

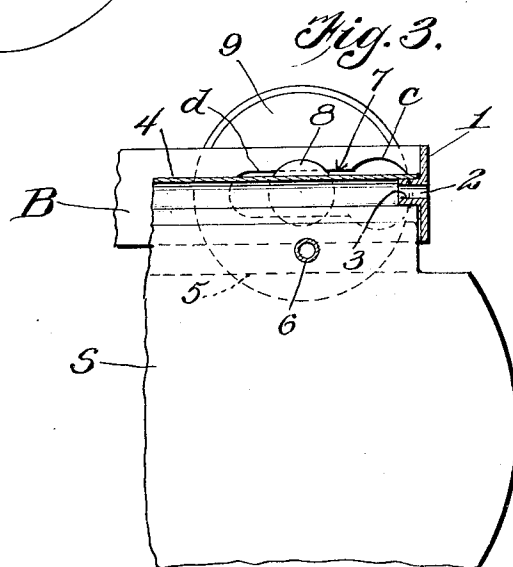
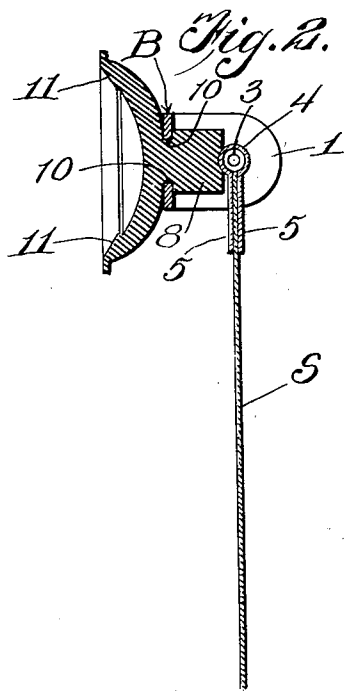
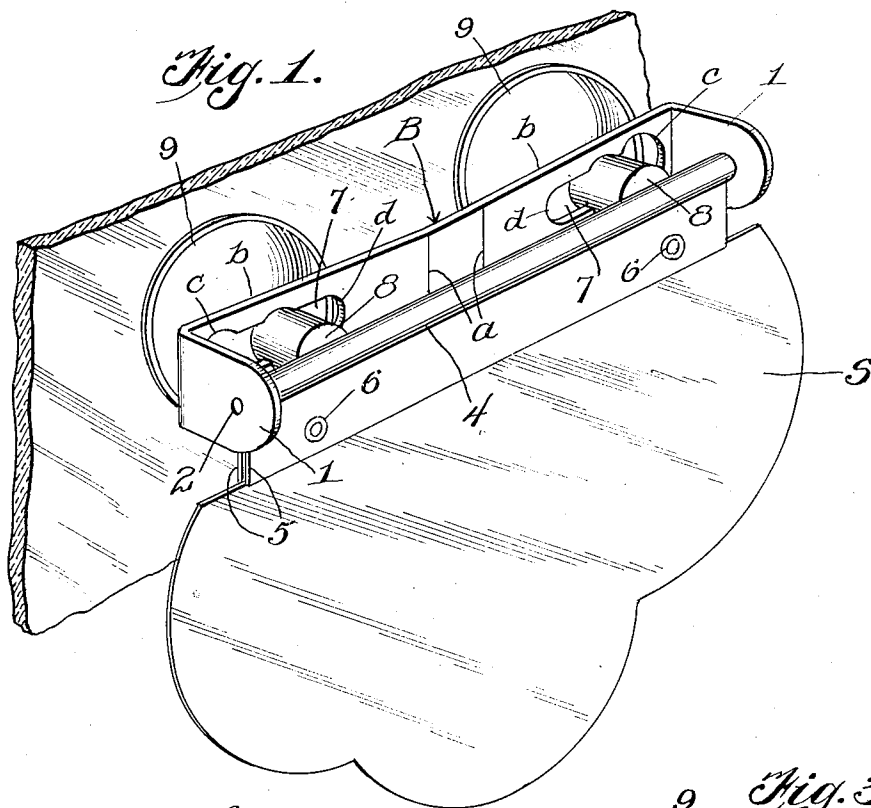
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R. DOWNING

GLARESHIELD

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UNITED STATES PATENT OFFICE.

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GLARESHIELD.

