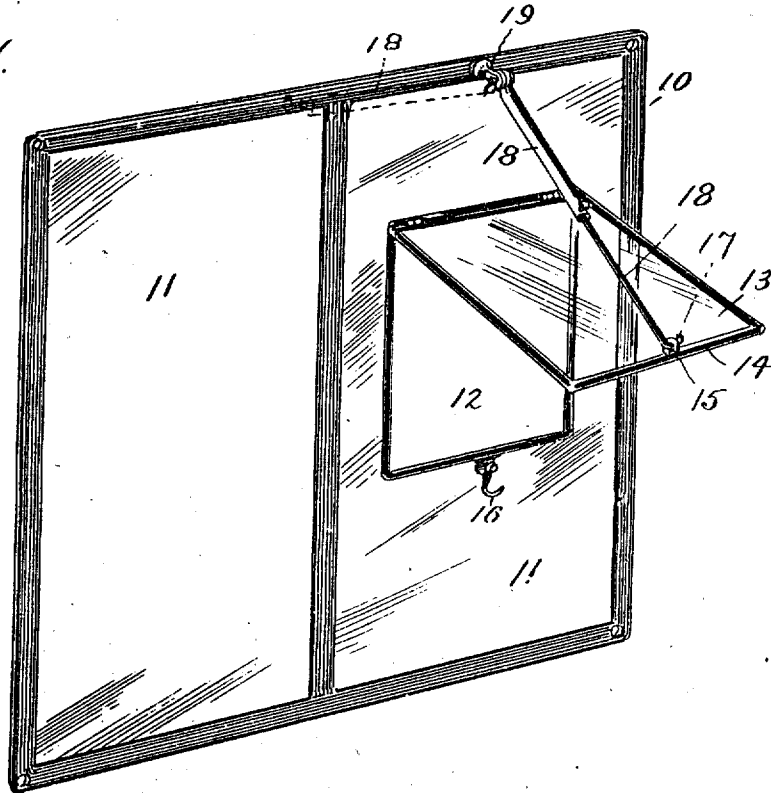


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 APPLICATION FILED AUG. 15, 1911.

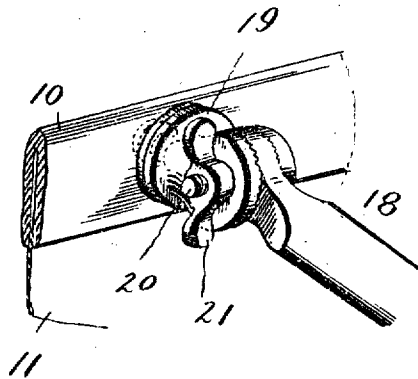
1,011,940.

Patented Dec. 19, 1911.

*Fig. 1.*



*Fig. 2.*



WITNESSES  
*Nathaniel K. Rahn*  
*A. L. Smith*

INVENTOR  
*Anna H. Gilson,*  
 by *Chas. Williamson,*  
 Attorney

# UNITED STATES PATENT OFFICE.

ANNA K. GILSON, OF QUECHEE, VERMONT.

RAIN AND WIND SHIELD FOR AUTOMOBILES.

1,011,940.

Specification of Letters Patent.

Patented Dec. 19, 1911.

Application filed August 15, 1911. Serial No. 644,219.

*To all whom it may concern:*

Be it known that I, ANNA K. GILSON, of Quechee, in the county of Windsor and in the State of Vermont, have invented a certain new and useful Improvement in Rain and Wind Shields for Automobiles, &c., and do hereby declare that the following is a full, clear, and exact description thereof.

The object of my invention is to provide a shield for automobiles and other vehicles in which the serious difficulty of obscuring the vision or view by rain upon the shield will be obviated by the provision of a hinged section that may be readily opened and closed, and to this end my invention consists of the shield having the characteristics of construction substantially as hereinafter specified and claimed.

