

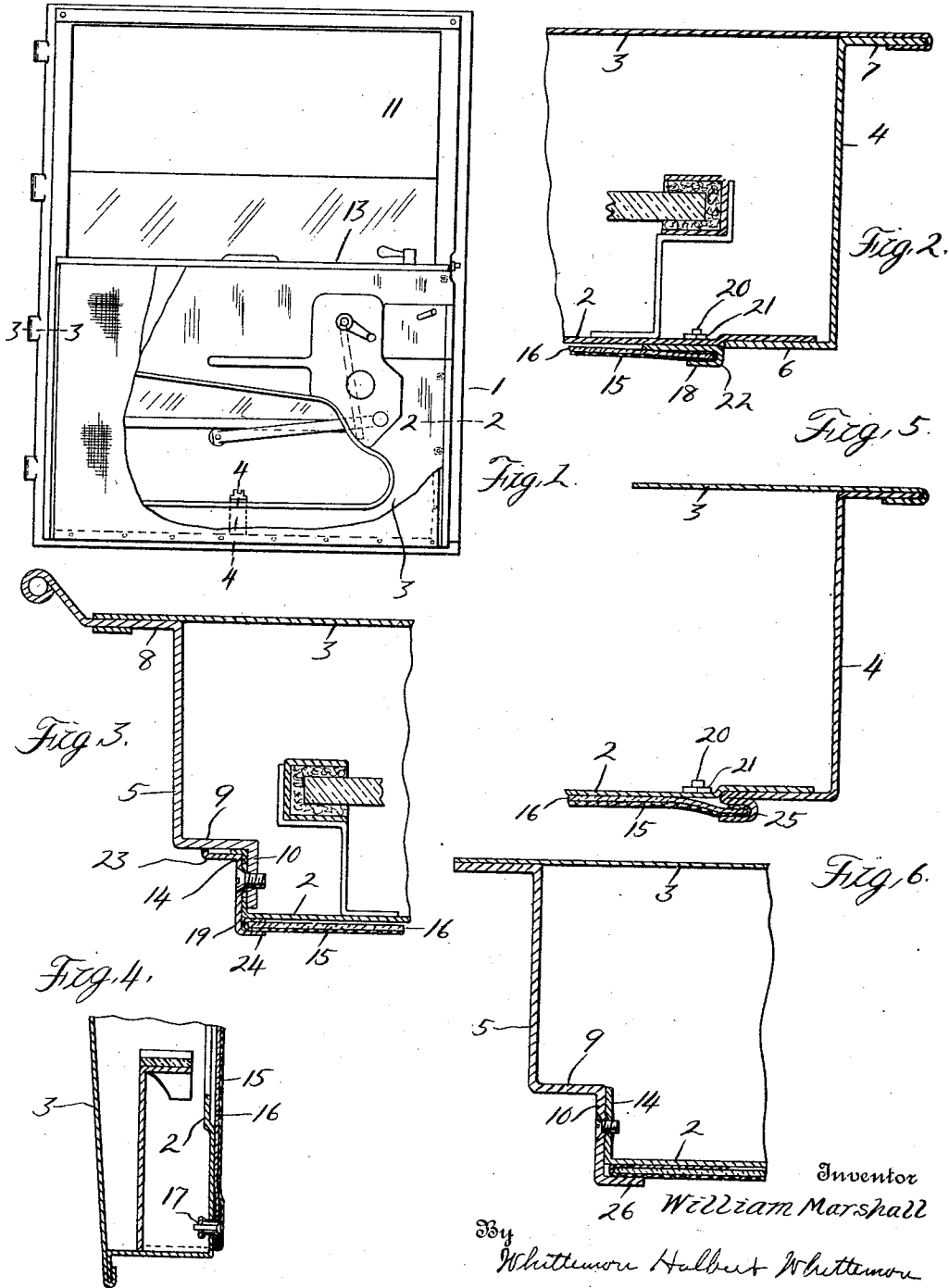
Dec. 23, 1930.

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1,786,073

TRIMMING HOLDER

Filed June 14, 1926



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UNITED STATES PATENT OFFICE

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TRIMMING HOLDER

Application filed June 14, 1926. Serial No. 115,980.

This invention relates generally to means for holding linings or trimming material in place upon all metal door constructions for vehicle bodies and consists of certain novel features of construction, combinations and arrangements of parts as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings:

Figure 1 is a side elevation of the inside of a door;

Figure 2 is a sectional view taken on the line 2—2 of Figure 1;

Figure 3 is a sectional view taken on the line 3—3 of Figure 1;

Figure 4 is a sectional view taken on the line 4—4 of Figure 1;

Figure 5 is a modification of Figure 2 showing a different arrangement of finish strips;

Figure 6 is a modification of Figure 3 showing a different arrangement of finish strips.

