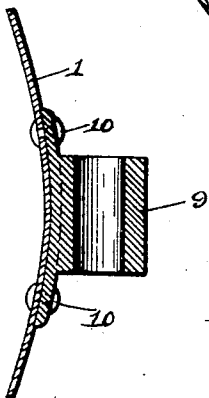
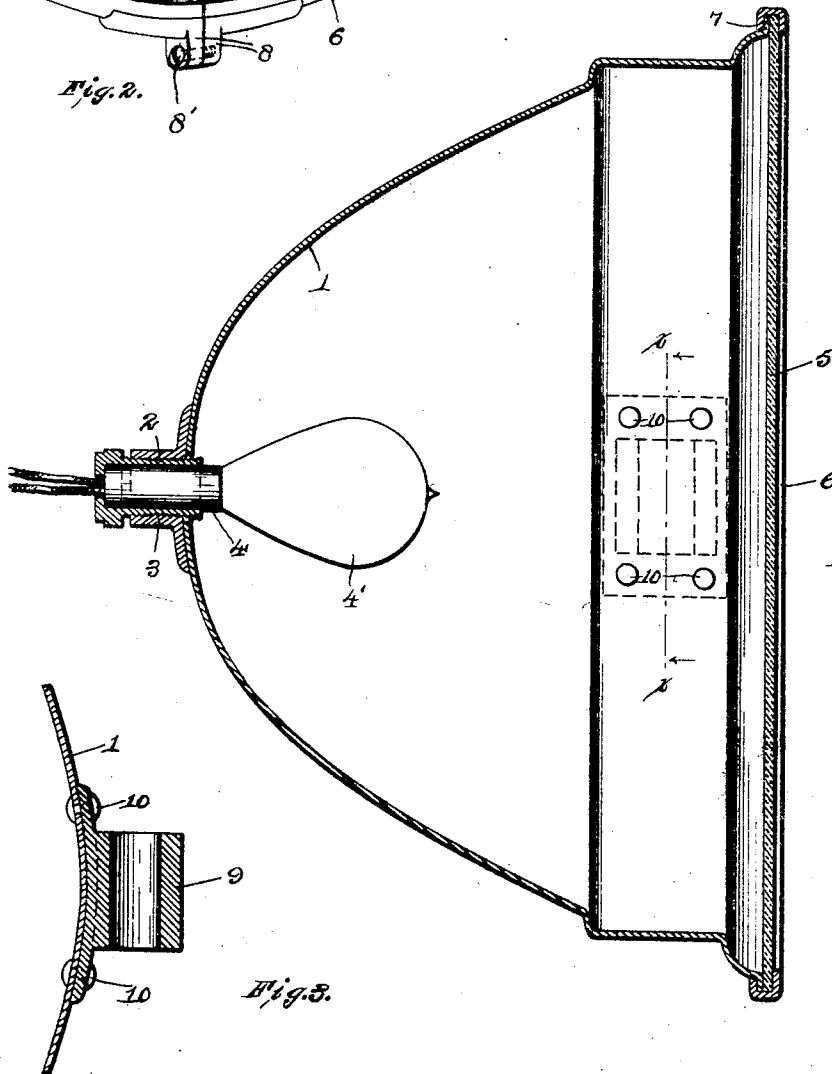
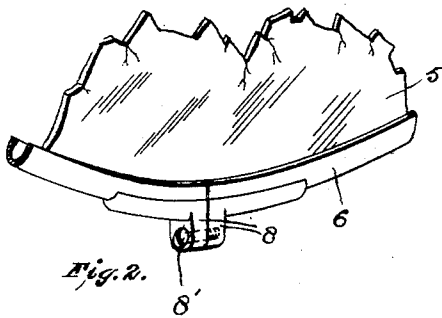


J. E. ALLEN.
 VEHICLE LAMP.
 APPLICATION FILED DEC. 1, 1911.

1,054,162

Patented Feb. 25, 1913



Witnesses:
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UNITED STATES PATENT OFFICE.

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VEHICLE-LAMP.

1,054,162.

Specification of Letters Patent.

Patented Feb. 25, 1913.

