

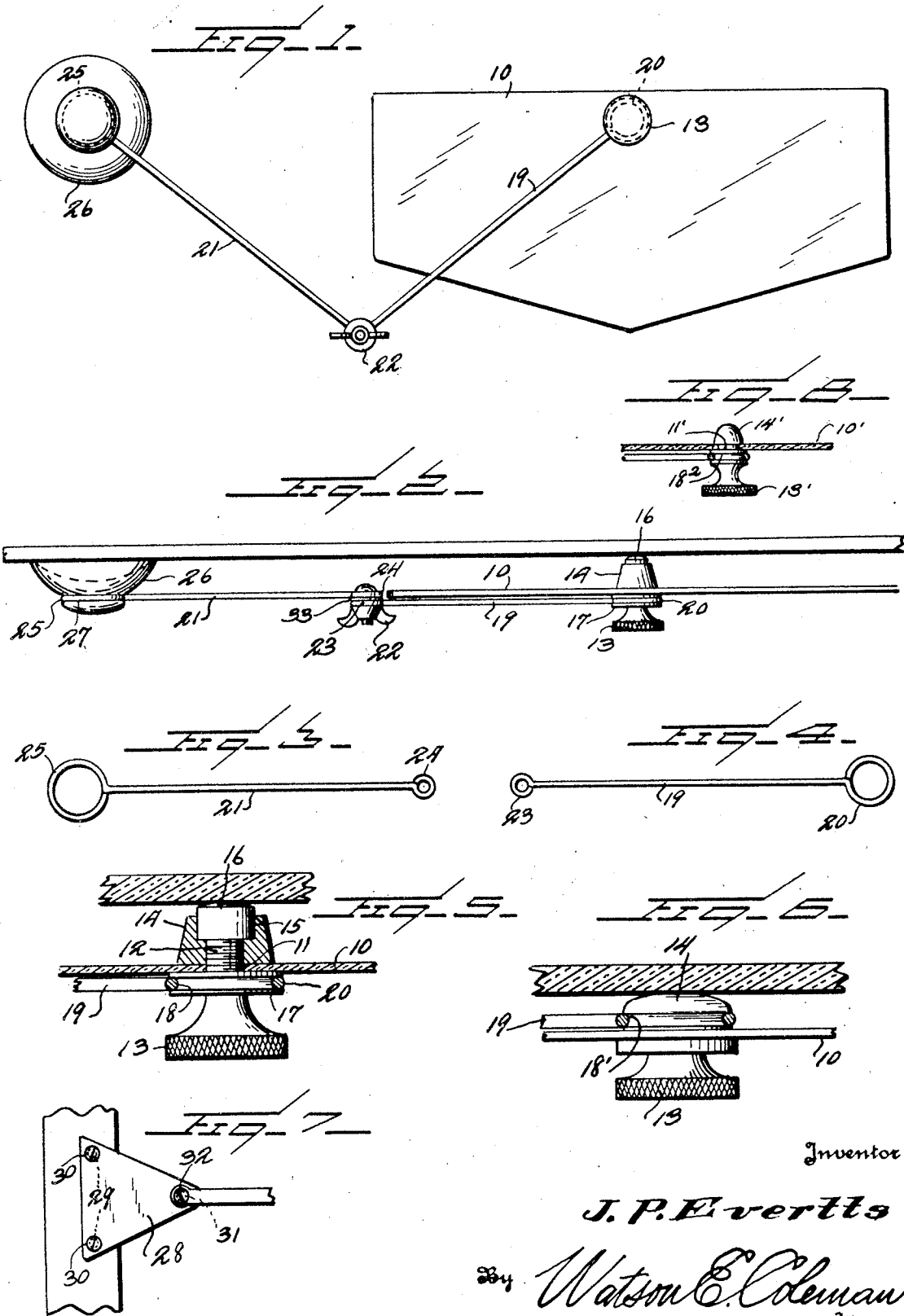
Nov. 3, 1931.

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1,829,924

ANTI-GLARE SHIELD

Filed March 8, 1930



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ANTI-GLARE SHIELD

Application filed March 8, 1930. Serial No. 434,292.

The present invention relates to anti-glare shields and more particularly to an adjustable anti-glare shield which is adapted to be mounted on the windshield structure of a motor vehicle.

An object of this invention is to provide an adjustable anti-glare shield which may be secured in any desired position on the windshield structure and which is so constructed as to be readily shifted to various positions so as to remove the glare from either the sun or headlights.

Another object of this invention is to provide in a device of this character means by which the anti-glare shield will not injure or scratch the windshield due to the vibration of the machine.

A further object of this invention is to provide an anti-glare shield which is readily and easily manufactured.

The above and various other objects and advantages of this invention will in part be described in and in part be understood from the following detailed description of the present preferred embodiment, the same being illustrated in the accompanying drawings wherein:—

Figure 1 is a detail rear elevation of a device constructed according to the preferred embodiment of this invention;

Figure 2 is a top plan view of the device;

Figure 3 is a detail side elevation of one of the link members;

Figure 4 is a similar view of another of the link members;

Figure 5 is a fragmentary enlarged sectional view of the anti-glare shield cushioning member;

Figure 6 is a fragmentary top plan view of a modification of the securing means for the anti-glare shield; and

Figure 7 is a modification of the supporting member.

