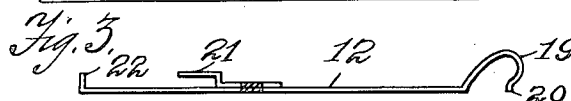
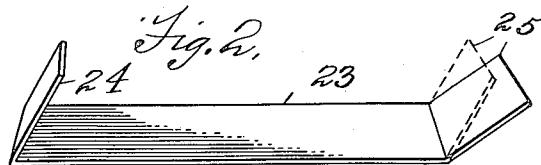
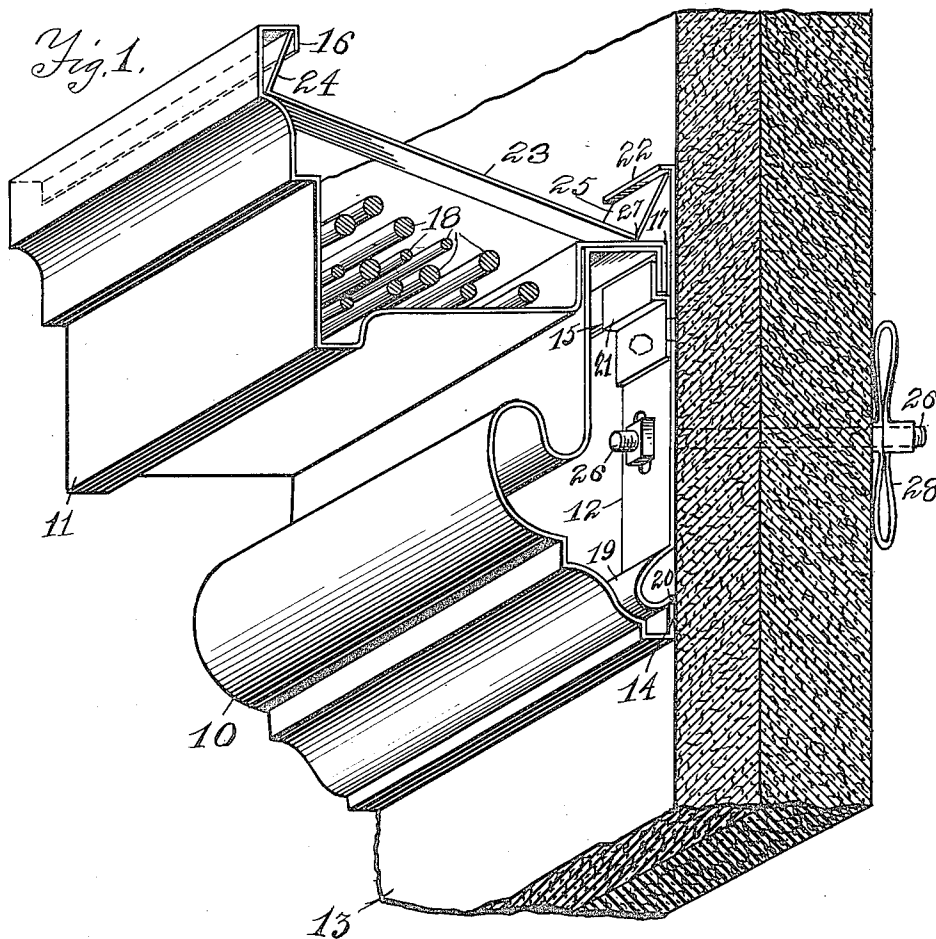


O. M. OTTE.
WIRE TRENCH AND PICTURE MOLDING.
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1,224,315.

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Inventor

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OTHO M. OTTE, OF JAMESTOWN, NEW YORK.

WIRE-TRENCH AND PICTURE-MOLDING.

1,224,315.

Specification of Letters Patent.

Patented May 1, 1917.

Application filed March 20, 1916. Serial No. 85,422.

To all whom it may concern:

Be it known that I, OTHO M. OTTE, a citizen of the United States, residing at the city of Jamestown, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in Wire-Trenches and Picture-Moldings, of which the following, taken in connection with the accompanying drawings, is a specification.

10 The invention relates to sheet metal molding and the attachment of the same to the wall in fire proof construction; and the improvement consists in providing a clip which can be attached at spaced intervals on the walls and which supports the picture molding with provision also on said clip for supporting a wire trench above the picture molding, said wire trench forming with said picture molding a continuous decorative molding effect for the wall of the room which effectually conceals the wires; and the invention consists in the novel features and combinations hereinafter set forth and claimed.

25 In the drawings, Figure 1 is a perspective sectional view of a portion of the wire trench and picture molding showing the manner of attachment to the wall and the removable stay brace support for the wire trench with the wires in said trench. Fig. 2 is a perspective view of the removable stay brace for supporting the wire trench. Fig. 3 is an edgewise elevation of the clip for removably attaching the picture molding and the wire trench on the wall.