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To all whom it may concern:

Be it known that I, JOSEPH E. ALLEN, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Vehicle-Lamps, of which the following is a specification.

My invention relates to improvements in vehicle lamps and more specifically to electrically lighted lamps of this character which are designed especially for use as headlights.

The object of my invention is the production of a vehicle lamp of the character mentioned, which will be of durable and economical construction and of high efficiency in use.

Other objects will appear hereinafter.

With these objects in view my invention consists in the construction and arrangements of parts hereinafter described and claimed.

My invention will be best understood by reference to the accompanying drawings forming a part of this specification and in which,

Figure 1 is a central section of a vehicle lamp embodying my invention. Fig. 2, is a detail perspective of a fragment of the lamp showing the means of securing the glass fastening channel ring upon the body of the lamp, and Fig. 3 is a sectional detail taken on substantially line *x-x* of Fig. 1.

The preferred form of construction as illustrated in the drawings comprises a body 1 which is formed of metal, said body being spun from a single piece of material into substantially parabolic conformation as shown. Arranged at the apex or rearward end of the body 1 is a socket 2 which is in screw-threaded connection with a nipple 3 provided for the reception thereof upon said body, the adjacent portion of the latter being provided with an opening to permit of the passage of said socket, as clearly shown in Fig. 1. Mounted in the socket 2 is a plug 4 of an ordinary electrical lamp, 4' indicating the globe thereof, said plug being frictionally held in said socket so as to permit of ready detachment thereof if desired. The rearward side of the socket 2 is perforated in order to permit of the passage of the conductor wires which lead to

and from the plug 4. The electric light is thus axially positioned in body 1, adjustment thereof axially of said body being effected by rotation of the socket 2; the rearward end of the latter projecting exteriorly and being knurled for manual engagement to effect such rotation of said plug. This adjustment which is afforded the electric light evidently provides means for focusing the lamp which is of great advantage as will be appreciated by those skilled in the art.

The front or mouth end of the body 1 is closed by a suitable transparent closure 5 preferably formed of glass, said closure being securely held in position by means of a split channel ring 6 which engages the periphery of said closure and a circumferential flange 7 formed at the mouth of the body 1. The ends of the rings 6 are provided with lugs 8 which are connected by a screw 8', the latter evidently affording means of tightening the securing ring to operative position.

The mouth portion of the lamp adjacent the flange 7 is offset outwardly and cylindrically formed as shown to lend strength and durability to the construction, it being clear that with this construction annular shoulders are formed at the mouth of the lamp body which will prevent ready bending or distortion. Also, with this construction a surface is presented to which support-engaging sockets 9 may be secured. The support-engaging sockets 9 are arranged at opposite sides of the lamp, the same being secured in position preferably by means of rivets 10.

The lamp of the construction above set forth is durable and extremely simple and economical so that the same may be manufactured at an exceedingly low cost. The lamp is of neat and finished appearance and because of the focal adjustment afforded is highly efficient in use. The focal adjustment as will be observed may be effected from the exterior of the lamp, it being unnecessary to open the body, that is, to remove the closure 5.

In the operation of the lamp, then, it will be observed that it is unnecessary to enter the interior of the lamp. This being so after the interior of the lamp and of the glass 5 have been once cleaned and the glass secured in position, the same will remain in

this condition since dust or other foreign matter will not be permitted to enter. Further, the lamp is adapted for use in the same capacity as lamps of a more complicated and expensive construction, such as generally are in use at the present time, and is of high efficiency in operation.

While I have illustrated and described the preferred construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the exact details of construction as set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. A lamp comprising a substantially parabolic body open at its front side; a transparent covering on the front of said

body; a threaded nipple arranged centrally at the rear of said body; a socket threaded in said nipple; and an electric light bulb having a plug frictionally fitting said socket member, substantially as described.

2. A lamp comprising a substantially parabolic body open at its front side; a transparent covering for the front of said body; a threaded nipple arranged at the rear of said body; a socket member threaded in said nipple and provided with an end plate having an opening in its outer end to permit the passage of wires; and an electric light bulb having a plug frictionally fitting said socket member, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSEPH E. ALLEN.

Witnesses:

JOSHUA R. H. POTTS,
HELEN F. LILLIS.