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VIZOR STRUCTURE

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Fig. 1.

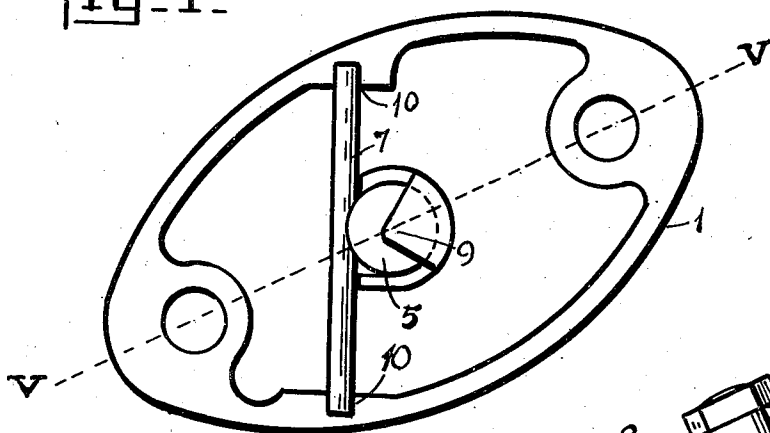
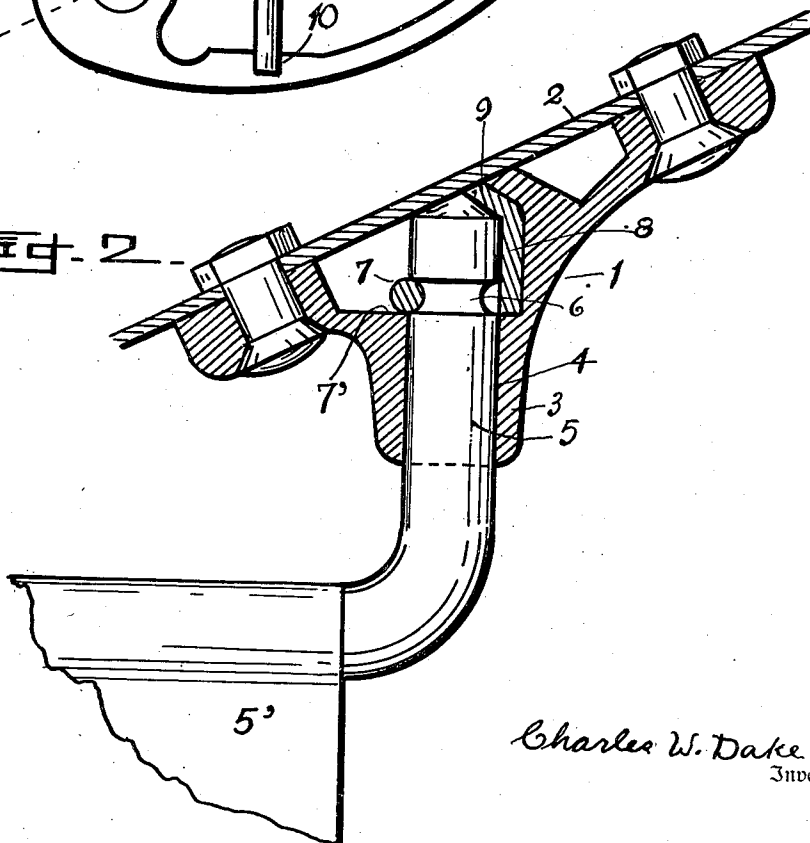


Fig. 2.



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VIZOR STRUCTURE

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3 Claims. (Cl. 248—289)

My present invention relates to improvements in vizor structures having a bracket in which is turnably supported an upwardly extending portion of a curtain supporting rod. The invention is primarily concerned with a vizor structure having a light shielding curtain supporting rod and a supporting bracket therefore that may be attached to the header member extending over the wind-shield of an automobile, motor boat, and similar vehicles. The purpose of the invention is to shield the eyes of the driver of the vehicle from undesirable and harmful light as projected from approaching vehicles at night, searchlights, or light reflected from water, snow or road pavement.