Like numerals of reference refer to corresponding parts in the several views.

40 The numeral 10 designates the picture molding, the numeral 11 the wire trench, and the numeral 12 the clip for attaching and supporting the picture molding 10 and trench 11 to the wall 13.

45 The picture molding 10 may be made any desired design so that it has the oppositely intumed flanged edges 14 and 15 for attachment to the clip 12. In like manner the design of the trench 11 may be varied to suit the taste provided that the angular intumed flange 16 and the downwardly turned flange 17 or their equivalents are provided on said trench 11, and also sufficient room should be provided in the trench 11 for the wires 18 in order to carry said wires in concealment around the room.

55 The attaching clip 12 comprises the flat

metal strip with the outwardly curved end 19 and its angular inner end 20 against which the lower flange 14 of the picture molding 10 is resiliently held, being sprung into place over said curved portion 19. Intermediate of the length of the strip 12 a bracket piece 21 is spot welded, though a lug might be struck from the strip 12 to perform the same office as the bracket piece 21 without departing from my invention. In either manner of construction a projecting lug is provided within which the upper flanged edge 15 of the picture molding 10 is supported, also the downwardly turned flanged edge 17 of the wire trench 11 which turned flange is shaped adjacent to the lug or bracket piece 21 so as to fit over the upper edge of the picture molding 10.

75 The upper end of the clip 12 is turned outwardly from the wall 13 in a flange 22 to receive thereunder one end of the removable stay brace 23. The stay brace 23 has the angular turned end 24 to engage beneath the outer flange 16 of the trench 11 and the opposite end has the angular turned end 25 which engages beneath the flange 22 of the attaching clip 12. The clip 12 is preferably attached to the wall 13 by means of an expanding bolt 26 which has an expanding sleeve or head 28 which grips the wall to thereby get a strong bracing effect in holding the clip 12 on the wall 13.

85 It is obvious that a series of spaced holding clips 12 may be attached to the wall by bolts 26, and the molding 10 hung in the bracket or lug 21 by the flange 15 and sprung into place over the curved lower end 19. The flange 17 of the wire trench 11 may then be placed in the brackets or lugs 21 alongside the flange 15 and the stay-brace 23 inserted beneath the outer flange 16, the angular end 24 extending rather acutely toward the wall in order to draw toward the same and end 25 being sprung from an obtuse angle nearly to a right angle in order to obtain the spring of the metal in the stay-brace 23 in holding the end 25 beneath the flange 22 to hold the parts firmly in place as the angular bend 27 rests upon the angular flanged portions 15 and 17 of the molding 10 and trench 11 bracing from said angular flanged portions against the projecting flange 22, thereby securely holding all the parts firmly in position so that the flanged edges 15 and 17 cannot be sprung out of the bracket

or lug 21 without removing said stay-brace 23. This construction also strengthens the brace 23 in supporting the outer portion of the wire trench 11 beneath the angular flange 16.

5 I claim as new:—

10 1. A sheet metal wire trench, a picture molding comprising a molding having angular oppositely lengthwise inturned edges, said wire trench having a lengthwise downwardly turned flanged edge to fit over the upper edge of said picture molding adjacent the wall, a stay brace to support the outer portion of said wire trench, and a
15 three-point clip attached to the wall to support said picture molding, wire trench, and stay brace.

20 2. A molding including a base element, a head element, means borne by the head element to interengage with the top of the base element, means to hold the base element in position, and combined means to hold said interengaging means in position and to brace and support the front of the head element.

25 3. In a molding, a clip, a base having upper and lower inturned flanges, means on the lower end of the clip to engage and support the lower flange of the base, means on the clip between the ends thereof to engage and
30 hold said upper flange of the base, a head, means to support the head from said second means of the clip, means to hold the head against upward movement engaging on top of said head supporting means, and means
35 on the clip extending above said head supporting means to lock the means which

holds the head against upward movement in position.

4. In a molding, a base, a clip having means to engage the base and hold same in position, a head interengaged with the base, said clip having a part extending above the points of interengagement of the base and head, and a brace engaged with said part of the clip and with the head to hold the latter in its said interengaged position and also engaged with the front of the head to brace and support the latter.

5. In a molding, a base, a head interengaging with the base, a stay-brace formed to bear on the head adjacent its point of interengagement with the base to maintain such interengagement, said head having means to engage one end of the stay-brace, and means to engage the other end of the stay-
55 brace.

6. A molding including a base element, a head element, means to secure the base element in position, means whereby to interlock said elements, an abutment extending above the top of the head element, and removable means frictionally held in place and engaged with the abutment and head element and bearing on said head above the top thereof to hold same interlocked.
65

In testimony whereof I have affixed my signature in the presence of two witnesses.

OTHO M. OTTE.

Witnesses:

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