W. S. BOND.

VEHICLE LIGHT.

APPLICATION FILED JULY 2, 1909.

964,379. Patented July 12, 1910.

Fig. 1.

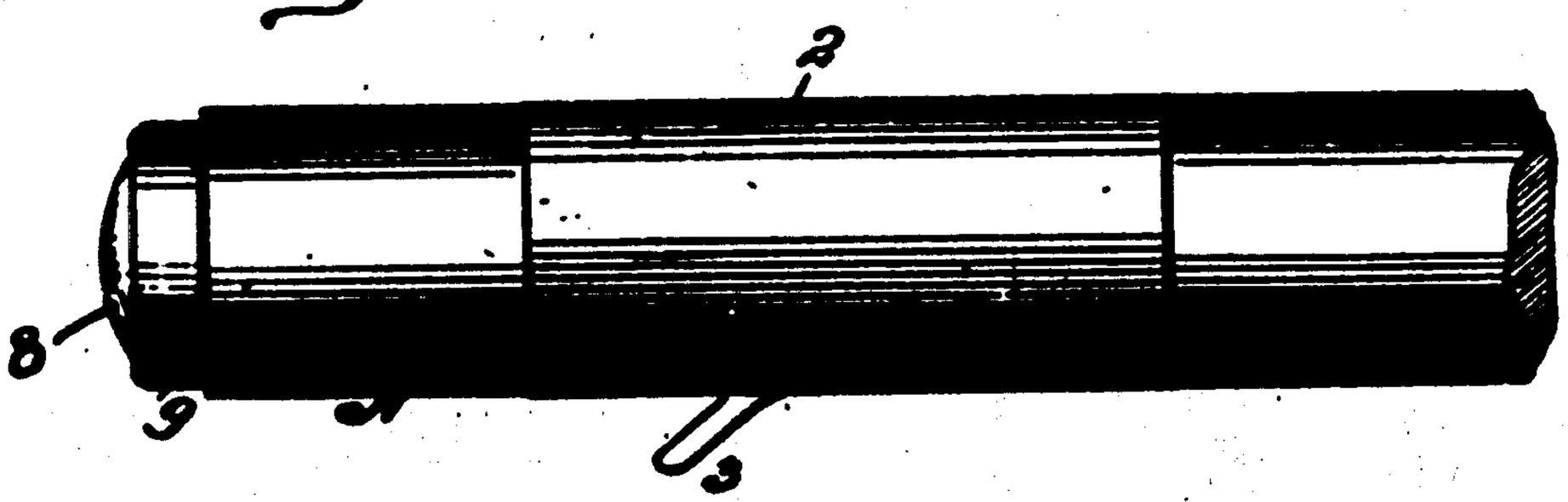
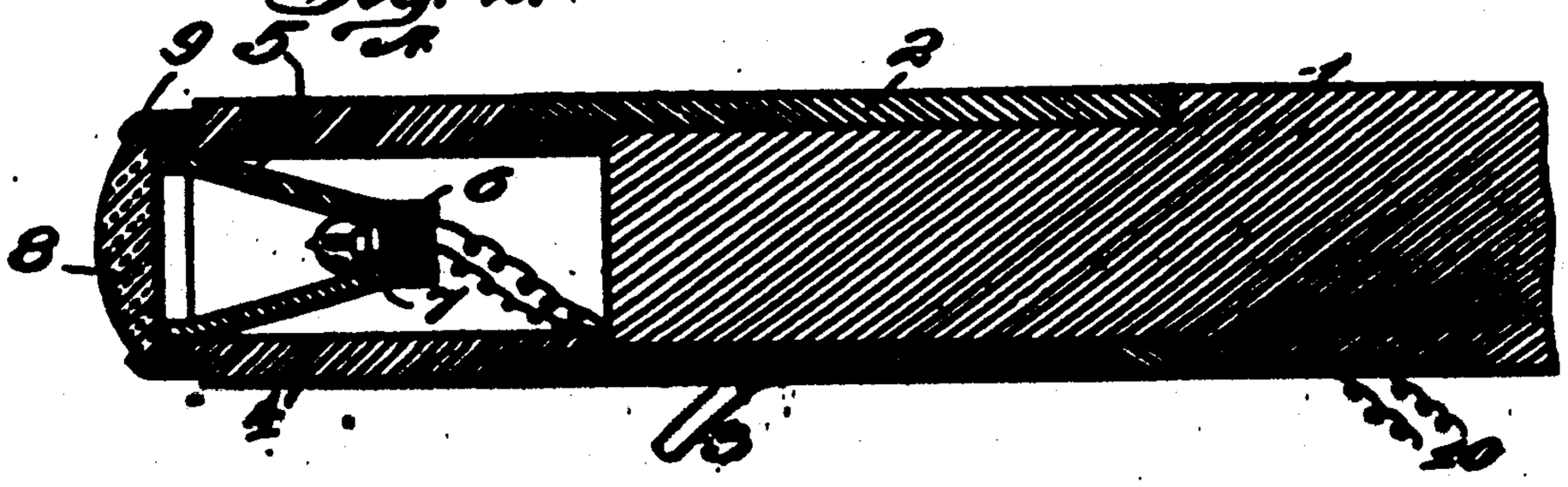


