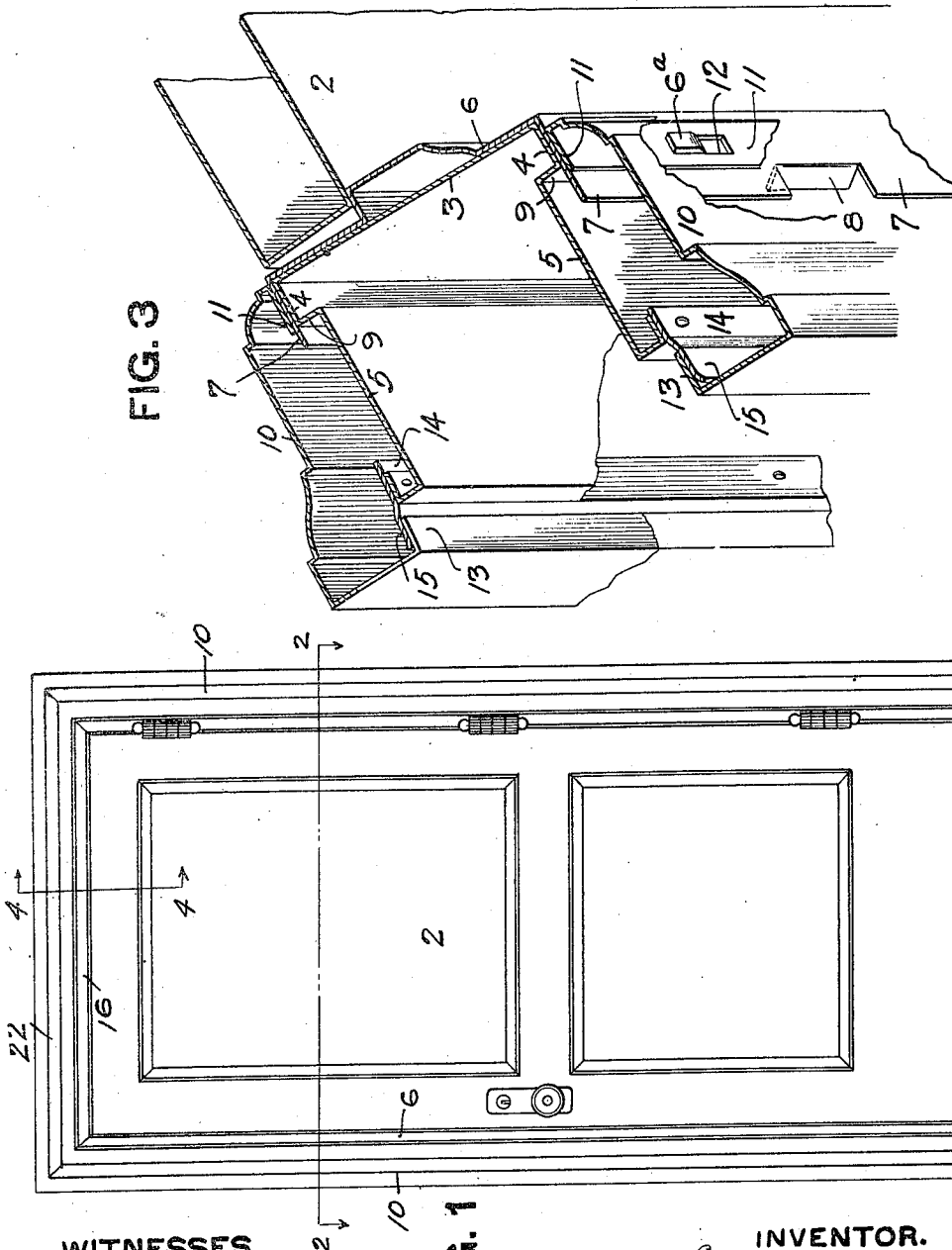


E. OHNSTRAND.
METAL DOOR FRAME.
APPLICATION FILED JUNE 7, 1910.

981,937.

