C. McKEEVER.

VEHICLE LAMP.

APPLICATION FILED JUNE 13, 1917.

1,267,884. Patented May 28, 1918.

Fig. 1

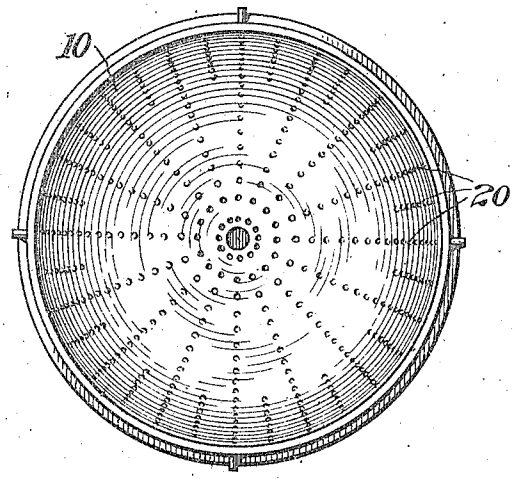


Fig. 2

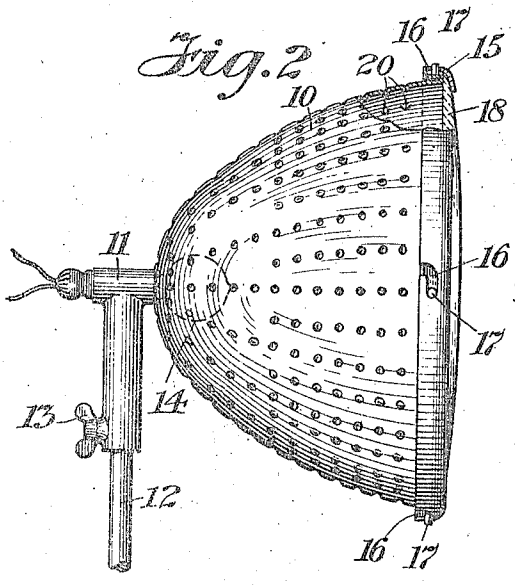
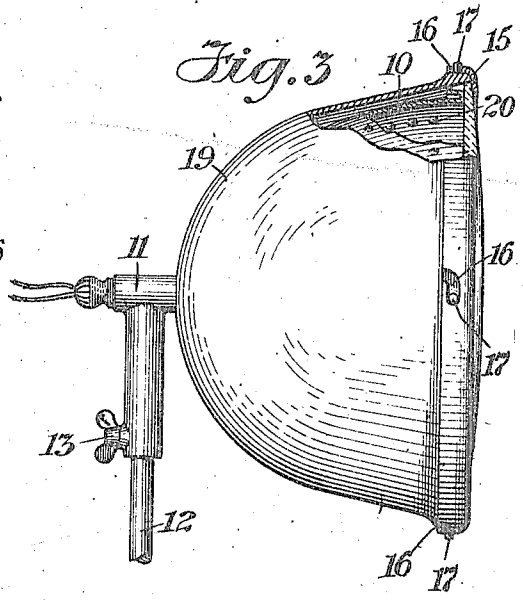


Fig. 3



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VEHICLE-LAMP.

1,267,884. Specification of Letters Patent. Patented May 28, 1918.

Application filed June 13, 1917. Serial No. 174,423.

To all whom it may concern:

Be it known that I, CHARLES McKEEVER, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented an Improvement in Vehicle-Lamps, of which the following is a specification.

This invention relates to a vehicle lamp and more particularly to a reflector forming part thereof. Heretofore vehicle lamps as commonly constructed have included a plain reflector having a polished surface together with a plain lens and as is generally known, lamps of this type make a glaring light which is so objectionable as to have become the subject of preventing legislation in many places. The object of my invention is to overcome this difficulty and in doing so I have found that by providing the surface of an ordinary reflector with either a plurality of pimples or projections, or a plurality of small recesses or indentures, the light is broken up so as to overcome the glaring effect. In carrying out my invention therefore, I employ in a vehicle lamp a reflector having a plurality of pimples or projections, or recesses or indentures placed in the surface thereof as hereinafter described.

In the drawing:

Figure 1 is a plan of a reflector made in accordance with this invention.

Fig. 2 is a side elevation and partial cross section illustrating the same in a mounted position, and

Fig. 3 is a view similar to Fig. 2 illustrating the use of the reflector in a lamp provided with an additional casing.

Referring to the drawing and particularly to Figs. 1 and 2, in carrying out this invention I employ a reflector 10 made of sheet metal or similar material and which, as shown in Fig. 2 may also be employed as the casing of the lamp. The reflector is suitably connected to a bracket 11 mounted in the post 12 and the parts fixed in place by a thumb-screw 13 or otherwise. Suitable connections are made through the bracket 11 to the lamp bulb 14 which may be secured in position in the usual or any desired manner. The reflector is provided with a rim 15 having slots 16 to receive pins 17 fixed in the periphery of the reflector in order to secure the rim 15 and the lens 18 in position.

As shown in Fig. 3, the reflector 10 may be suitably mounted in the casing 19 which in turn is fixed to the bracket 11. In this instance as will be understood, the rim 15 fits the periphery of the casing and may be secured in place thereon by the pins 17 entering the slots 16 provided therefor in the rim as described in connection with Fig. 2.

In either event and as illustrated in the drawing, the surface of the reflector is provided with series of pimples or projections 20 which as illustrated, may be placed in radial lines, or as will be understood, may be placed irregularly or in any desired manner and serve to break up the light giving the appearance of a multitude of miniature lamps or lights, and thereby preventing the glare which is ordinarily obtained by the use of a plain surface reflector. As shown in the drawing the projections in the reflecting surface may be made by denting the outer surface of the reflector in such a manner however as not to perforate the material of which the reflector is made. As hereinbefore stated however, the irregularities in the surface of the reflector may be recesses or indentures placed similarly to the pimples or projections more particularly described.

I claim as my invention:

1. In a vehicle lamp an imperforate sheet metal reflector having an outer or unpolished surface and an inner polished reflecting surface interrupted at predetermined intervals in spaced positions and in prearranged configurations by a plurality of projections made in one surface by corresponding indentations in the other surface.

2. In a vehicle lamp, an imperforate sheet metal reflector having a plurality of recesses indented in pre-arranged configuration in one surface thereof and making corresponding projections in the other surface thereof, there being an appreciable extent of uninterrupted polished reflecting surface on the inner side of the reflector between each of the said projections and its corresponding recess.

3. In a vehicle lamp an imperforate sheet metal reflector having a plurality of recesses indented in the outer surface thereof producing corresponding projections in the inner or reflecting surface thereof, said pro-

jections being arranged in radial rows emanating from the center of the reflector.

4. In a vehicle lamp an imperforate sheet metal reflector having a plurality of recesses indented in the outer surface thereof producing corresponding projections in the inner or reflecting surface thereof, certain of said projections being arranged in radial rows emanating from the center thereof while other projections are arranged in relatively short intermediate rows adjacent the outer edge of the reflector.

Signed by me this 23rd day of April 1917.

CHARLES McKEEVER.