Fig. 2.



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UNITED STATES PATENT OFFICE.

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VEHICLE-LIGHT.

964,379. Specification of Letters Patent. Patented July 12, 1910.

Application filed July 2, 1909. Serial No. 505,663.

To all whom it may concern:

Be it known that I, WILEY S. BOND, a citizen of the United States, residing at Lincoln, in the county of Lincoln and State of Kansas, have invented new and useful Improvements in Vehicle-Lights, of which the following is a specification.

The purpose of the present invention is to provide a light which may be attached directly to the pole or tongue of vehicles so as to light the roadway in advance of the team thereby avoiding the objectionable features incident to vehicle lights attached directly to the body thereof.

In accordance with this invention it is proposed to devise a novel form of electric light either of the flash type or designed to give a continuous illumination and which may be applied directly to the pole or tongue of the vehicle and is at all times under the control either of the driver or the occupant of the vehicle so that the light may be flashed or extinguished at will.

The invention contemplates peculiar mountings whereby the lamp may be attached to the pole so that the lamp may be in line with the pole or located above or below the same as may be found most convenient in adapting the invention to the special application.

The invention consists of the novel feature, details of construction and combinations of parts, which hereinafter will be more particularly set forth, illustrated and finally claimed.

Referring to the drawings forming a part of the specification: Figure 1 is a side view of the front portion of a pole provided with a lamp embodying the invention. Fig. 2 is a vertical central longitudinal section thereof.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The numeral 1 designates the pole or tongue of a vehicle and may be of any design or construction. The lamp may be located in line with the pole or tongue and forward thereof as indicated in Figs. 1 and 2.

The reference letter A indicates the lamp which is connected to the pole or tongue by means of a holder. As indicated in Figs. 1 and 2 the holder consists of a sleeve 2 fitted upon the end of the pole and constituting the usual pole tip for reinforcing the extremity of the pole and provided with the usual projecting means 3 for engaging with the neck yoke center to retain the same in proper position. The lamp A is fitted to the sleeve or pole tip 2 and as indicated in Fig. 2 is preferably connected therewith by means of a screw thread joint whereby said lamp may be readily removed for any purpose.

The lamp as indicated most clearly in Fig. 2 comprises a hollow body or casing 4 having its end portions exteriorly threaded. A conical shell 5 is fitted within the forward portion of the hollow body 4 and its inner end has a tubular extension 6 which is internally threaded to receive the socket of an incandescent electric lamp 7. The conical shell 5 is secured within the hollow body 4 in any manner preferably by means of a screw thread joint. The inner walls of the conical shell 5 are finished to provide a reflecting surface for projecting the rays of light from the lamp 7. A lens 8 is provided at the front end of the lamp and bears against the front end of the hollow body 4, and conical shell 5, a clamp ring 9 serving to secure the lens after the parts have been properly assembled, said clamp ring being fitted to the hollow body 4 by means of a screw thread connection.

The battery or other source for supplying current to the lamp 7 may be conveniently located upon the vehicle and it is to be understood that a suitable circuit closer such as a button or switch is to be provided for completing the circuit when it is required to have the lamp lighted. The wires 10 leading from the lamp 7 may extend to any convenient position upon the vehicle as will be readily understood.

From the foregoing description, taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claim appended hereto.

Having thus described the invention, what is claimed is—

In combination, a vehicle pole, a tip fitted to the end thereof and having a projecting portion formed with a screw thread, a hollow body threaded to the projecting end of the pole tip, a conical shell fitted within the forward portion of the hollow body and constituting a reflector, an electric lamp fitted to the inner end of the conical shell, and a lens fitted to the forward end of the said hollow body.

In testimony whereof I affix my signature in presence of two witnesses.

WILEY S. BOND.

Witnesses:
G. E. HUTCHISON,
S. H. BRUNT.