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To all whom it may concern:

Be it known that I, ROSWELL DOWNING, a citizen of the United States, residing at Oneida, in the county of Madison and State of New York, have invented certain new and useful Improvements in Glareshields, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in glare shields and it is an object of the invention to provide a novel and improved device of this general character consisting of a light obstructing shield or screen of colored, semi-opaque or opaque material adapted to be hingedly connected with the windshield of an automobile or the like together with means associated with the screen or shield for maintaining the same in its hinged connection.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved glare shield whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of my invention will hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein:—

Figure 1 is a view in perspective illustrating a glare shield constructed in accordance with an embodiment of my invention and in applied position, the associated windshield being shown in fragment;

Figure 2 is a sectional view taken through my improved glare shield as herein disclosed; and

Figure 3 is a fragmentary view partly in front elevation and partly in section illustrating a mounting for the light obstructing member.

As disclosed in the accompanying drawings, B denotes a bracket consisting of an elongated strip of material having its end portions angularly disposed to provide the ears or lugs 1, each of said ears or lugs being provided with an opening 2. The bracket B has its main or body portion disposed on an

incline from its opposite ends towards its center, the high points *a* of said inclined portion *b* being disposed in the same general direction as the ears 1.

The openings 2 are substantially defined by the inwardly disposed sleeves 3 which are received within the opposite end portions of the barrel 4. The barrel 4, as herein disclosed, is longitudinally split and has its free straight edges continued by the plates 5 between which are disposed a marginal portion of the light obstructing shield or screen S, said shield or screen being of colored, semi-opaque or opaque material. Disposed through the clamping plates 5 and the adjacent marginal portion of the shield or screen S are suitable holding or fastening means 6.

The outer end portions of the bracket B are provided with the longitudinally disposed buttonhole slots 7. The larger end portion *c* of each of said slots 7 is of a diameter to have freely inserted there-through the stem or shank 8 carried by the vacuum cup 9. The stem or shank 8 adjacent to the cup 9 proper is provided at diametrically opposed points with the grooves or channels 10 whereby the shank may be readily moved within the restricted portion *d* of the slot 7. The shank or stem 8 outwardly of the grooves or channels 10 is of a length to contact with the barrel 4 when the shank or stem is initially engaged within a slot 7 and as said shank is moved inwardly of the restricted portion *d* of the slot, the shank or stem is placed under increasing compression and thereby increasing the frictional contact of the outer end of the stem or shank with the barrel 4. By this, effective means are provided whereby the screen or shield S is maintained in its desired adjustment about its pivotal mounting as afforded by the sleeves 3 hereinbefore referred to.

Each of the vacuum cups 9 is concavo convex in form and has its peripheral portion of increased thickness, as indicated at 11, whereby durability of the cup is materially increased especially to prolong the life thereof by withstanding the deterioration of the material, such as rubber, of which the cup is made.

The vacuum cups 9 provide means whereby the device in its entirety may be secured to a windshield or the like at substantially

any point thereon so that the screen or shield may be arranged in a position to be adjusted to protect the driver against the glare from the headlights of an approaching car or the like.

From the foregoing description it is thought to be obvious that a glare shield constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and operated, and it will also be obvious that my invention is susceptible of some change and modification without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice except as hereinafter claimed.

I claim:—

1. A glare shield comprising a bracket, a shield carrying member supported by the bracket for rocking movement, a holding member engaged with the bracket for movement lengthwise of the shield carrying member, said holding member comprising a compressible part for contact with the shield carrying member, said compressible part and bracket having coacting means to increase the compression of said part upon move-

ment of the part in one direction lengthwise of the shield carrying member.

2. A glare shield comprising a bracket, said bracket having an inclined portion provided with a slot, a screen carrying member supported by the bracket for rocking movement, a holding member having a shank disposed through the slot and of a length to contact with the screen carrying member, said shank being provided with means coacting with the bracket whereby the compression of the shank is increased upon movement of the shank in one direction along the slot.

3. A glare shield comprising a bracket, said bracket having an inclined portion provided with a slot, a screen carrying member supported by the bracket for rocking movement, a holding member having a shank disposed through the slot and of a length to contact with the screen carrying member, said shank being provided at opposed points with grooves receiving the side marginal portions of the bracket defining the slot whereby the shank is placed under increasing compression upon movement of the shank in one direction within the slot.

In testimony whereof I hereunto affix my signature.

ROSSELL DOWNING.