

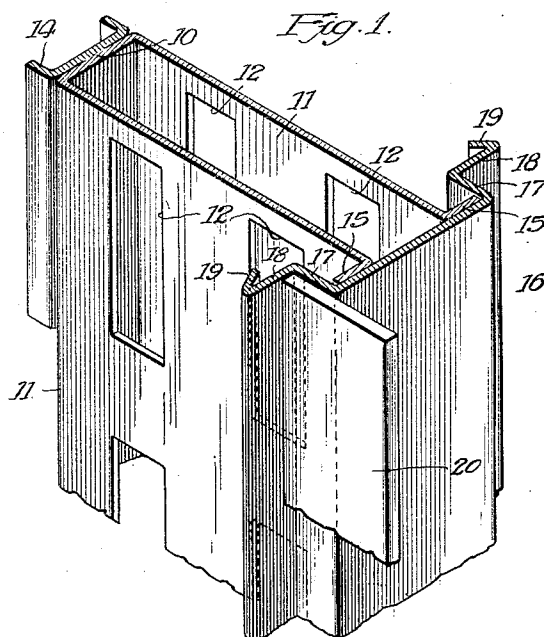
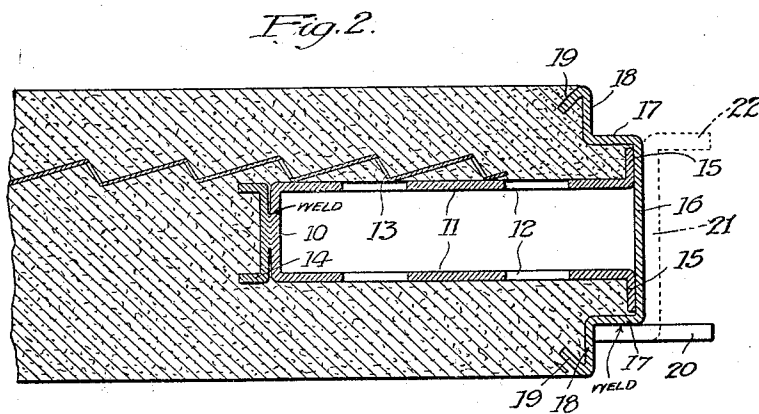
March 8, 1932.

I. A. BAUM

1,848,237

METAL BUCK AND JAMB FOR ALL PLASTER WALLS

Filed Dec. 2, 1929



Witness:
R. B. Davison.

Inventor
Isaac A. Baum
By Murray Thayer
Att'y

UNITED STATES PATENT OFFICE

ISAAC A. BAUM, OF CHICAGO, ILLINOIS

METAL BUCK AND JAMB FOR ALL PLASTER WALLS

Application filed December 2, 1929. Serial No. 411,137.

My invention relates to building construction and particularly to a novel frame construction for all plaster walls, that is, walls in which there is no wood or masonry base. The construction here disclosed provides for extreme rigidity with the minimum of metal and for simplicity in construction and erection.

A fundamental object is to provide a convenient jamb, plaster terminal and buck, the latter being a box section thereby insuring maximum resistance to bending for the weight of metal employed.

The invention will be more readily understood by reference to the accompanying drawings, in which

Fig. 1 is a perspective sectional view through a frame constructed in accordance with my invention; and

Fig. 2 is a transverse sectional view through a portion of a completed wall.

In the drawings, I have illustrated the frame as composed of a buck of deep channel form comprising a web 10 and flanges 11, the flanges having a plurality of openings 12 to admit plaster and insure a plaster key.

The openings also serve another purpose, that of providing for attachment of metal lath 13 by suitable clips or wires not shown.

At the rear of the buck and welded to the web 10 is a shallow channel member 14 adapted to act as an anchor for the plaster.

At the forward edge the margins of the flanges are laterally bent as at 15 to lie at right angles to the planes of the faces of the flanges 11. A jamb is welded to the bent margins 15. The jamb comprises a flat portion 16, a rearwardly bent portion 17 and plaster terminal portion 18 lying in a plane parallel to the flat portion 16 and having a rebent margin 19 that acts as a plaster key or anchor. Preferably both sides of the jamb members are identical; however, on one side I provide a continuous strip 20 acting as door stop, the strip being welded to the face of the portion 17, or, as shown in dotted lines in Fig. 2, I may construct the stop member of generally Z shape, the flat portion 21 lying against the face of the jamb while the portion 22 acts as the stop. The latter construction

provides sufficient thickness to allow for adequate cutouts to accommodate hinges.

The described parts are assembled and welded in the shop and may be shipped and installed without more than the ordinary skill of an erector. The box section provides for maximum strength and the simplicity of the arrangement commends itself to builders.

Obviously, the invention is capable of some modification, and I do not wish to be limited except as indicated in the appended claims.

I claim:

1. A combined buck and jamb for openings in all-plaster walls comprising, in combination a section of metal bent to form a deep and narrow channel, the margins of the flanges of which are bent to project laterally at an angle to the plane of the flanges, and a metal jamb, the body portion of which is welded to the outer faces of said bent margins, the margins of the metal jamb being bent to provide plaster terminals.

2. A combined buck and jamb for openings in all-plaster walls comprising, in combination a section of metal bent to form a deep and narrow channel, the margins of the flanges of which are bent to lie at an angle to the plane of the flanges, a metal jamb welded to said bent margins, a door stop welded to the jamb, and the margins of the metal jamb being bent to provide plaster terminals.

3. A frame member for all-plaster walls consisting of a deep channel, and a metal jamb welded to and closing the open side of the channel thereby providing a complete box section, the edges of the jamb being bent backwardly and outwardly to terminate in flanges that act as plaster terminals.

4. A frame member for all-plaster walls consisting of a deep channel, a metal jamb welded to and closing the open side of the channel thereby providing a complete box section, the edges of the jamb being bent backwardly and outwardly to terminate in flanges that act as plaster terminals, and a strip acting as a door stop welded to the jamb.

In testimony whereof I have affixed my signature.

ISAAC A. BAUM. 100