June 16, 1925. 1,542,481

W. J. SPIRO

EDGE MOLDING

Filed April 23, 1924

Fig. 1.

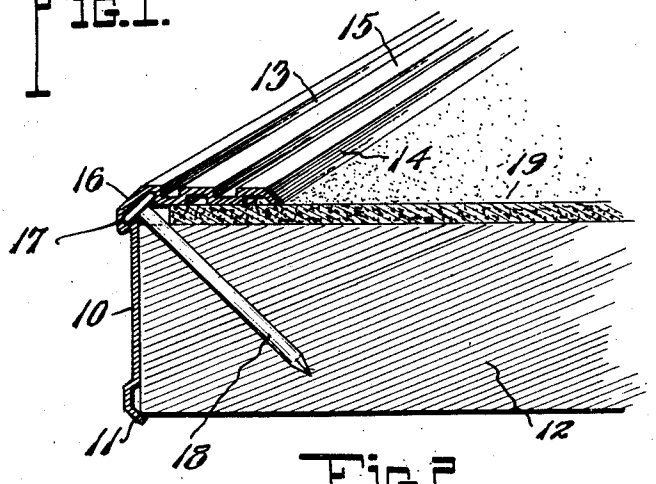


Fig. 2.

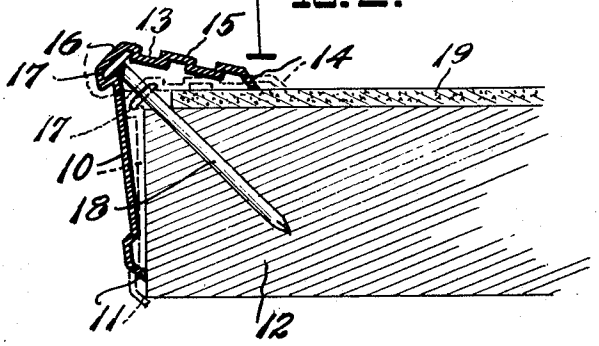


Fig. 3.

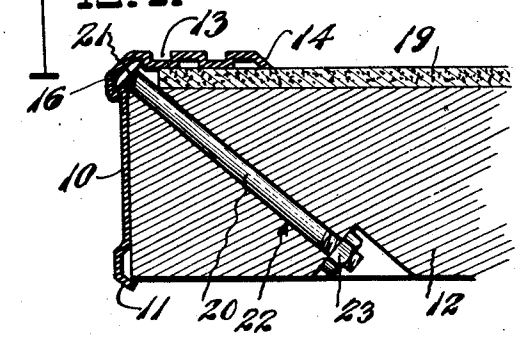
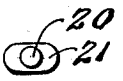


Fig. 4.



Witness:
E. H. Wagner.

By

Inventor
W. J. Spiro

Alfred T. Gage.

Attorney

Patented June 16, 1925. 1,542,481

UNITED STATES PATENT OFFICE.

WALTER J. SPIRO, OF WHITE PLAINS, NEW YORK.

EDGE MOLDING.

Application filed April 23, 1924. Serial No. 708,447.

To all whom it may concern:

Be it known that I, WALTER J. SPIRO, a citizen of the United States, residing at White Plains, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Edge Moldings, of which the following is a specification.

This invention relates to an edge molding and particularly to a construction adapted for application to the running board of motor vehicles.

In prior constructions of this character the molding has been secured by fastening devices passed through apertures in the molding which exposed the heads of such devices and prevented their application at a point upon an angular molding which would draw the free edges thereof into gripping contact with the outer face of a running board and the covering thereon. The present invention avoids these objections by concealing the fastenings and applying them at the angle of the molding to cause its free edges to grip the surfaces upon which it is mounted.

The invention has for an object to provide a novel and improved construction of angular edge molding in which the securing devices are carried and concealed thereby.

A further object is to present a new form of such a molding having at its angle a channel in which the head of the fastening device is adjustably mounted so that when secured to a body the tension upon the molding causes its free edges to grip the faces of such body to assist in retaining the molding in proper position.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawing—

Figure 1 is a sectional perspective showing the molding applied to a running board;

Figure 2 is an end view of the molding before application;

Figure 3 is a vertical section showing a modified form of fastening device; and

Figure 4 is a detail of the head of such device.

Like numerals refer to like parts in the several figures of the drawing.

