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1,439,313.

J. A. LANDIS.
GLARE REDUCER FOR HEADLIGHTS.
FILED MAY 20, 1920.

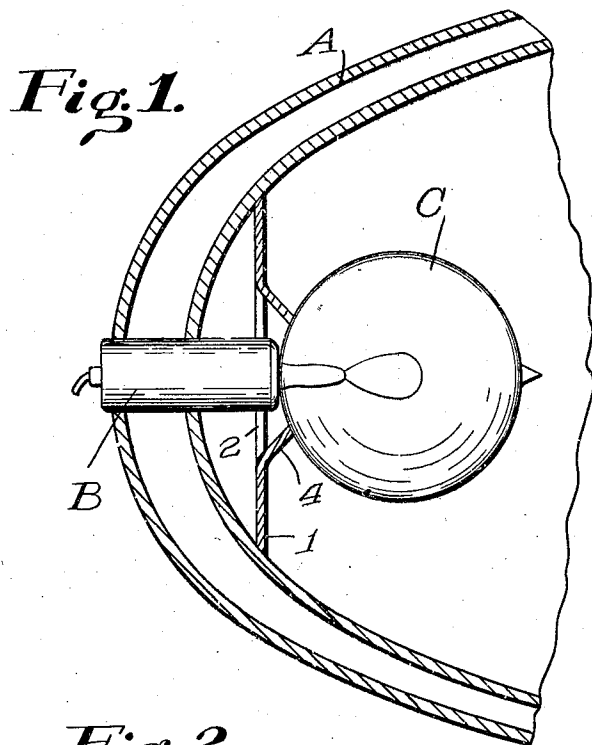
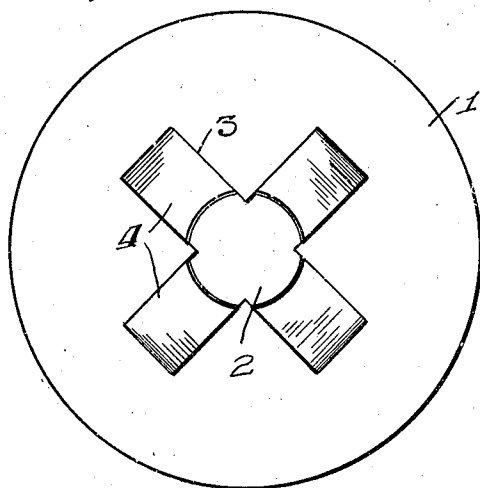


Fig. 2.



Witness

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UNITED STATES PATENT OFFICE.

JESSE A. LANDIS, OF EATON, OHIO.

GLARE REDUCER FOR HEADLIGHTS.

Application filed May 28, 1920. Serial No. 384,980.

To all whom it may concern:

Be it known that I, JESSE A. LANDIS, a citizen of the United States, residing at Eaton, in the county of Preble and State of Ohio, have invented a new and useful Glare Reducer for Headlights, of which the following is a specification.

This invention relates to glare reducers for use in connection with the headlights of automobiles and the like, one of its objects being to provide a simple and inexpensive attachment which can be placed readily in position back of the lamp in the housing and which will be held in place without the use of separate springs or other holding means.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that, within the scope of what is claimed, changes in the precise embodiment of the invention shown can be made without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings

Figure 1 is a section through a portion of a lamp housing and showing the present improvement combined therewith.

Figure 2 is a front elevation of the glare reducer.

Referring to the figures by characters of reference A designates a portion of a lamp housing of the usual construction provided with the socket B and the usual lamp C. The device constituting the present invention consists of a disk 1 of thin sheet metal, such as copper or the like, the same being provided with a central opening 2 from which extend slits 3 arranged in pairs so as to form between them tongues 4 bent outwardly from the disk. The free ends of the tongues are provided with curved edges adapted, when the tongues are flat or flush with the disk 1, to define the central circular opening 2.

In using the glare reducer the disk is

placed against the back portion of the housing and concentric with the socket B. The lamp C is then placed in position and will bear against the recessed or rounded ends of the tongues 4 as shown in Figure 1, thereby holding the disk 1 pressed firmly against the housing so that it will be held in proper position and will not rattle. As this disk is made of a dull material, the back portion of the reflecting surface of the housing will not perform its usual function and, instead, the only light rays reflected outwardly from the housing will be those directed against the reflecting surface at points in front of the disk 1.

What is claimed is:

1. A glare reducer of the class described including a disk of dull material having a central opening and tongues extending outwardly from the disk and converging, said tongues extending around the opening for engaging a lamp to hold the edge of the disk pressed yieldingly against the housing of the lamp.

2. The combination with a lamp housing, and a lamp removably mounted in the housing, of a glare reducer including a disk seated within and against the back portion of the housing, said disk having a central opening, and converging tongues struck from the disk and bearing against the lamp to hold the edge of the disk pressed yieldingly against the housing.

3. A glare reducer of the class described including a thin disk of sheet metal having a central opening with spaced slits extending radially therefrom and arranged in pairs with tongues formed between them and bent outwardly from the disk, the free ends of said tongues being curved inwardly to define the walls of the central opening and to engage the curved faces of a light bulb whereby the disk is held in operative position when in use.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JESSE A. LANDIS.

Witnesses:

RILEY PITTSINGER,
ORVILLE STANTON.