Patented Jan. 17, 1911

2 SHEETS-SHEET 1



WITNESSES.

J. R. Keller
Robert C. Fother

FIG. 1

INVENTOR.

Erich Ohnstrand
By Kay & Fother
Attorneys

E. OHNSTRAND.
METAL DOOR FRAME.
APPLICATION FILED JUNE 7, 1910.

Patented Jan. 17, 1911.

2 SHEETS—SHEET 2

981,937.

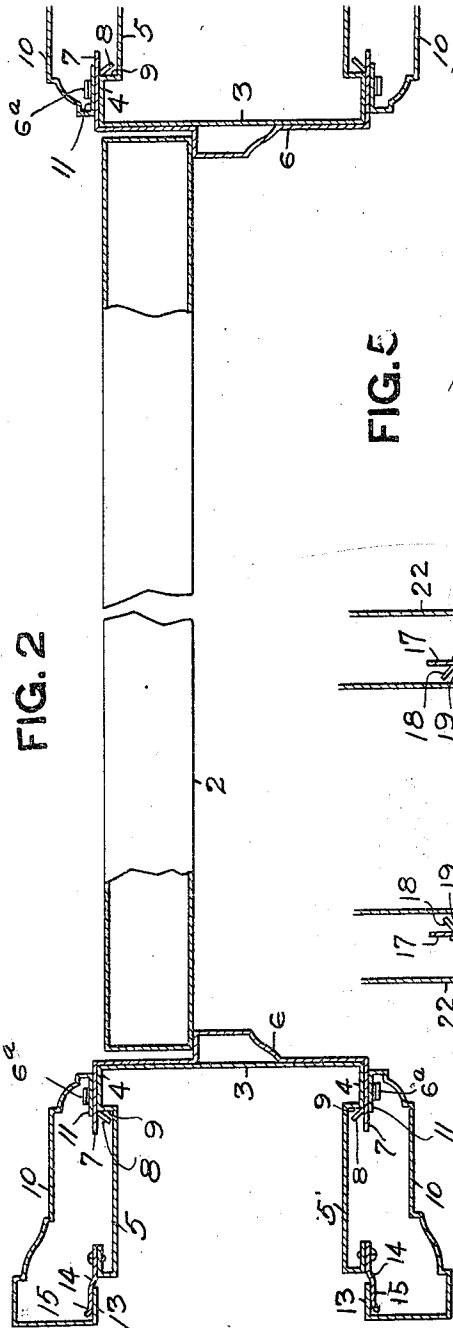


FIG. 2

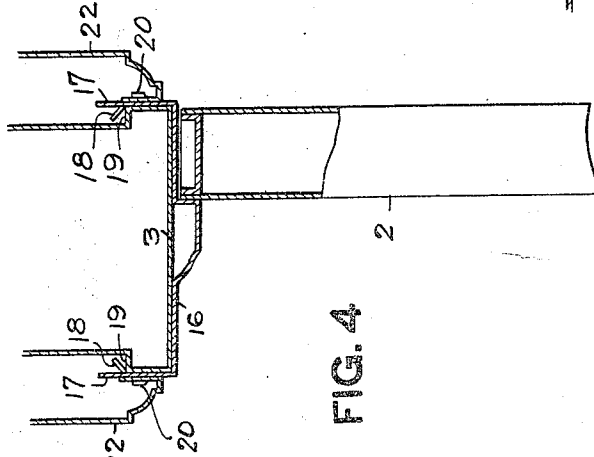
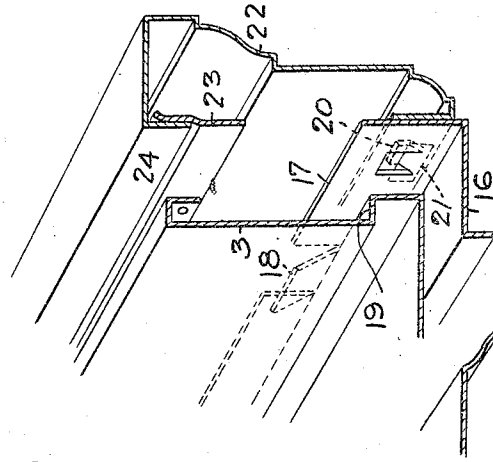


FIG. 4

FIG. 5



WITNESSES.

