

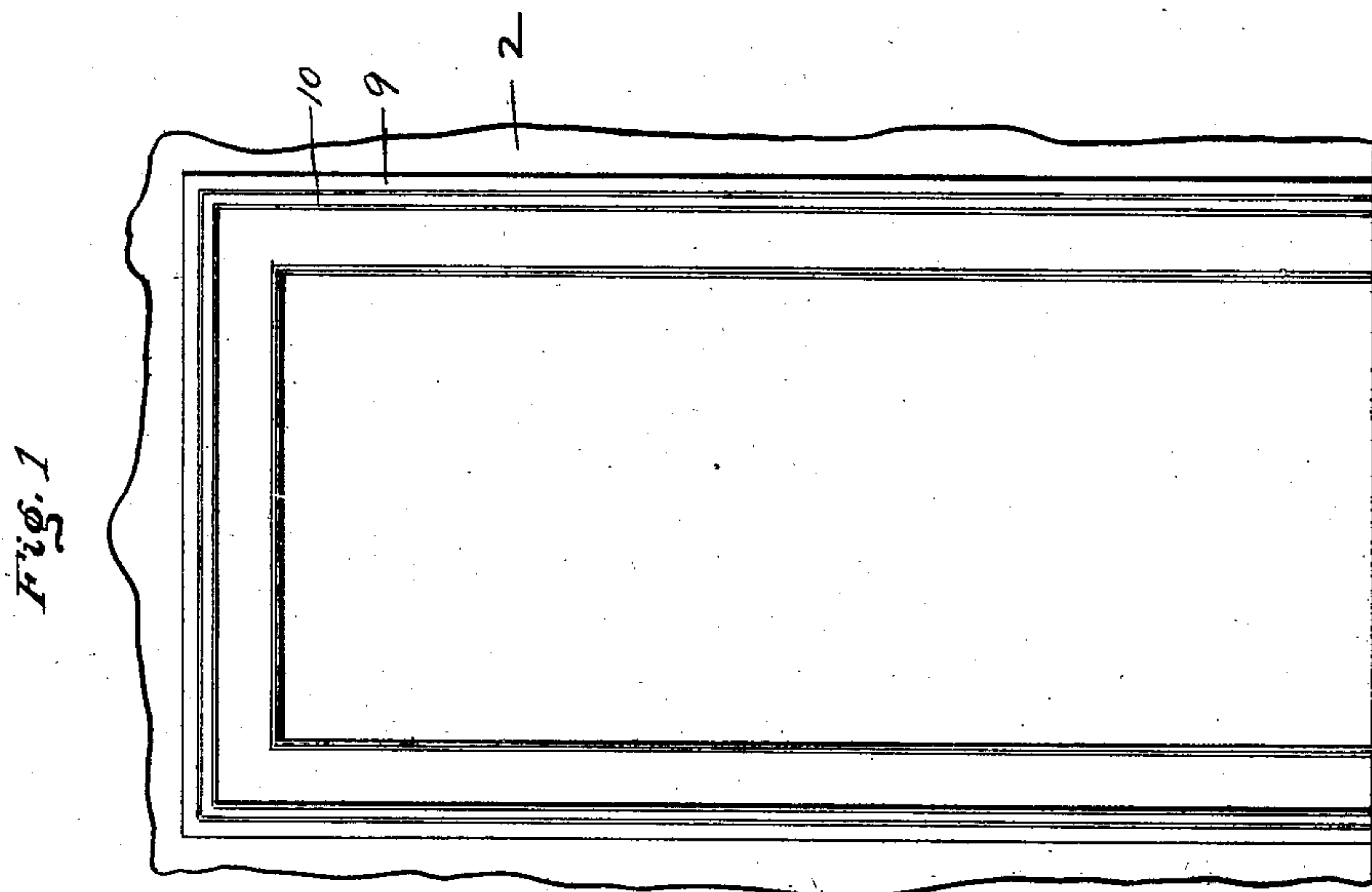
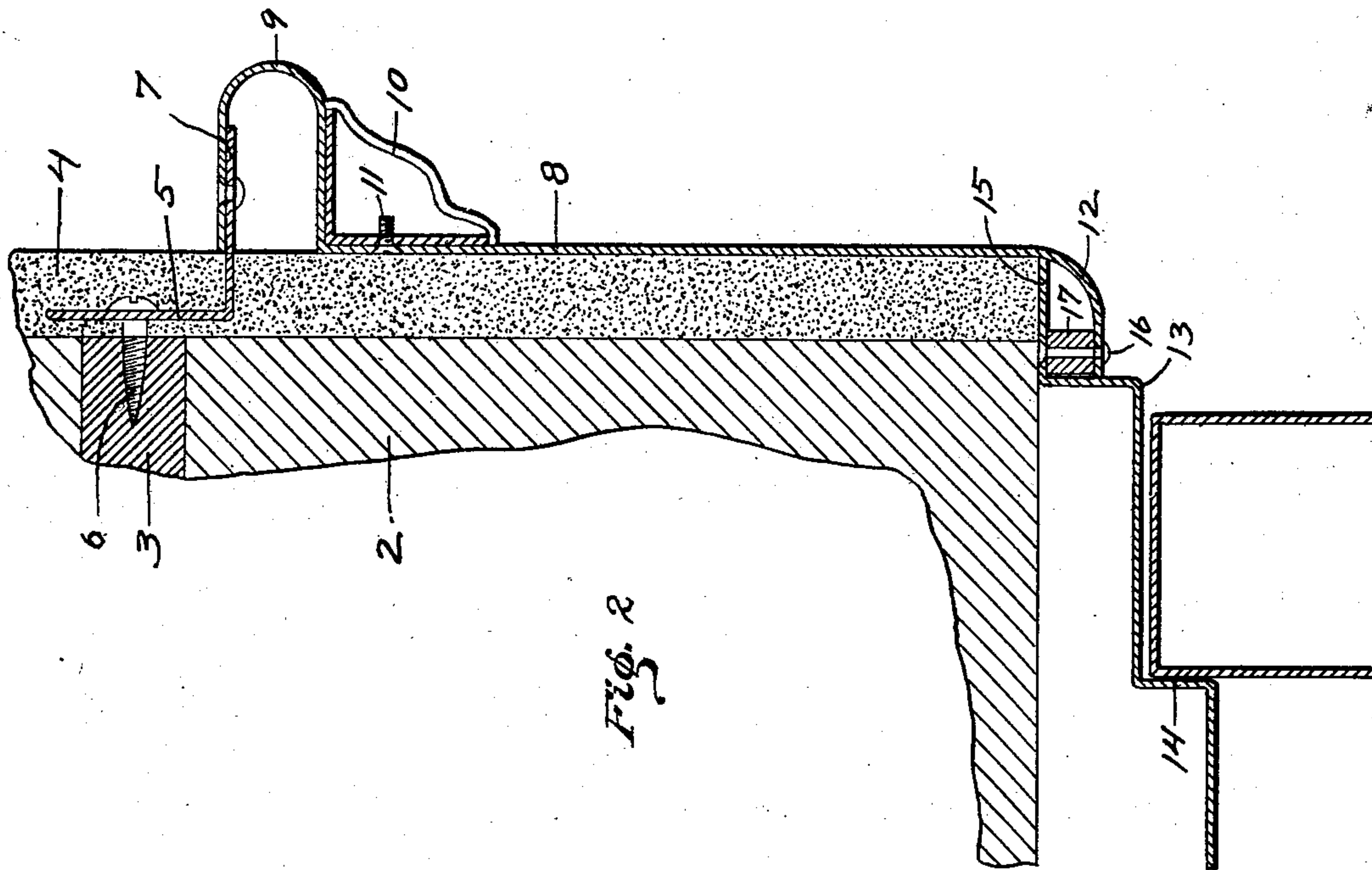
No. 754,492.