Referring now to the drawings, the numeral 1 designates a door embodying my invention having inner and outer sheet metal panels 2 and 3 respectively and upright pillar members 4 and 5. The pillar 4 is provided at its inner and outer edges with rearwardly and forwardly extending lateral flanges 6 and 7 that are secured to the panels 2 and 3, while the pillar 5 is likewise provided with lateral flanges 8 and 9, the flange 9 being provided for a portion of its length with a lateral portion 10, which projects inwardly and terminates in substantial alignment with the flange 6 of the pillar 4.

The outer panel 3 preferably extends the full length of the pillars and is preferably provided at its upper end with a suitable window opening 11, while the inner panel 2 extends from the lower ends of the pillars to a point in line with the lower edge 13 of the window opening 11.

To provide a rigid construction the inner panel 2 is preferably welded at its forward edge to the inner face of the rearwardly extending flange 6 of the pillar 4 and is provided at its rear edge with an outwardly extending flange 14 that is preferably welded

to the outer face of the lateral portion 10 of the pillar 5. The outer panel 3 is secured to the pillars 4 and 5 in any suitable manner, preferably by a welding operation.

To provide a neat appearance, the inner panel 2 of the door is provided with a suitable cloth lining 15. As shown, this lining is preferably provided with a backing sheet 16, preferably of cardboard, and is secured to the inner panel 2 by means of the fasteners 17 and finish strips 18 and 19 respectively. The fasteners 17 employed are preferably similar to those disclosed in my co-pending application Serial No. 734,127 and are located at the lower edge of the inner panel 2, while the strips 18 and 19 are preferably enameled or otherwise finished and are secured to the inner panel at the side edges thereof, preferably by screws 20 which engage nuts 21 anchored in openings in the inner panel.

The front strip 18 conceals the joint between the inner panel 2 and the flange 6 of the pillar 4 and is provided at its forward edge with an open return-bent flange 22 that embraces the forward edge of the lining 15, while the rear strip 19 is mounted on the flange 14 of the inner panel 2 and is provided with the oppositely extending flanges 23 and 24 respectively. As shown, the flange 23 projects rearwardly and conceals the joint between the flange 14 of the inner panel and the flange 9 of the pillar 5, while the flange 24 projects forwardly in spaced relation to the inner face of the inner panel 2 and overlaps the rear edge of the lining.

In Figures 5 and 6 I have shown a slight modification in which the pillars 4 and 5 are provided with integral finish strips. As shown, the edge of the flange 6 of the pillar 4 is bent upon itself and then formed into an open return-bent portion 25 constituting a finish strip for receiving the forward edge of the lining 15 and which also conceals the joint between the inner panel 2 and the flange 6.

In Figure 6 the flange 14 of the inner panel 2 is secured to the inner face of the lateral portion 10 of the flange 9 and this lateral portion 10 is extended slightly beyond the plane of the inner panel 2 and then bent in-

wardly a sufficient distance to form an integral finish strip 26 to receive the rear edge of the lining 15. In this construction the joint between the inner panel 2 and the lateral portion 10 is likewise concealed by the finish strip 26.

From the foregoing it is apparent that I have provided a neat and efficient trimming holder which is simple in construction, easily and quickly attached to the door and which can be cheaply manufactured.

While it is believed that from the foregoing description, the nature and advantage of my invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What I claim as my invention is:

1. In a door the combination with a panel having a lateral flange and a pillar having a marginal flange provided with a lateral portion secured to the flange of the panel, of a finish strip consisting of a central intermediate portion secured to the lateral flange of the panel, a flange extending from one edge thereof and cooperating therewith for concealing the joint between the panel flange and lateral portion of the pillar and a second flange extending from the other edge of the central portion and cooperating with a portion of the panel for holding a trimming for the door.
2. In a door, a substantially flat pillar strip having a laterally projecting outward flange along one longitudinal edge and a laterally projecting inward flange along its other longitudinal edge, the inward flange having a lateral portion in a plane substantially parallel to the pillar strip, an inner panel extending across the free edge of the lateral portion and having a marginal flange upon the outer side of and secured to the outer face of the lateral portion of said inner flange, a panel of trimming material upon the outer face of said inner panel, and means associated with the lateral portion of said inner flange for holding said panel of trimming material, including a substantially flat strip parallel and secured to the lateral portion and having a lateral flange at one longitudinal edge overlapping the outer face of the panel of trimming material.
3. In a door, a substantially flat pillar strip having an outward flange along one edge and an inward flange along its other edge, said flanges extending at substantially right angles from said strip, the inward flange having a lateral portion at its inner edge disposed in a plane substantially parallel to the pillar strip, an inner panel extending at substantially right angles to said pillar strip extending across the free edge of the lateral portion and having a marginal flange par-

allel and secured to the lateral portion of said inner flange, a panel of trimming material flat upon the outer face of said inner panel, and means associated with the lateral portion of said inner flange for holding said panel of trimming material, including a substantially flat strip parallel and secured to the lateral portion and marginal flange aforesaid and having a marginal flange overlapping the outer face of the panel of trimming material.

In testimony whereof I affix my signature.
WILLIAM MARSHALL.

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