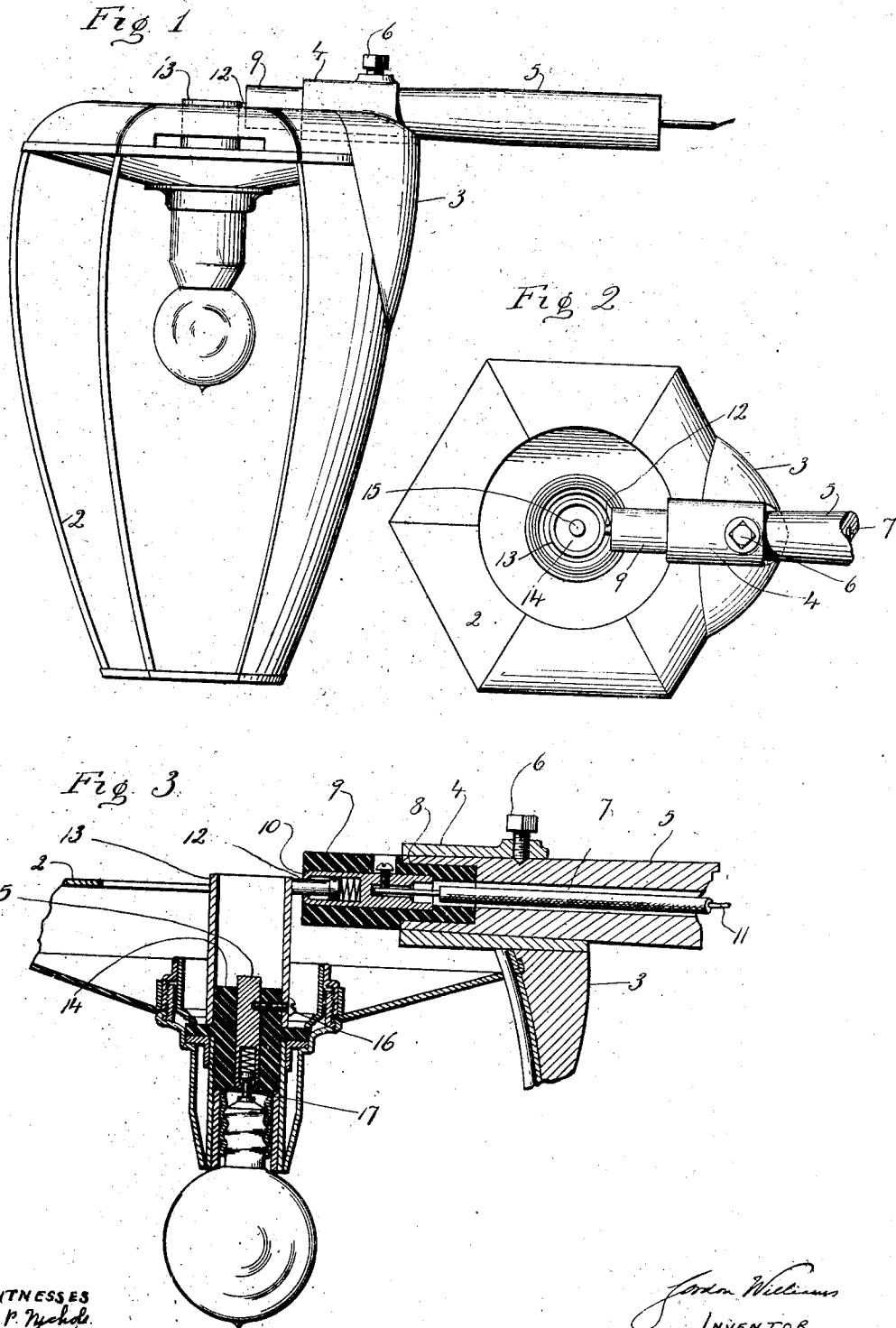


G. WILLIAMS.
ELECTRIC LAMP AND SUPPORTING BRACKET THEREFOR.
APPLICATION FILED AUG. 21, 1912.

1,040,080.