PATENTED MAR. 15, 1904.

E. OHNSTRAND.
DOOR OR LIKE FRAME.

APPLICATION FILED FEB. 20, 1903, RENEWED FEB. 8, 1904.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

ENOCH OHNSTRAND, OF JAMESTOWN, NEW YORK, ASSIGNOR TO ART METAL CONSTRUCTION COMPANY, OF JAMESTOWN, NEW YORK, A CORPORATION OF NEW YORK.

DOOR OR LIKE FRAME.

SPECIFICATION forming part of Letters Patent No. 754,492, dated March 15, 1904.

Application filed February 20, 1903. Renewed February 8, 1904. Serial No. 192,716. (No model.)

To all whom it may concern:

Be it known that I, ENOCH OHNSTRAND, a resident of Jamestown, in the county of Chautauqua and State of New York, have invented a new and useful Improvement in Door or Like Frames; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to metallic frames for doors, windows, or like stationary frames used in finishing the interiors of buildings, the object of my invention being to provide a metallic frame suitable to be used in connection with metallic doors or window-sashes so constructed and applied as to be securely held in place and as free from joints as possible in order that when the casing is finished in imitation of mahogany or any other hard wood a rich and elegant appearance is obtained, while at the same time a strong, durable, and fireproof structure is provided.