J. R. Keller
R. C. Follen

INVENTOR.

E. Ohnstrand
By Kay & Follen
attorneys

UNITED STATES PATENT OFFICE.

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

METAL DOOR-FRAME.

981,937.

Specification of Letters Patent. Patented Jan. 17, 1911.

Original application filed February 23, 1910, Serial No. 545,491. Divided and this application filed June 7, 1910. Serial No. 565,629.

To all whom it may concern:

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

My invention relates to metal door-frames, and the present application is a division of the application filed by me Feb. 23, 1910, Serial No. 545,491.

The object of my invention is to provide a metal door-frame in which the parts are so interlocked as to form practically an integral structure and to do away with fastening devices in the way of rivets and screws, the parts being so held together as to prevent their working loose and so marring the appearance of the doorway.

To these ends my invention comprises the novel features hereinafter set forth and claimed.

Referring to the drawings, Figure 1 is a face view of a doorway embodying my invention; Fig. 2 is an enlarged section on the line 2-2, Fig. 1; Fig. 3 is a perspective view of the casing partly broken away; Fig. 4 is a section on the line 4-4, Fig. 1; and Fig. 5 is a perspective view of the manner of securing the trims at the top.

In the drawings the numeral 2 designates the door which may be formed of metal, the panels and slides in the rails being united in any suitable manner.

The frame 3 is composed of sheet-metal of the proper gage to give the necessary strength and rigidity. This frame is shaped to form the recesses 4 and the inwardly extending flanges 5. The metal trims 6 are secured to the frame 3, said trims having the inwardly extending flanges 7. These flanges are cut at intervals to form the lugs 8 which are bent to engage the shoulders 9 on the frame 3. The flanges 7 of the trims 6 are further cut at intervals and bent to form hooked lugs 6^a. The trims 10 are provided with the inwardly extending flanges 11 which have formed at intervals thereon the openings 12. The trims 10 are brought into interlocking engagement with the trims 6 by slipping said trims 10 over the hooks

6^a of the trims 6, said hooks passing through the openings 12. The outer ends of the trims 10 are also provided with the inwardly projecting flanges 13 which engage the vertical strips 14 riveted or otherwise secured to the flanges 5 on the frame 3. The strips 14 are slightly off-set as at 15 to permit flanges 13 of the trims readily slipping into engagement with said strips so as to hold said trim against outward movement. The horizontal trim 16 at the top of the doorway is secured to the frame 3 in the same manner as the trim 6 and accordingly said trim is provided with the flange 17 with the lugs 18 which are bent to engage the shoulders 19. The trim 16 is further provided with the hooked lugs 20 which are adapted to enter the openings 21 of the trim 22. The strip 23 is secured to the frame 3 and the flange 24 of the trim 22 engages the rear face of said strip.

In the above manner I provide an interlocking connection between the trims so that said trims may be readily united and when once interlocked they are securely held in place and that too without the means of rivets or other fastening devices which are liable to work loose and so mar the appearance of the doorway.

What I claim is:

1. In a doorway, the combination of a frame, a trim having portions bent to engage said frame, and a second trim having an interlocking connection with said first trim and engaging said frame.

2. In a doorway, the combination of a frame having shoulders, a trim having portions bent to engage said shoulders, hooked portions on said trim, and a second trim having openings engaged by said hooked portions and engaging said frame.

3. In a doorway, the combination of a frame, a trim having portions bent to engage said frame, a second trim engaging said first trim, a strip on said frame engaged by said second trim.

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

ENOCH OHNSTRAND.

Witnesses:

ABERTH E. OHNSTRAND,
MILES C. NICHOLS.