Figure 8 is a fragmentary sectional view partly in detail of a further modification.

Referring to the drawings wherein like numerals of reference designate corresponding parts throughout the several views, the numeral 10 designates a shield of transparent structure, the shield 10 being preferably con-

structed of material which is adapted to diffuse or absorb the light rays of a glaring headlight or the like, and may be constructed of either glass or a cellulose material or a suitable color which will remove the glare from the bright lights and at the same time permit visibility therethrough.

The shield 10 may be constructed in any desired configuration and is provided adjacent the upper edge portion thereof with a suitable aperture 11 for receiving a bolt 12 or the like. The bolt 12 is provided with a thumb nut or knurled outer end portion 13 and a threaded nut member 14 is adapted to engage the screw 12 on the opposite side of the shield, the nut 14 being preferably on the side of the anti-glare shield adjacent the face of the windshield.

The nut 14 may be constructed of metal or the like and is preferably provided with an annular recess 15 for receiving a cushioning member 16, the cushioning member being of a size so that it will protrude outwardly from the inner end portion of the nut so that the nut will not scratch or injure the face of the windshield.

The screw member 12 is also provided with an annular flange or ring 17 which is adapted to bear against the outer face of the anti-glare shield and as shown in Figure 5, the ring or flange 17 may also be provided with an annular groove 18 for swingingly receiving a link member 19, the link member 19 being provided at one end thereof with a loop 20 which is preferably open at one end so as to provide a resilient or yieldable loop for yieldably holding the securing nut 13 in adjusted position.

As shown in Figure 6, if desired, the nut 14 may be provided with an annular groove or recess 18' so as to position the link member 19 on the inner face of the anti-glare shield 10.

A second link arm 21 is adjustably secured to the opposite end of the link 19 by means of a thumb screw 22 or the like, the opposite end of the arm 19 being provided with a loop 23 and the adjacent end of the link 21 being provided with a similar loop 24. The inner or opposite end of the link 21 is also provided

with a resilient loop 25 which is adapted to engage about a supporting member 26, the supporting member 26 having an annular groove 27 for adjustably receiving the loop 25 of the arm 21.

5 The securing member 26 is preferably constructed in the shape of a flexible vacuum cup which may be pressed against the face of the windshield, the vacuum cup being provided
10 with a grooved headed portion 27. If desired, or where the device is adapted to be mounted on a windshield frame of wooden construction or the like, the securing member 26 may be constructed in the form of a plate
15 28 which is provided with a plurality of apertures 29 for receiving screws or bolts 30, and the plate 28 may be provided with an aperture 31 for receiving a bolt 32, the bolt 32 being positioned in the looped inner end portion
20 of the link 21.

If desired, a washer 33 may be positioned between the loops 23 and 24 of the link member 19 and 21 respectively so as to facilitate adjustment of the link members.

25 In the use of this device, the supporting member 26 may be positioned on the inner face of the windshield or where the modified form of the supporting member 28 is used, the plate 28 may be mounted on one of the side
30 posts and the link member 21 adjustably positioned thereon. Where desired, the anti-glare shield 10 may be secured directly to the outer end portion of the link 21, and the link 19 omitted but preferably the link 19 is adjustably secured to the outer end portion
35 of the link 21 by means of the thumb bolt 22, and the anti-glare shield 10 positioned in the loop 20 of the link 19.

The link members 19 and 21 may be adjusted to any desired position so as to place
40 the anti-glare shield 10 in the desired position forward of the driver of the vehicle, and so that the rays of the sun, or an approaching vehicle will not produce a glare
45 so as to blind the driver.

It will be obvious that in the use of this device, when the approaching vehicle has passed, or the glare from the sun is no longer present, the anti-glare shield 10 may be
50 swung out of the way so as not to unduly interfere or be in the line of vision of the driver of the vehicle.

As shown in Figure 8, the securing member 13' may be constructed of one piece in the
55 form of a rubber or flexible securing member which is provided with an annular groove 18' and a cushioning member 14' for engagement against the outer face of the windshield. The anti-glare shield 10' may also
60 be provided with a slot 11' so that the rubber securing member 13' may be securely positioned on the shield 10'.

It will be, of course, understood that various changes and modifications may be made
65 in the details of construction and design of

the above specifically described embodiment of the invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claim.

What is claimed is:—

An adjustable anti-glare shield of the character described comprising a suction supporting member having a grooved head, a pair of link members having looped opposite end
70 portions, said link members being adjustably secured together at one end thereof, one of said link members being adjustably positioned on said grooved head, an anti-glare shield, means for securing the other of said
75 link members to said anti-glare shield, said securing means comprising a thumb bolt, a nut for said bolt, said nut having an annular recess on the inner end thereof, and a cushioning member adapted to seat in said recess and
80 to project outwardly therefrom whereby to prevent scratching of the windshield by the nut.

In testimony whereof I hereunto affix my signature.

JAMES P. EVERTTS.

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