

W. T. JONES.
LAMP.
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1,012,647.

Patented Dec. 26, 1911.

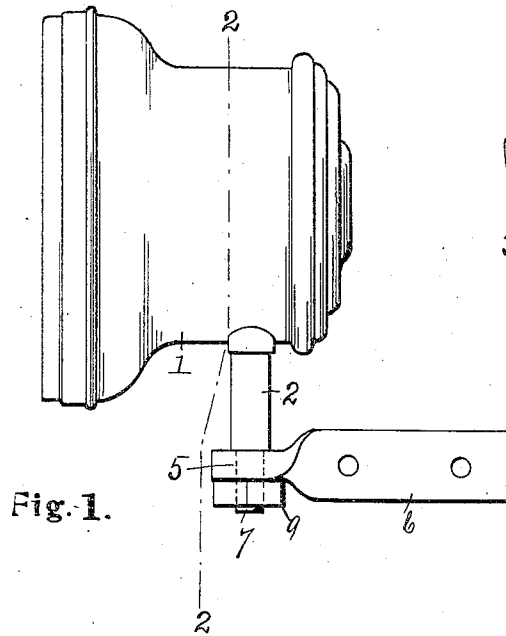


Fig. 1.

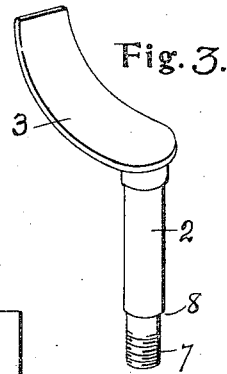


Fig. 3.

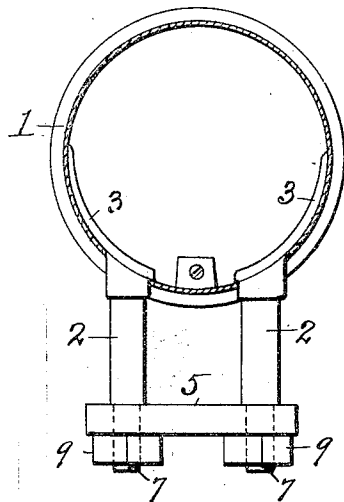


Fig. 2.

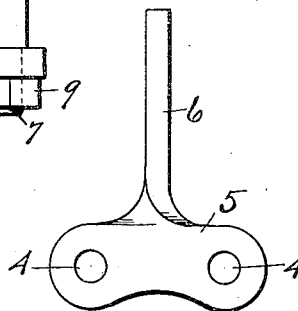


Fig. 4.

Witnesses

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UNITED STATES PATENT OFFICE.

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LAMP.

1,012,647.

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To all whom it may concern:

Be it known that I, WILLIAM T. JONES, a citizen of the United States, residing at Detroit, in the county of Wayne, State of Michigan, have invented certain new and useful Improvements in Lamps; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to lamp structures, and consists in the association and arrangement of parts hereinafter more fully set forth and pointed out in the claim.

The object of the invention is to provide simple and efficient means for mounting lamps used in connection with automobiles upon their supporting brackets in a manner to insure rigidity and security, and at the same time minimize the expense; the arrangement being such as to simplify the operation of attaching the lamp and facilitate such operation.

The above object is attained by the structure illustrated in the accompanying drawings, in which:—

Figure 1 is an elevation of a lamp body made in accordance with my invention mounted on its supporting bracket. Fig. 2 is a transverse section as on line 2—2 of Fig. 1. Fig. 3 is a perspective view of one of the double standards shown in Fig. 2. Fig. 4 is a plan view of the bracket shown in Figs. 1 and 2.

Referring to the characters of reference, 1 designates the body of the lamp in the form of a cylindrical sheet metal shell. It has heretofore been the custom to provide lamp bodies with projecting lugs on the sides thereof, which are apertured to receive the tines of the supporting fork, that are secured therein by set screws threaded in said lugs. In most instances the forks are provided with threaded stems which pass through the apertures in the supporting bracket and are fastened by nuts which screw thereon. This arrangement is objectionable because of the necessity of providing the body of the lamp with the side lugs just described which offer unsightly and awkward projections on said body that materially interfere with the

cleaning of the lamp and which are further objectionable because of the fact that a variation in the size of the lamp will oftentimes make difficult the attachment of the forks thereto, requiring fitting and adjustment.

By reason of my invention I am able to do away entirely with the side lugs on the lamp body and with the separate supporting forks. In carrying out my invention I pierce the wall of the lamp body on the lower side to permit of the passage of the standards 2 therethrough which are adapted to stand in transverse parallel relation. The inner end of each standard is provided with a relatively thin plate 3 which is curved concentric with the wall of the lamp body so as to lie closely in contact therewith, said plate being secured to the body wall in any suitable manner, preferably by soldering, as this means of attachment does not show upon the exterior surface of the lamp. The standards 2 at their upper ends closely fill the openings in the wall of the lamp through which they pass and the distance between said apertures is such as to correctly space said standards so that their lower ends will readily pass through the apertures 4 in the head 5 of the bracket 6 which is adapted to be bolted to the frame of the car, not shown. The brackets 6 are of standard make, the distance between the holes 4 being in all cases uniform so that a lamp provided with the standards 2 as shown, spaced in accordance with the distance between the holes 4 in said bracket, becomes at once a standard lamp which is always ready to be fitted to any of the standard brackets. It will be noted that the end portions of the standards which pass through the apertures 4 of the bracket are reduced and threaded, as shown at 7, and that above said reduced threaded portion there is provided a shoulder 8 which rests upon the upper face of the head 5 of the bracket, said standards being firmly secured in place by means of the nuts 9 which screw onto the threaded depending ends thereof against the under face of said head.

By securing the supporting standards to the inner face of the lamp body, as herein shown, the exterior surface of the lamp is relieved from all projections, leaving it clean and smooth. By means of the relatively wide plate carried by the upper end

of the attaching standards which extend onto the inner wall of the lamp body a considerable distance from the openings therein through which the standards pass, said wall is materially strengthened and a very secure and rigid construction is afforded.

Having thus fully set forth my invention, what I claim as new and desire to secure by Letters Patent, is:—

10 A lamp structure comprising a cylindrical body provided with apertures in its lower wall spaced a predetermined distance apart, a plurality of standards for the lamp passing through said apertures and disposed in
15 parallel relation transversely of the lamp body, said standards being adapted to be mounted in a supporting bracket and each

standard having at its inner end a relatively wide curved plate extending laterally therefrom in the arc of a circle concentric with the inner curved face of the body of the lamp, said plate being of such diameter as to contact the inner face of the lamp body around the aperture therein through which the standard passes, and means for securing said plates rigidly to the inner face of the body of the lamp to fix said standards in properly spaced relation. 20 25

In testimony whereof, I sign this specification in the presence of two witnesses.

WILLIAM T. JONES.

Witnesses:

O. B. BAENZIGER,
I. G. HOWLETT.