Patented Oct. 1, 1912.



WITNESSES
M. P. Nichols
C. L. Stead

John Williams
INVENTOR
By *Seymour and Son*
ATTORNEYS

UNITED STATES PATENT OFFICE.

GORDON WILLIAMS, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO THE ENGLISH & MERSICK CO., OF NEW HAVEN, CONNECTICUT, A CORPORATION.

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1,040,080.

Specification of Letters Patent.

Patented Oct. 1, 1912.

Application filed August 21, 1912. Serial No. 716,153.

To all whom it may concern:

Be it known that I, GORDON WILLIAMS, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Electric Lamps and Supporting-Brackets Therefor; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this application, and represent, in—

Figure 1 a side view of an electric lamp and supporting bracket therefor, constructed in accordance with my invention. Fig. 2 a top view of the same. Fig. 3 a broken view in vertical section of the upper portion of the lamp body and outer end of the bracket showing electrical connections between them.

This invention relates to an improvement in electric lamps and supporting brackets therefor, and particularly to electric lamps for vehicles in which one pole of the circuit is made through the lamp body and supporting bracket, and the other by a wire leading through the bracket, and is an improvement on the invention shown and described in Letters Patent of the United States No. 1,030,955 granted July 1st, 1912.

In my prior patent, while one pole of the circuit was made through the body of the lamp and supporting bracket therefor, it was necessary to employ a wire leading from the lamp to the bracket.

The object of this invention is to make the connection more directly with the lamp and avoid wiring the lamp body; and the invention consists in the construction hereinafter described and particularly recited in the claims.

In carrying out my invention, I employ a lamp-body 2 of any approved design provided near its top with a socket plate 3 carrying a socket 4 adapted to be passed over the horizontal arm 5 of a supporting bracket. Entered through the socket is a set screw 6 for clamping the lamp to the bracket. Extending through the horizontal arm 5 is a longitudinal hole 7 formed in its outer end with a chamber 8 to receive an in-

ulating block 9. In this block is a metal bushing 10 to the rear end of which a wire 11 is attached, this wire leading through the bracket to a battery, not shown. In the outer end of the bushing is a spring-operated pin 12 which normally projects beyond the end of an insulating block 9, and is adapted to strike one side of a sleeve 13 secured in the top of a lamp from which it is insulated by a block 14, this block 14 containing a centrally arranged metallic housing 15 electrically connected with the sleeve by a screw 16 or otherwise, and containing a spring pin 17 making contact with one pole of the lamp, the other pole, as before stated, being through the lamp body and to the bracket, and thence through other metal portions of the vehicle to which the bracket is attached.

It will be understood without illustration, that the top of the lamp body may be finished with any suitable ornamental cap to inclose the upper end.

The lamp is supported on the bracket, and when passed onto the horizontal arm to a sufficient extent, the spring pin 12 will come to a bearing against the sleeve 13 and so close the circuit through the lamp.

I claim:—

1. In a device of the class described, the combination with a lamp bracket having a horizontal arm with a longitudinal opening through it, a contact pin normally projecting beyond the outer end of the horizontal arm and insulated therefrom, a wire electrically connected with said pin and extending through said arm, of a lamp having a socket at its upper end adapted to set onto the horizontal arm of the bracket whereby the lamp is supported, said lamp including a sleeve insulated from the lamp body but electrically connected with one pole of the lamp, said sleeve adapted to contact with the contact pin carried by the bracket.

2. In a device of the class described, the combination with a bracket having an opening through it, a contact pin mounted in the end of said bracket beyond which it projects and from which it is insulated, a wire connected with said pin and extending through said bracket, of a lamp adapted to be supported by said bracket, one pole of the lamp being through the body of the lamp and said

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bracket, and a contact insulated from the body and electrically connected with one pole of the lamp, said contact projecting upward in position to be engaged by the said contact pin when the lamp is engaged with the bracket.

In testimony whereof, I have signed this

specification in the presence of two subscribing witnesses.

GORDON WILLIAMS

Witnesses:

FREDERIC C. EARLE,
CLARA L. WEED.