May 5, 1931. J. F. MAKOWSKI 1,803,632

FASTENING CLIP

Filed Nov. 12, 1929

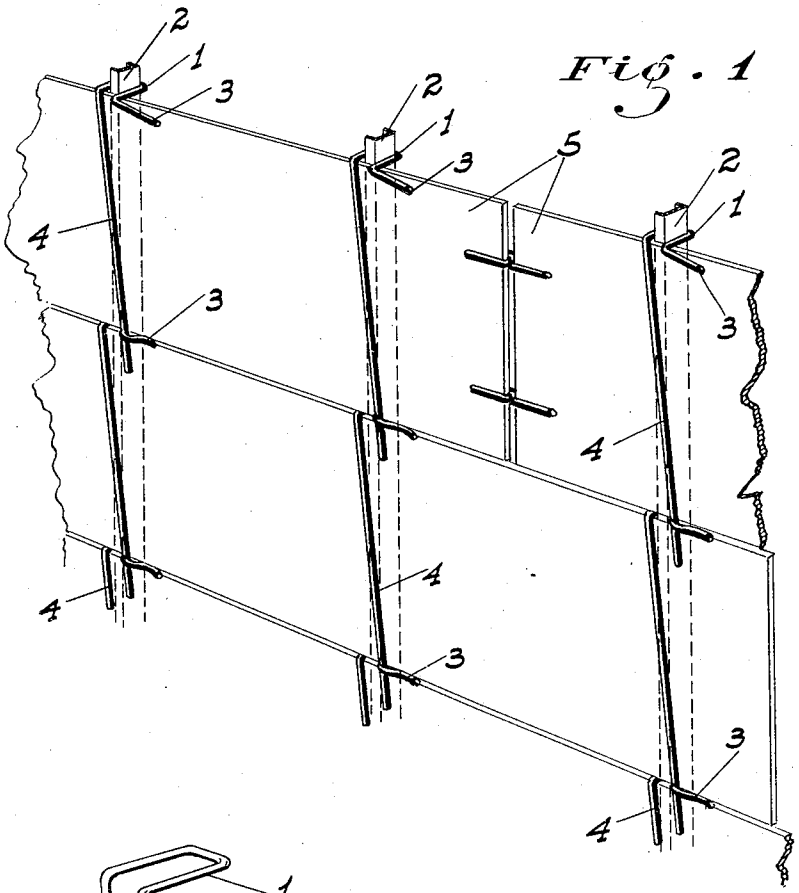


Fig. 1

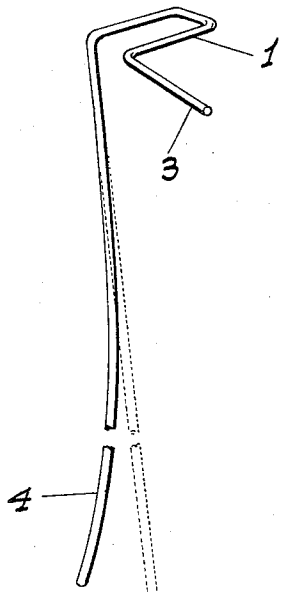


Fig. 2

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UNITED STATES PATENT OFFICE

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FASTENING CLIP

Application filed November 12, 1929. Serial No. 406,583.

This invention relates to the building art, and particularly to a means for mounting lathing material in position against the wall and ceiling studs in the building of walls. This specification deals with the application of the invention in connection with wall board, although in practice it may, with equal effectiveness, be applied to other specific forms of lathing material.

The wall board is usually manufactured in strips which are of considerable length and preferably about eighteen inches wide. The board is flat and usually imperforate so that while it is usually easy to find a means to clamp the board strips to the studs at their edges it is not so easy to press the flat intermediate surface tightly against the stud. This latter operation is, however, quite an important one if the wall is to be smooth and plumb and capable of withstanding the stresses of its own inherent weight, or the weight of plaster added thereto, without sagging or bulging. Efforts have been made to accomplish this objective by the use of intermediate fasteners, but the use of these requires perforation of the board and it is somewhat difficult to even then effectively apply the clips.

The present invention therefore comprises a fastening clip of such construction that not only can it be utilized to clip the edges of the board to the studs, but it will also have an element usable to extend across the face of the board adjacent the stud and under tension to press and firmly hold the board for its full width in place against the face of the stud.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawings similar characters of reference indicate corresponding parts in the several views:

Fig. 1 is a perspective view of a fragmentary portion of a wall composed of studs and wall board showing my improved clip in position to perform the functions stated.

Fig. 2 is a perspective view of the clip itself.

Referring now more particularly to the characters of reference on the drawings, my improved clip comprises a substantially U-shaped yoke 1 adapted to embrace the stud 2.

At the free extremity of one of the branches of the yoke 1 is a prong 3. This prong 3 extends at right angles to and in the same plane as the yoke 1 so that when the yoke is placed around the stud this prong will extend at right angles to the face of the stud.

The hasp 4 is normally curved outwardly and under spring tension so that it may be yieldably pressed toward the face of the stud or the wall board mounted thereon.

The length of the hasp 4 is such that when in position it will extend clear across the width of one wall board strip and partly over the adjacent board as shown in Fig. 1.

In using the clip the wall board strips 5 are placed in courses against the faces of the studs 2. The yokes 1 are placed around the studs as the courses are built and the spring hasps 4 pressed under tension across the faces of the board strips and snapped into the prongs 3 of adjacent clips. By means of this operation the boards 5 are firmly fastened to and pressed into close engagement with the studs 2 for their full width. Thus a wall comprising the structure described will be smooth and plumb without tendency to sag or bulge.

The prongs 3 may, if desired, also be put under tension by curving them inwardly, as shown in Fig. 1, so that as the hasps are snapped thereunder they will be pressed outwardly under tension. This may be done in their manufacture or after they are placed in the wall, and the hasps inserted in place, by striking them with a hammer or like tool.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

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

1. A clip for the purpose described comprising a yoke to embrace a stud, a hasp on one branch of the yoke and a prong on the other branch extending at substantially right angles to the longitudinal axis of the hasp.

2. A clip as in claim 1 in which the hasp curves outwardly from a straight line and which, when pressed toward its straight position, will be under tension.

3. A clip for the purpose of fastening lathing strips to studs comprising a yoke to embrace a stud, a prong on one branch of the yoke projecting at right angles thereto in the plane of the yoke, and a hasp projecting from the other branch of the yoke at right angles thereto and to the plane of the yoke, the hasp being greater in length than the width of the lath strip to be fastened to the stud, whereby the hasp can be projected across the face of the strip and engaged under the prong of an adjacent clip to press the strip against the face of the stud.

4. A clip as in claim 3 in which the hasp normally curves outward and will be pressed under tension against the face of the strip when engaged with the prong of the next adjacent clip.

In testimony whereof I affix my signature.

JOHN F. MAKOWSKI.