of the wall board, which frequently tend to tear and demolish the surfaces of the boards, thereby overcoming the usual necessity of plastering or coating the same precedent to painting.

In carrying out the invention I provide plate members 12 having openings 13 through which the conventional form of fastening element 14 is received and driven or embedded within a joist or a portion of studding. Penetrating elements 15 of the configuration shown are struck from the body of the plate adjacent the corners thereof and each of which are disposed at right angles to each other. In the application of the invention the wall boards 11 are first disposed in position; the meeting edges thereof are beveled and adapted for overlapping relation to expose an even surface. The penetrating elements 15 are adapted to be extended within portions of the boards and upon the opposed sides of the beveled connection. Said plates are also used in fastening the remaining portions of said boards. A plate or block 16 is held across the meeting edges of the boards and provided with a shank such as indicated at 17 which when struck will assure penetration of the elements 15.

The ends or extremities of the penetrating elements 15 are slightly offset as indicated at 18 to prevent the wall boards from prying loose therefrom. In the application of the invention upon different forms of wall board of a resilient character which may tend to be sprung from the penetrating elements said offset portions 18 are further inwardly offset in order that the wall boards when driven inwardly and toward said penetrating elements will curve said offset portions upon themselves which will automatically embed said extremities and form a positive fastening device from which the wall board may not become easily displaced.

In Figures 4 and 6 of the drawing I have illustrated another manner of constructing the invention, that is doubled, by providing two of said plates 12 in one; the penetrating elements 15 therefor may be struck from either side thereof in the application of the invention upon a joist and for securing a wall board upon a ceiling and an adjacent side wall.

The invention will overcome the usual

necessity of punching nails which will weaken the wall board and a fastening in so far as the filler between the layers and faces of the board will not hold the head of the nail. Puttying of the punch marks is  
5 also obviated and in the instance of missing a nail the hammer mark or cat's-paw will of necessity be plastered up and present a defacement. The only cure for defacements  
10 of the character described is by coating the wall board precedent to painting in order that an even surface is exposed.

The invention is designed for application upon the various and different forms of building constructions in the application of  
15 suitable wall boards thereon.

The invention is susceptible of various changes in its form, proportions and details of construction, and the right is herein re-

served to make such changes as properly  
20 fall within the scope of the appended claim.

Having thus described the invention, what is claimed is:

A fastening device for wall boards upon building construction comprising a plate  
25 member, penetrating element struck and projecting from said plate, said elements being oppositely disposed at diagonally opposite corners and right-angularly disposed  
30 at opposite corners of the plate, and the ends of the elements being curved inwardly toward the center of the plate to centralize the gripped portion of the board and to bend  
35 upon themselves within the board to prevent displacement of the latter therefrom.

In testimony whereof I affix my signature.

HOWARD O. SACKETT.