

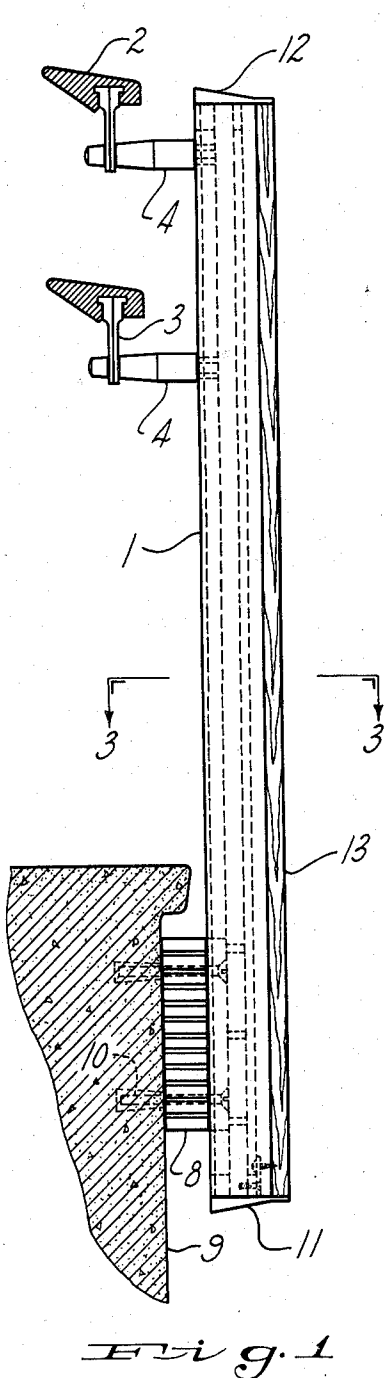
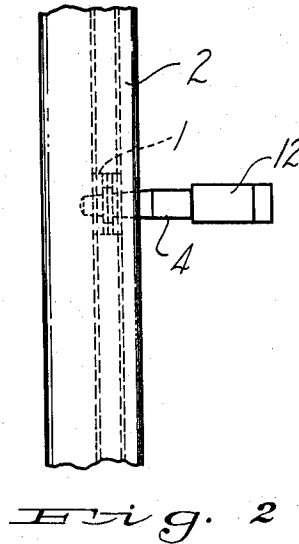
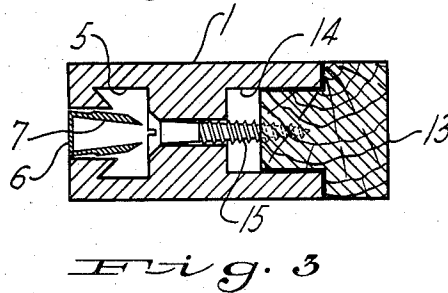
July 19, 1960

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2,945,679

COMPOSITE METAL AND WOOD POST STRUCTURE

Filed March 18, 1958



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2,945,679

COMPOSITE METAL AND WOOD POST STRUCTURE

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Filed Mar. 18, 1958, Ser. No. 722,293

2 Claims. (Cl. 256—65)

This invention relates to new and useful improvements in ornamental rail structures, more particularly to the balustrades or posts and it is among the objects thereof to provide a composite post of extruded metal such as aluminum with a wood facing to lend a pleasing ornamental effect. The invention will become more apparent from a consideration of the accompanying drawing constituting a part hereof in which like reference characters designate like parts and in which:

Figure 1 is a front elevational view partially in cross-section, of a composite metal and wood rail post mounted on a wall and ornamental rails therefor embodying the principles of this invention;

Figure 2 is an enlarged top plan view of a fragmentary portion of the rail and post; and

Figure 3 is an enlarged cross-sectional view taken along the line 3—3 of Figure 1.

In the drawing the numeral 1 generally designates a balustrade or post for mounting ornamental rails 2 which are secured to the posts by expansible clamping members 3 covered by Patent 2,807,834 granted to me October 1, 1957. The clamps 3 are mounted by bolts 4 in slots 5 shown in Figure 3. The portion of the slot between the bolts 4 are closed by a strip 6 that has a spring fit within the narrow portion 7 of the slot 5.

The post 1 is mounted by means of an ornamental mounting bracket 8 on a concrete wall 9 by means of expansion bolts 10. End pieces 11 and 12 are provided at the bottom and top ends of the post to expose a smooth unslotted surface.

The post 1 is provided with a wooden facing strip 13 which is of T-shape as shown in Figure 3, the leg of which fitting into a slot 14 of the metal post 1. The T-shape wood strip 13 is held in place by wood screws 15 at

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spaced intervals. The spring strip 6 covers the screws as is apparent. The wood inserts or strips 13 may be highly polished and of varying wood finishes and the aluminum post 1 may also be of a satin, dull finish or a polished finish to furnish a pleasing contrast with the wood strip 13. It is evident that such composite posts made of extruded metal and wood strips may be used for ornamental rail structures or for ceiling to floor posts for mounting lamps and the like.

Although one embodiment of the invention has been herein illustrated and described, it will be evident to those skilled in the art that various modifications may be made in the details of construction without departing from the principles herein set forth.

I claim:

1. A composite metal and wood post structure for mounting ornamental rails and the like comprising an extruded metal strip having slots at opposite faces for receiving sliding rail mounting brackets and filler strips on one side and a wooden ornamental strip on the other, said extruded metal structure having screw holes receiving the shanks of wood screws which extended to and into the wood strip, rail mounting brackets and filler strips alternately disposed in the slot on one side of said strip and a wooden ornamental strip mounted in the slot in the opposite face of said metal strip.

2. A composite metal and wood post structure for mounting ornamental rails and the like comprising an extruded metal strip having a slot of substantially T-shape on one side and a straight walled slot on the opposite side, rail clamping bolts and filler strips secured in said first named slot and an ornamental wood strip disposed in the other of said slots, said wood strip being T-shape with the leg of the T disposed in the slot and the head portion being of the same depth as and forming a widthwise extension of said post, said post having screw holes extending through the web portion between said slots, and screws extending into the leg of the T fastening the wood strip to said post, said filler strip covering the heads of said screws.

References Cited in the file of this patent

UNITED STATES PATENTS

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1,265,990	Benner	May 14, 1918
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UNITED STATES PATENT OFFICE
CERTIFICATE OF CORRECTION

Patent No. 2,945,679

July 19, 1960

Louis Blum

It is hereby certified that error appears in the printed specification of the above numbered patent requiring correction and that the said Letters Patent should read as corrected below.

Column 2, line 22, for "extended" read -- extend --.

Signed and sealed this 3rd day of January 1961.

(SEAL)

Attest:

KARL H. AXLINE
Attesting Officer

ROBERT C. WATSON
Commissioner of Patents