

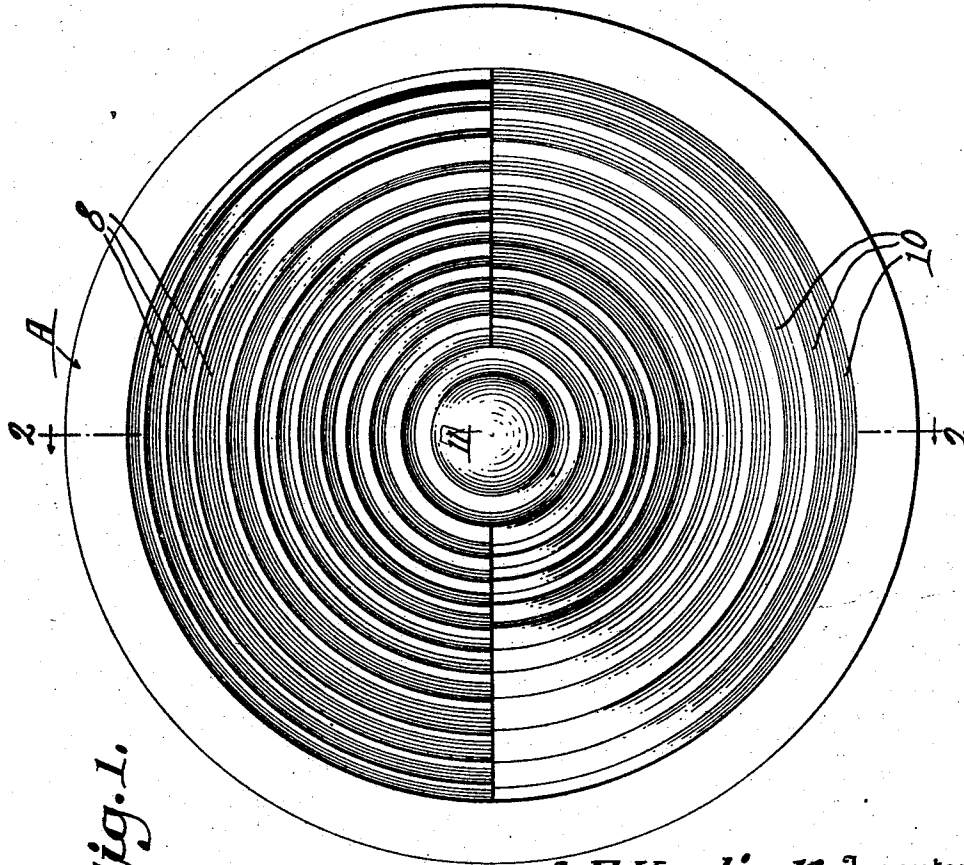
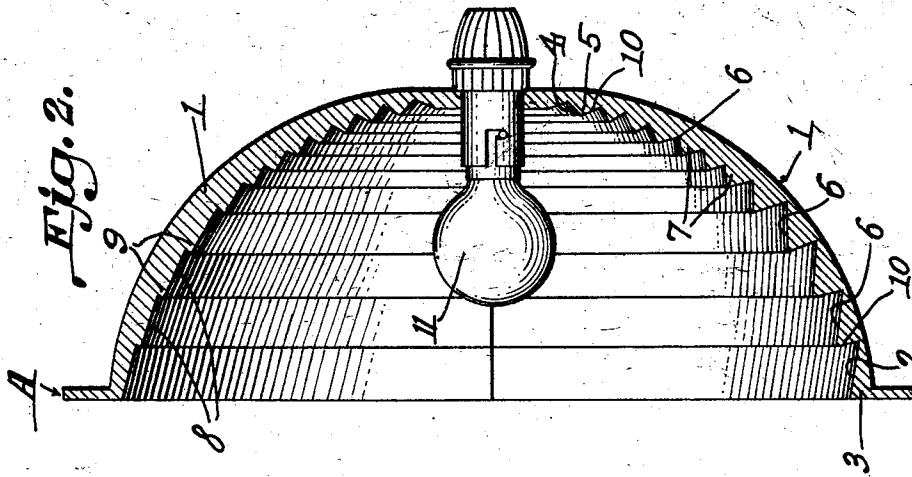
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A. F. KRALICEK

HEADLIGHT

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UNITED STATES PATENT OFFICE.