To these ends my invention comprises, generally stated, a door or like frame comprising a metallic casing, a portion of which is embedded in the plaster, cement, or other plastic material composing the wall, said casing having the molding secured thereto from the inside, so that no attaching means is visible, and a jamb secured to the casing, all as fully hereinafter set forth and claimed.

To enable others skilled in the art to make and use my invention, I will describe the same more fully, referring to the accompanying drawings, in which—

Figure 1 is a view of a door-frame constructed in accordance with my invention, and Fig. 2 is an enlarged cross-section of the frame and a portion of a door to be used in connection therewith.

Like numerals indicate like parts in each of the figures.

In the accompanying drawings the numeral 2 designates the brickwork of a partition-wall of a building, and within said wall is embedded the wooden or other stringer 3. On the outside of the wall 2 is the usual layer of plaster or other suitable plastic material 4.

Embedded within the plaster 4 is the angle-piece 5, said angle-piece being further secured in position by means of the screws 6, which enter the wooden stringer 3. Riveted or otherwise secured to the flange 7 of the angle-piece is the metallic casing 8, said casing being formed of cheap metal of the proper thickness and shaped or bent to whatever design may be desired. In this instance the casing is bent to form the beading 9, and inserted between said beading and the flat or main portion of the casing is the molding 10, said molding being secured to the casing 8 by means of the screws 11, said screws being countersunk within the casing 8 and entering the molding 10 from the rear, so that when said casing is in position no rivet holes or marks are apparent from the outside of the frame. The casing 8 is bent around, as at 12, to connect with the jamb 13, said jamb being bent to form the shoulder 14, against which the door presses when closed, and the flange 15, which bears up against the plaster and brickwork. The casing 8 overlaps the flange 15 by the bent portion 12, and the said portion 12 of the casing is secured to the flange 15 by means of the rivets 16. Surrounding the rivets 16 are the sleeves 17, which act to support the portion 12 of the casing and add to the rigidity of the same.

The metallic frame constructed in the manner described provides a strong, durable, fireproof framework in which the parts of the frame are so embedded in the plaster and connected together as to form a very rigid construction with few points of connection, the points of connection being located where hardly visible, so that when the framework is finished in imitation of mahogany or other hard-wood finish the appearance is rich and elegant. The framework may be readily put in position, and when once fixed in place there is no liability of the warping or separating of the joints, such as is liable to occur in wooden structures, while at the same time the fireproof framework is obtained.

What I claim is—

1. A frame for doors, windows and the like, composed of sheet metal, a portion thereof being embedded in the plastic material of the wall.
2. A frame for doors, windows and the like, consisting of a casing of sheet metal having a projecting portion thereof embedded in the plastic material of the wall.
3. A frame for doors, windows and the like, consisting of a sheet-metal casing, an angle-piece secured thereto, one flange of said angle-piece being embedded in the plastic material of the wall.
4. A frame for doors, windows and the like, consisting of a sheet-metal casing, an angle-piece secured thereto, one flange of said angle-piece being embedded in the plastic material of the wall, and means for fastening said flange to the main wall.
5. A frame for doors, windows and the like, consisting of a sheet-metal casing, an angle-piece secured thereto, one flange of said angle-piece being embedded in the plastic material of the wall, a stringer in said wall and means for securing said flange to said stringer.
6. A frame for doors, windows and the like, comprising a casing of sheet metal, molding secured thereto, and fastening devices con-

necting said molding from the rear side of said casing.

7. A frame for doors, windows and the like, comprising a sheet-metal casing, a molding, screws passing through said casing from its rear face and engaging said molding.

8. A frame for doors, windows and the like, comprising a sheet-metal casing having a beading formed thereon, a molding secured within the angle formed by said beading and the main body of the casing.

9. A frame for doors, windows and the like, comprising a metallic casing adapted to be secured to the wall, and a jamb formed of sheet metal the casing overlapping said jamb and secured thereto.

10. A frame for doors, windows and the like, comprising a metallic casing adapted to be secured to the wall, and a jamb formed of sheet metal the casing overlapping said jamb and secured thereto, rivets connecting said casing and jamb, and sleeves surrounding said rivets and separating said casing and jamb.

In testimony whereof I, the said ENOCH OHNSTRAND, have hereunto set my hand.

ENOCH OHNSTRAND.

Witnesses:

A. GUBERT,
R. M. BAUER.