Nov. 2, 1937. B. F. GIBERSON 2,098,174

VEHICLE WINDOW SCREEN

Filed June 26, 1936

Fig. 1.

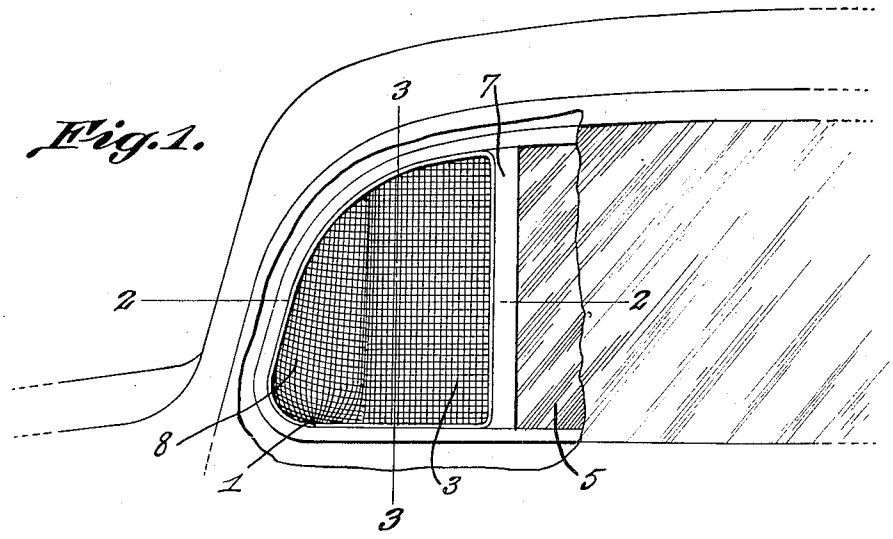


Fig. 2.

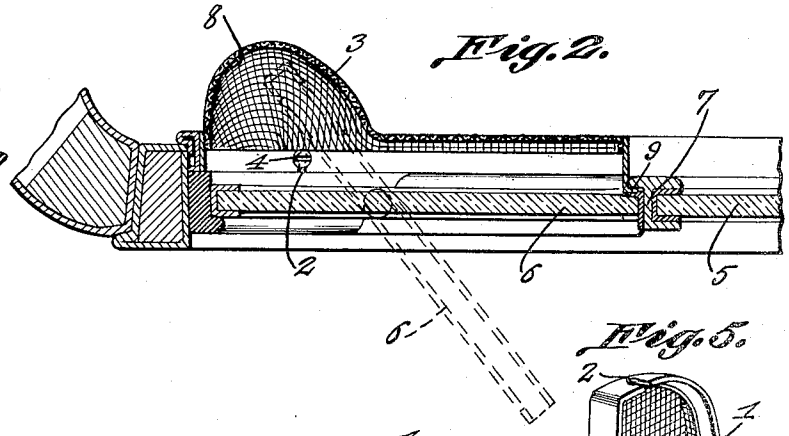


Fig. 3.

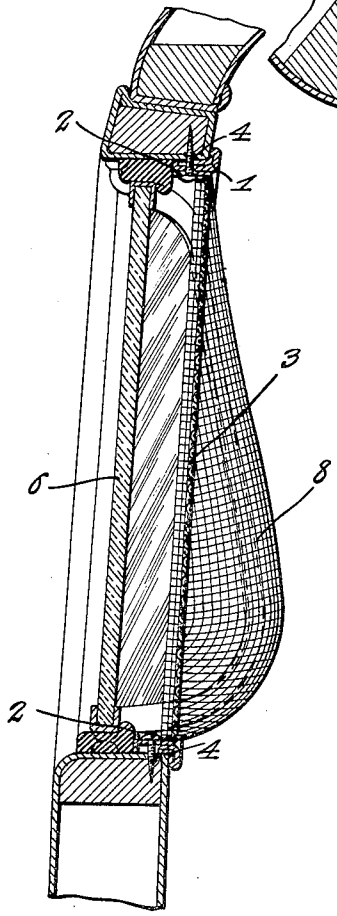


Fig. 4.

