Sept. 15, 1925. 1,554,135

L. F. SEELAR

WINDOW POST

Filed April 9, 1924

Fig. 1.

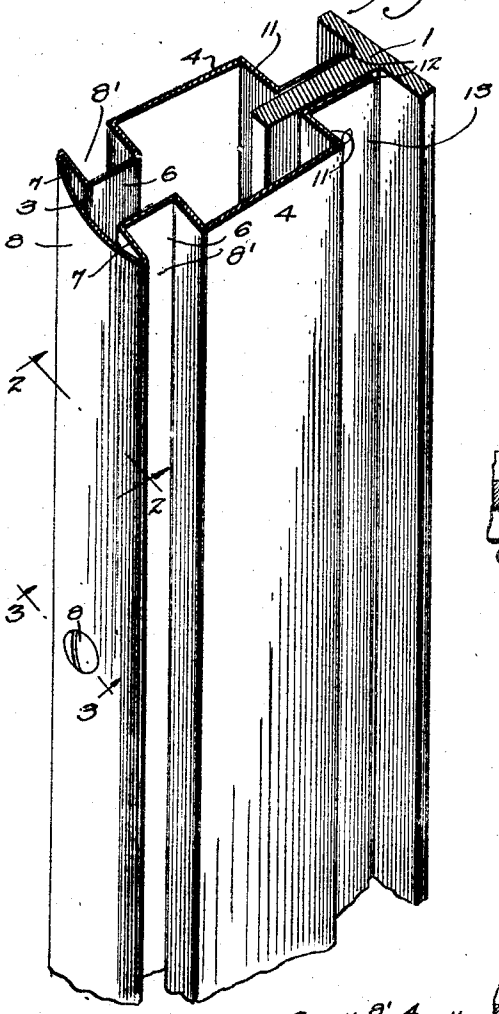


Fig. 2.

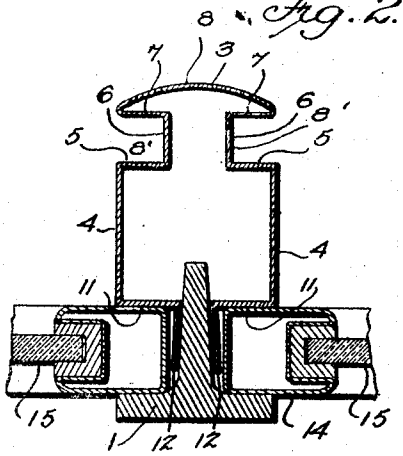
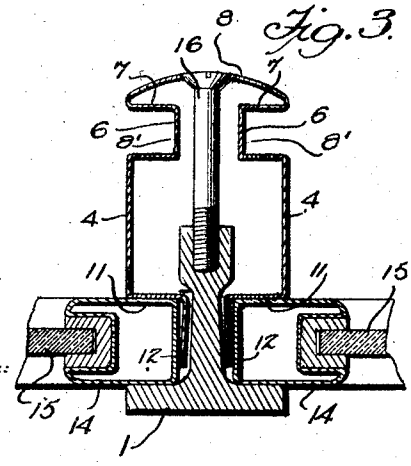


Fig. 3.



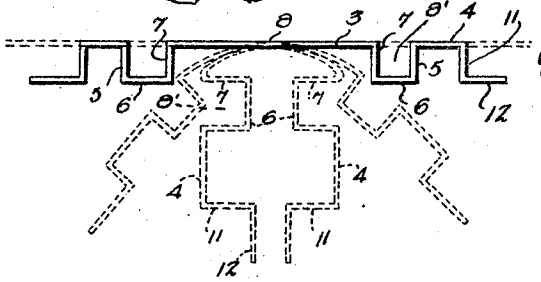


Fig. 4.

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UNITED STATES PATENT OFFICE.

LUTHER F. SEELAR, OF ST. LOUIS, MISSOURI, ASSIGNOR TO ST. LOUIS CAR COMPANY, OF ST. LOUIS, MISSOURI, A CORPORATION OF MISSOURI.

WINDOW POST.

Application filed April 9, 1924. Serial No. 705,324.

To all whom it may concern:

Be it known that I, LUTHER F. SEELAR, a citizen of the United States, residing at the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Window Posts, of which the following is a specification.

This invention relates to window posts, and more particularly to window posts for vehicles, such as trolley cars, railway trains, and the like.

