July 31, 1923. 1,463,444

E. G. SIMPSON

REMOVABLE WINDOW GUIDE

Filed May 1, 1922

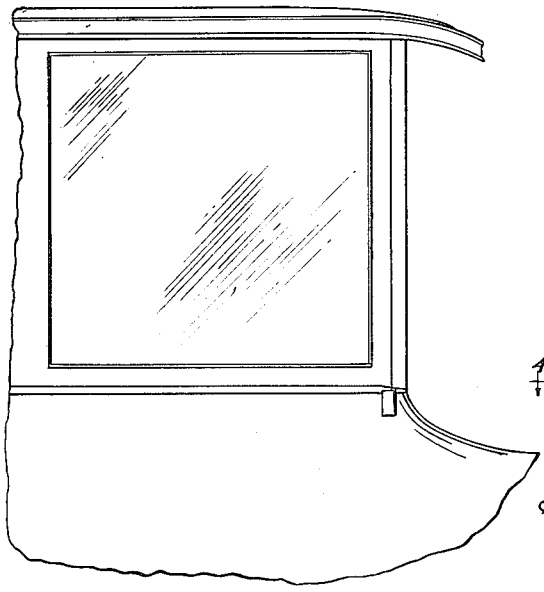


Fig. 1.

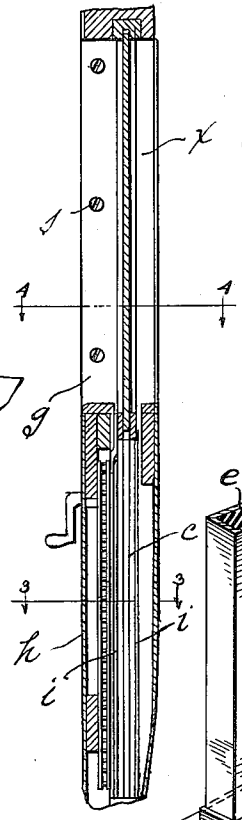


Fig. 2.

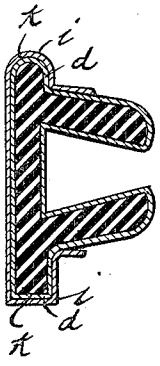


Fig. 3

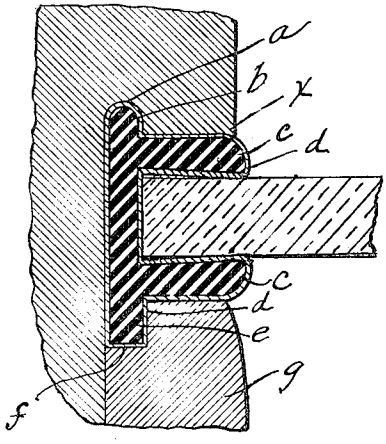


Fig. 4

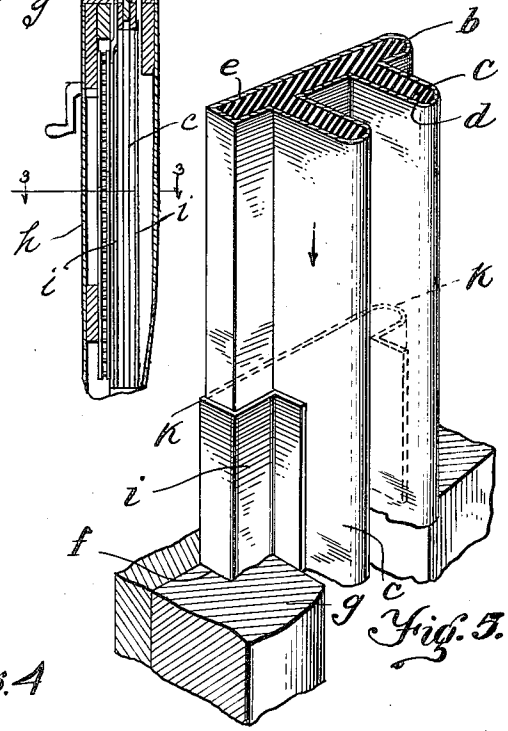


Fig. 5.

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UNITED STATES PATENT OFFICE.

EMORY GLENN SIMPSON, OF DETROIT, MICHIGAN, ASSIGNOR TO FISHER BODY CORPORATION, OF DETROIT, MICHIGAN, A CORPORATION OF NEW YORK.

REMOVABLE WINDOW GUIDE.

Application filed May 1, 1922. Serial No. 557,780.

To all whom it may concern:

Be it known that EMORY GLENN SIMPSON, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, has invented certain new and useful Improvements in Removable Window Guides, of which the following is a specification.

This invention relates to window guides and especially a window guide intended to guide a so called sashless window in an automobile closed body. In a prior application No. 554,223, I have described and claimed a rubber window guide covered with plush or any other slick material. The guide described in that application was intended to be nailed to the window post. It is the object of the present invention to provide a guide which can be anchored to the window post without nailing.