ANTON F. KRALICEK, OF BALTIMORE, MARYLAND.

HEADLIGHT.

Application filed September 30, 1925. Serial No. 59,616.

To all whom it may concern:

Be it known that I, ANTON F. KRALICEK, a citizen of the United States, residing at Baltimore, in the county of Baltimore City and State of Maryland, have invented a new and useful Headlight, of which the following is a specification.

By way of explanation, it may be stated that most automobile lamps, as at present constructed, are so made that they tend to cast a glare into the eyes of approaching pedestrians, and into the eyes of drivers of approaching vehicles.

The foregoing being understood, it is the object of the invention to provide a reflector for an automobile lamp, so constructed that the rays of light will be thrown downwardly and forwardly upon the ground, thereby avoiding any objectionable glare.

The glare proceeds, for the most part, from the lower portion of the reflector of the headlight, and this invention aims to so construct the lower part of the reflector, that the same will cast the rays backwardly and upwardly upon the upper half of the reflector, the rays being thence reflected downwardly and forwardly upon the ground, in such a way that there will be no undesirable glare.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the invention appertains.

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 changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

In the drawings:—

Figure 1 shows in front elevation, a device constructed in accordance with the invention; and Figure 2 is a section taken vertically, about on the line 2—2 of Figure 1.

That part of the reflector which is marked by the reference letter A is the top of the

reflector, and the reflector must be placed accordingly, in order to operate properly.

The reflector forming the subject matter of this application comprises a cup-shaped body 1 provided with upper and lower circumferential ribs, the inner surface 2 of the foremost lower rib 3 having a backward and outward slant, the inner surface 4 of the rearmost lower rib 5 having a forward and outward slant, and the inner surfaces 6 of the intermediate lower ribs 7 varying progressively, from the front of the body 1 toward the back thereof, from a backward and outward slant, to a forward and outward slant, all of said surfaces being so located as to reflect upwardly upon the inner surfaces 8 of the upper ribs 9, the said inner surfaces 8 of the upper ribs 9 being rearwardly and inwardly inclined, to reflect downwardly and forwardly the rays received from the inner surfaces 2 and 6 of the lower ribs.

The device is so constructed that the rays proceeding from the source 11 of light will be thrown downwardly and forwardly, the source 11 being an electric lamp, or any other kind of a lamp, disposed axially with respect to the body 1.

The reflector is further characterized by the fact that the forward surfaces 10 of the lower ribs slant backwardly and outwardly beneath the lower ribs, so that those surfaces will not throw the rays proceeding from the source 11 of light, into the eyes of those approaching the device, and, furthermore, the said surfaces 10 are so disposed with respect to the surfaces 8 of the upper ribs, that the surfaces 10 will not receive and reflect forwardly, rays derived from the said surfaces 8.

What is claimed is:—

1. A reflector comprising a cup-shaped body provided with upper and lower circumferential ribs, the inner surface of the foremost lower rib having a backward and outward slant, the inner surface of the rearmost lower rib having a forward and outward slant, and the inner surfaces of the intermediate lower ribs varying progressively, from the front of the body toward the back thereof, from a backward and outward slant to a forward and outward slant, all

of said surfaces being so located as to reflect upwardly upon the inner surfaces of the upper ribs, the said inner surfaces of the upper ribs being rearwardly and inwardly inclined, to reflect downwardly and forwardly the rays received from the inner surfaces of the lower ribs. claim 1, and further characterized by the fact that the forward surfaces of the lower ribs slant backwardly and outwardly beneath the lower ribs. 10

5 In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

2. A reflector constructed as set forth in

ANTON F. KRALICEK.