In the accompanying drawings—Figure 1 is a perspective view of a shield embodying my invention in which transparent celluloid is used, the movable section being shown in an open position; Fig. 2 a detail view in perspective on a larger scale showing the movable section supporting rod.

In the embodiment of my invention that I have selected for illustration, I employ a rectangular frame 10, preferably of leather, having a middle division bar running from top to bottom forming two similar openings side by side, each of which is filled with a sheet or pane of transparent celluloid 11. In one of the sheets or panes 11 is formed, or provided, an opening 12 with its edges suitably bound or faced, and hinged at the upper edge of said opening is a correspondingly shaped closure, or section, 13 formed of transparent celluloid supported by a frame 14 of leather. At the lower free edge of the closure, or section, is an eye 15 adapted, when the closure is in its closed position, to be engaged by a hook or latch 16 to retain it in its closed position, while when in an open position said eye is engaged by a hook 17 on the end of an arm or rod 18 formed of telescopic sections, the upper end of the rod being pivotally connected to the top of the frame 10 so that it may be swung toward and from the shield to suit the angle at which it is desired the closure or movable section 13 shall stand, and also so that it may be swung into a position parallel with the top bar of the frame when it is not in use. To provide for both these movements of the closure supporting arm, it is pivoted at the upper end between the forks of a

bifurcated stud 19 that has a shank which is pivotally connected to the top bar of the shield frame, its pivotal connection with the top bar of the shield frame being one in which there is sufficient friction to cause the pivot stud to remain in any position in which it may be left. A clamping bolt 20 having a wing nut 21 forms the pivotal connection between the telescopic rod and the bifurcation of the pivot stud so that the arm may be securely clamped or locked at the desired angle at which it must be placed to support the hinged closure or section 13 in a desired raised position. The hinged closure and the supporting arm are mounted on what is the inner side of the shield when in use, so that these parts are readily accessible for manipulation.

It will be seen that by means of my invention, when it is not raining, the closure or hinged section being in its closed position the shield will be a continuous one so that it will completely protect the persons in the vehicle from the wind; and yet in the event of a rain that would cause the accumulation of water upon the shield, and hence would obscure the vision or view, enough of the shield may be opened to give a clear view ahead to the driver of the vehicle without unduly exposing himself or other occupants of the vehicle. The leather framing is desirable because using celluloid the shield may, when not in use, be readily rolled up into a small compass, and it is to enable this rolling of the shield that I pivot the closure supporting arm to the frame 10 so that it may be swung to a position parallel with the top bar of the frame and thus interpose no obstacle to the complete rolling up of the shield. Of course the pivotally mounted telescopic supporting arm 18 possesses characteristics that render it useful even should the shield not have a transparent portion made of celluloid and be capable of being wound into a roll when not in use, and I accordingly do not limit the scope of my invention in all of its embodiments to a wind shield constructed precisely as illustrated in the drawings, although for the reason that I have given, such embodiment of my invention is an excellent one.

My invention is intended more particularly for use at the front of the vehicle, but where the vehicle is provided with a top the shield may be secured in place by attachment to buttons, of ordinary construction,

placed at the top and bottom thereof; and for use as a wind shield with a vehicle having no top, a light frame can be provided on the vehicle to which the shield may be detachably connected, as by buttons on the frame to engage button holes in the shield, such for example, as those illustrated in the corners in Fig. 1.

Having thus described my invention what I claim is

A shield for vehicles comprising a flexible frame, a flexible transparent medium supported by said frame having an opening of

limited area, a flexible closure hinged to swing to and from said opening, and a supporting arm hinged at one end to the flexible frame having means at its other end for connection with the closure, and movable to and from a position parallel with the frame side to which it is pivoted.

In testimony that I claim the foregoing I have hereunto set my hand.

ANNA K. GILSON.

Witnesses:

C. F. CHAPMAN,  
S. M. MONTAGUE.