The objects of improvement are, first, to provide a vizor structure that will be simple and therefore cheap to manufacture; second, to provide a vizor structure that will be rugged and not liable to disorder; third, to provide a vizor structure that does not require cutting or piercing of the header member of the wind-shield.

I attain these named objects as well as other objects that appear from a perusal of the description when taken in connection with the accompanying drawing illustrating the structure, in which:

Figure 1 is a plan view of my vizor structure as when looking downwardly on the plane upper side of the supporting bracket.

Figure 2 is a vertical sectional view of my vizor structure taken on line V—V of Fig. 1, the movable parts being in full view.

Throughout the drawing, similar numerals refer to similar parts, and referring thereto:

Numerals 1 designates the vizor support bracket attached to the header member 2 located above the wind-shield of a vehicle; 3 a downwardly extending boss portion of the bracket 1 having therein vertically extending parallel sided cylindrical hole 4, through which extends vertically extending parallel cylindrical portion of eye-shield curtain supporting rod 5, and in which the vertically extending portion of the rod 5 may be rotated for positioning the curtain 5' to shield the eyes of the driver of the vehicle. The said vertically extending portion of rod 5 has intermediate its upper end and the lower end of boss 3 of bracket 1, annular groove 6 in which rests bar spring 7 under tension whereby the upwardly extending portion of the rod 5 is forced against the side of the cylindrical hole 4, and also against the friction shoe 8, having clip-like portion 9 extending onto and engaging the conical end of

the upwardly extending parallel portion of the curtain supporting rod 5. The shoe 8 is preferably made of steel, hardened to resist wear caused by the force exerted by the bar spring 7 against the upwardly extending portion of the rod 5, when the said rod is turned in the hole 4, the side of which forms a frictional surface for resisting turning of the rod 5 which is held by said friction in any adjusted position of the light shielding curtain 5'; and in vertical position by the bar spring 7 resting in annular groove 6 and against the surface 7' of the bracket 1 and the clip-like portion 9 of the shoe 8, and anchored in pockets 10 at each of its ends to the supporting bracket 1. The said spring having sufficient tension which, combined with friction between the upwardly extending portion of rod 5, the side of hole 4, and the clip 9, maintains the rod in adjusted position and prevents accidental turning of the rod.

Having described my invention, the rights which I desire to secure are set forth in the claims as follows:

1. In a vizor structure of the class described, comprising a supporting bracket having a base portion and a downwardly extending boss with a cylindrical parallel sided hole extending vertically therethrough, a curtain supporting rod having an upwardly extending parallel sided portion extending longitudinally through said cylindrical hole the said rod having an annular groove intermediate its upper end and the lower end of the said boss, a friction shoe supported in the bracket above the parallel sided hole and engaging the top of the curtain supporting rod and a spring anchored in said bracket and engaging the said rod in said annular groove whereby the said upwardly extending portion of the said curtain supporting rod is forced against one side of said cylindrical hole and against said friction shoe.

2. In a vizor structure of the class described, a supporting bracket having a base portion and a downwardly extending elongated boss, a parallel cylindrical hole extending axially through said boss, an eye-shield curtain supporting rod having a portion extending upward through the said cylindrical hole and having an annular groove in spaced apart relation to its upper end and intermediate the upper end and the lower end of the said boss, a spring anchored to said bracket within said base portion and forceably engaging the rod in said annular groove whereby the said upwardly extending portion of the said curtain sup-

porting rod is forced against one side of said cylindrical hole.

3. In a vizor structure, a hollow bracket having a base portion and a downwardly extending elongated boss having an upwardly extending elongated hole therethrough, an eye-shield curtain supporting rod having a portion extending upward through said elongated hole and a bar

spring member anchored at each of its ends above said hole in said bracket and engaging the said upwardly extending portion of said eye-shield curtain supporting rod whereby the said upwardly extending portion of the rod is retained in said hole and forced transversely thereof against a side of said elongated hole.

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