The molding may be formed of any desired material or configuration and applied for various purposes. In the form disclosed herein it is applied to the running board of a motor vehicle and comprises an angular strip having a front wall 10 provided at its free edge with a lateral gripping face 11 disposed to engage the lower corner of a running board 12 which may be of any desired character. The top wall 13 of the molding is disposed at an angle to the front wall and formed with a gripping face 14 at its free edge to engage the covering 19 of the board, and also with longitudinally extending ribs 15 to present an anti-slipping tread surface. At the angle between the front and top walls the molding is provided with a channel 16, preferably of dovetailed cross section, and adapted to receive the head 17 of a fastening device 18, such as a nail as shown in Figure 1. The head of this fastener is embraced by the walls of the channel and is freely adjustable longitudinally therein so as to properly position the fastener for application to the aperture formed in the board for its reception. In the formation of the molding the walls thereof are disposed at an acute angle, or less than a right angle, to each other, as shown in Figure 2, so that when applied to a body having surfaces at a right angle the tightening of the fastening devices causes the gripping face of the top wall to firmly engage the covering of the running board and the gripping face of the front wall to engage the lower corner of the board to prevent lateral displacement therefrom.

In the modified form of attaching means shown in Figures 3 and 4 the molding is similar in construction to that before described, but the bolt 20 is provided with an elongated head 21 slidingly mounted in the channel of the molding and prevented from turning therein. This bolt passes through an aperture 22 in the board and is secured by a nut 23 which firmly draws the molding into gripping position.

The general operation of the invention will be apparent from the foregoing description and it will be seen that the molding not only conceals the fastening devices but also prevents the individual displacement thereof if one or more should become loosened in use. The connection of the fastening devices therefore increases their holding capacity while presenting an attractive and finished appearance. By applying these fasteners at the angle of the molding the free gripping faces thereof are brought into firm contact with the board and its

covering so as to retain the latter and also the molding against displacement. In the application of the molding the fasteners are disposed in the channel from an end thereof and adjusted into alinement with the apertures in the board to receive the same. If driven fastenings are used a block of wood or other soft material is placed over the edge or channel of the molding to prevent injury or marring thereof. The molding is adapted to be readily produced from a single strip of material by a stamping or rolling operation and cut into the desired lengths for use. The invention therefore presents a simple and very efficient construction which can be economically manufactured.

While the construction of the molding has been specifically shown and described, the invention is not confined thereto, as changes and alterations may be made therein without departing from the invention as defined by the following claims.

What I claim is—

1. An edge molding adapted to embrace faces at an angle to each other and provided upon its inner face at its vertex with means for retaining a concealed fastening device thereon.

2. An edge molding adapted to embrace faces at an angle to each other and provided at its vertex with means for supporting a fastening device for longitudinal movement thereon.

3. An angular edge molding adapted to embrace faces at an angle to each other and provided with a channel at its vertex adapted to support and conceal the head of a fastening and permit its longitudinal adjustment thereon.

4. An angular edge molding adapted to embrace faces at an angle to each other and provided with a channel at its vertex, and a fastening device having an enlarged head adjustably supported in said channel for movement longitudinally thereof.

5. A molding adapted to embrace faces at an angle to each other and provided intermediate its edges with means for adjustably supporting a fastening device for movement longitudinally of the molding.

6. A flexible molding adapted to embrace faces at an angle to each other and having its free edges formed with inturned gripping faces, and a fastening device carried by the molding intermediate said edges to draw said gripping faces into contact with the embraced faces of a body to which the molding is attached.

7. An angular running board molding having walls at substantially an acute angle disposed to embrace the top and front edges of the board, and a securing device extending from the angle of the molding diagonally into said board to expand the molding into a right angle formation.

8. An angular running board molding having lateral gripping faces at its free edges disposed to embrace faces of the board at an angle to each other, and a securing device supported within the molding at the vertex thereof to enter said board.

9. An angular molding adapted to embrace faces at an angle to each other and having at its vertex a dovetailed inwardly opening channel from which the free edges of the molding extend at an angle to each other of less than a right angle.

10. An angular molding comprising opposite walls connected by an open channel for adjustably retaining a securing device, lateral gripping faces at the free edges of said walls, and longitudinally extending tread ribs upon one of said walls.

In testimony whereof I affix my signature.

WALTER J. SPIRO.