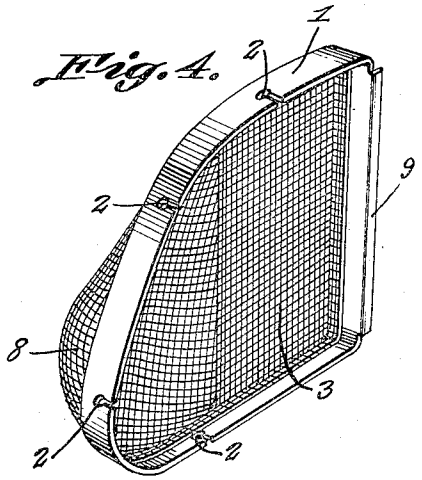
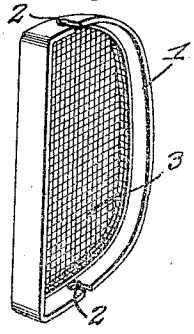


Fig. 5.



Bernice F. Giberson, INVENTOR

BY Victor J. Evans & Co.

ATTORNEYS

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VEHICLE WINDOW SCREEN

Bernice F. Giberson, Superior, Wis.

Application June 26, 1936, Serial No. 87,561

1 Claim. (Cl. 156—14)

This invention relates to protectors for motor vehicle windows especially adapted to exclude insects and missiles from the interior of a motor vehicle when the windows are open for ventilating purposes and has for the primary object the provision of a simple and inexpensive device of this character which may be easily and quickly installed without structural changes to the motor vehicle and which will permit the windows to be opened and closed as usual and when open will provide a positive preventive against stones thrown by passing vehicles from entering and hitting occupants of the vehicle to which the device is adapted and also will prevent the entrance of insects.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which

Figure 1 is a fragmentary side elevation illustrating a motor vehicle with a protector adapted thereto and constructed in accordance with my invention.

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 perspective view illustrating the type of my invention to be employed on a window wherein the window consists of sliding and swinging panel sections.

Figure 5 is a perspective view illustrating the form of my invention adaptable to windows wherein the transparent panel is mounted for sliding movement.

Referring in detail to the drawing, the numeral 1 indicates a frame of a shape to conform to the shape of a motor vehicle window, as shown in Figure 1. The frame 1 is preferably made of a metallic material and is provided with substantially key-hole shaped slots 2 opening outwardly through edges of the frame. Secured to the frame 1 and closing the latter is a screen 3 constructed of any material suitable for the purpose. The screen 3 being of foraminous material will permit free circulation of air when the window is open and will exclude insects and missiles.

In motor vehicle construction, the window frames have secured thereto molding strips by screws or like fasteners 4 and to adapt my invention to a window the screws or like fasteners are partly moved outwardly so that they may readily enter the slots 2 of the frame 1 with the frame tightly fitting the molding strip. The screws are then turned tightly into the motor vehicle body thereby firmly securing the protector in position.

In motor vehicle construction it is common to have windows of the non-draft ventilation type, that is, one of the transparent panels, indicated by the character 5, is mounted for sliding movement in an upward and downward direction while a second panel, indicated by the character 6, is mounted for swinging movement about a vertical axis. Separating the panels 5 and 6 is a vertically arranged strip or post 7 so constructed that the panel 5 is free to slide while the panel 6 is free to swing with one portion of the panel projecting outwardly of the vehicle body while the other portion extends inwardly of the vehicle body. In order to accommodate the panel 6 when in an open position, the screen 3 may have an offset or bulged portion 8. A flange 9 is formed on the frame to contact the post 7, as shown in Figure 2.

A device of the character described and shown in the drawing can be easily installed and will provide a positive protection against the entrance of insects and missiles against the interior of the vehicle when the window is opened and will in no way interfere with the usual opening or closing of the window.

Having described the invention, I claim:

A protector comprising a frame constructed from a narrow flat strip of metal shaped to fit a window frame of a motor vehicle and having slots opening outwardly through an edge thereof to receive fasteners of the window frame, a screen carried by the first-named frame, said screen having an offset portion to provide a space in which a portion of a window panel may swing, and a flange formed on the first-named frame opposite from said offset portion to engage a guide post of the window frame.

BERNICE F. GIBERSON.