This is a very important feature in body construction for the reason that it is the practice to put all but the last coat of paint on a body before the trimming is put on. The trimming is then put on and the body is then rubbed and the final coat—varnish—is put on the body with the trimming in place. With the rubber channel window guide nailed to the post this has to be nailed in place before the trimming is put on otherwise access cannot be had to the window well. Hence the last coat of varnish has to be applied with the channeled window guide in place. This will result in gumming up the plush or velveteen cover of the window guide so as to make it unsightly and harsh.

It is the object of the present invention to so design the rubber channel and the holding members that same can be assembled into the window well and secured to the upper part of the window post after the body has been trimmed and the final coat of varnish has been put on.

In the drawings:

Fig. 1 is a fragmentary view of the front quarter of the body.

Fig. 2 is a vertical section of the window and window well.

Fig. 3 is a cross section taken on the line 3—3 of Fig. 2, through the guide only.

Fig. 4 is a cross section taken on the line 4—4 of Fig. 2.

Fig. 5 is a detail showing how the flexible strip can be fed into the window well.

The window stop *x* is recessed at the point *a* to provide a groove to receive the anchoring rib *b* and the channel window guide *c*. This window guide *c* is made up of a rubber channel of soft pliable rubber over which is secured a covering of soft material *d* such as velveteen, plush, satin or similar material. The opposite side of the channel is provided with a longitudinally running anchoring rib *e* which is adapted to lie in a rabbeted portion *f* of the window molding *g*. This holds the strip to the upper portion of the post.

In the window well before the trimming material *h* is in place, the metal strip *i* with anchoring grooves *k* is nailed to the side of the window post. This forms a retainer for the window guide in the window well. The window guide being flexible and bendable may simply be inserted in the top of the metal strip and slid down into place. The upper portion of the window guide channel may then be placed against the window post with the anchoring rib *b* fitted into the groove *a* in the window stop. The molding may then be secured to the window post by screws *j*.

This will complete the assembly and permit the cloth covered window guide channel being inserted in the window well and in the window stop after the last coat of varnish has been put onto the body and after the trimming material has been installed.

What I claim is:

1. In a body construction, the combination of a window post provided with a stop having a longitudinal groove, a channel window guide constructed of soft distortable material provided with a rib on one side arranged to engage in the groove, and a rib on the other side, and a window molding arranged to be engaged over one rib and against the post for anchoring the two ribs in place and holding the channel guide to the window post.

2. In a body construction, the combination of a window well and a window post provided on its face with a channel member having one or more laterally offset grooves, and a channeled window guide that can be slid into the channel and the offset groove or grooves from the top of the window well, a portion of the channelled guide interlocking in the groove or grooves offset from the channel member on the face of the post,

whereby the said window guide may be placed in the window well after the same has been closed.

3. In a body construction, the combination of a post, a window well, a retaining channel secured to the face of the post in the window well and provided with anchoring grooves, and a window guide having laterally extending ribs adapted to fit into the anchoring grooves of the retaining member to enable the window guide to be slid into the retaining member after the window well is closed by sliding the same into the said retaining member from the top and anchored therein by said ribs and grooves.

4. In a body construction, the combination of a post, provided with longitudinally grooved stop, a window well, a channel retaining member secured to the face of the post in the window well and having anchoring grooves and a flexible window guide channel having laterally disposed anchoring ribs which can be slid onto the retaining member in the top thereof and which can have one of the ribs anchored in the recess of the post, and a removable window molding for securing the other anchoring rib in place.

5. In a body construction, the combination of a window post, a window well, a sheet metal strip forming a channel having its edges turned over to form anchoring grooves and a window guide channel having a core of soft rubber covered with a slick material and provided with laterally projecting anchoring ribs which enables the window guide to be assembled in the retaining member in the well by sliding the same in the top after the window well has been closed.

6. In a body construction, the combination of a window post, a sheet metal channel having turned over edges forming anchoring grooves and a rubber channel member covered with a slick material and having laterally projecting anchoring ribs which enables the channel to be slid into the retaining member in the top thereof to assemble the same to the window post.

7. In a body construction, the combination of a window post provided with a longitudinal groove, a rubber window channel covered with a slick material and having laterally projecting anchoring ribs, one of which engages in the longitudinal groove of the window post and a molding fitted over the other anchoring rib to hold the channel to the post.

8. In a body construction, the combination of a window post, a window well, a window guide retaining member secured to the face of the post in the window well, and a flexible channel guide that can, independently of the opposite window guide, be slidably anchored into the said retaining member after the window well has been closed by feeding the same into the top of the retaining member.

In testimony whereof I affix my signature.

EMORY GLENN SIMPSON.