An object of the invention is the provision of a window post formed of resilient metal adapted to replace the wood furring and finish strips commonly employed on car windows.

A further object is the provision of a window post having a formed section made of resilient metal that may be adjusted toward the outer post to form a tight closure for the window.

A further object is the provision of a resilient, formed section, the free ends of which extend around the sash to effect a weather-proof closure.

In the accompanying drawings, I have shown one embodiment of the invention. In this showing:

Figure 1 is a perspective view of a portion of a window post,

Figure 2 is a horizontal sectional view on line 2—2 of Figure 1,

Figure 3 is a similar view on line 3—3 of Figure 1 showing the adjusting means, and,

Figure 4 is a diagrammatic, plan view showing the manner in which the inner post is formed.

Referring to the drawings, the reference numeral 1 designates the outer post of a vehicle window. As shown, a T-section of metal may be employed to form the outer post, but metal of other shapes may also be employed if desired. A resilient, pre-formed member 3 is secured to the outer post to form the inner post. The pre-formed member consists of side sections 4, forming a substantially rectangular body portion. At one side of the body portion, the resilient metal is extended inwardly, as at 5, and then laterally, as at 6. The resilient metal is further provided with outwardly extending portions 7 parallel to the inwardly extending portion 5, forming a groove 8′ which serves as a guide for the window curtain. The ends of the outwardly extending sections 7 are connected by a section 8, which may be curved or shaped in any manner to produce an ornamental effect. The ends of the resilient metal are extended inwardly from the sections 4, as indicated at 11, and the extreme end portions 12 are arranged adjacent the opposite faces of the outer post. The end sections and the outer post form grooves 13, serving as sash guides and suitable sash frames 14 are arranged therein. These frames are adapted to contain the glass 15. At suitable intervals, bolts, screws or other fastening elements 16 are passed through the formed metal member and the filler strip into the outer post.

In Figure 4 of the drawings, the method of forming the inner post is shown. A flat sheet of metal is first bent to form the portions 5, 6, 7, 11 and 12, and the central portion of the sheet is then rolled as shown in dotted lines to form the inner face 8.

Particular attention is called to the fact that the resilient, formed member of the post has no motion longitudinally of the car but may be adjusted toward the outer face of the car by means of bolts 16 to force the sash tightly against the outer post and form a weather-proof seal. The loose ends 12 of the resilient metal further serve as a weather-proof seal between the sash and the outer post.

It is to be understood that the form of the invention herewith shown and described is to be taken as a preferred example of the same, and that various changes in the shape, size, and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

I claim:

1. A window frame comprising an outer post, an inner post member formed of resilient metal arranged adjacent said outer post, said inner post being shaped to form curtain guides and being adapted to cooperate with said outer post to form a sash guide, and fastening means passing through said inner post and engaging said outer post member to permit regulation of the size of said sash guide.

2. A window frame comprising an outer post, an inner post member formed of resilient metal arranged adjacent said outer post, said inner post being shaped to form curtain

guides and being adapted to cooperate with said outer post to form a sash guide, and fastening means passing through said inner post and engaging said outer post member to permit regulation of the size of said sash guide, the ends of said resilient member being arranged in the sash guide to form a weather strip.

3. A window frame comprising an outer post, a resilient inner post comprising a sheet of metal shaped to form a substantially rectangular body portion, the intermediate portion of said resilient member being shaped to form a bead providing grooves for the reception of a window curtain, the ends of said member being arranged in contact with said outer post forming weather strips for the sash, and means for fastening said resilient member and said outer post to each other.

4. A window frame comprising an outer post, an inner post comprising a sheet of resilient metal shaped to form a substantially rectangular body portion, the inner side of said body portion being spaced from the inner face of said outer post to form sash guides, the ends of said sheet metal member being arranged in contact with said outer post and adapted to contact with the sides of the window sash to form weather strips for the sash, and means for fastening said inner post and said outer post to each other.

5. A window frame comprising an outer post formed of a rigid member substantially T-shaped in horizontal cross section, a resilient inner post comprising a sheet of metal shaped to form a substantially rectangular body portion, the intermediate portion of said resilient member being shaped to form a bead providing grooves for the reception of a window curtain, the ends of said member being arranged in contact with the opposite sides of the leg of said T-shaped outer post forming weather strips for the sash, and means for fastening said resilient member and said outer post to each other.

In testimony whereof, I affix my signature.

LUTHER F. SEELAR