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C. F. LOVELL.
GLOBE SOCKET FOR GAS FIXTURES.
APPLICATION FILED MAR. 28, 1904.

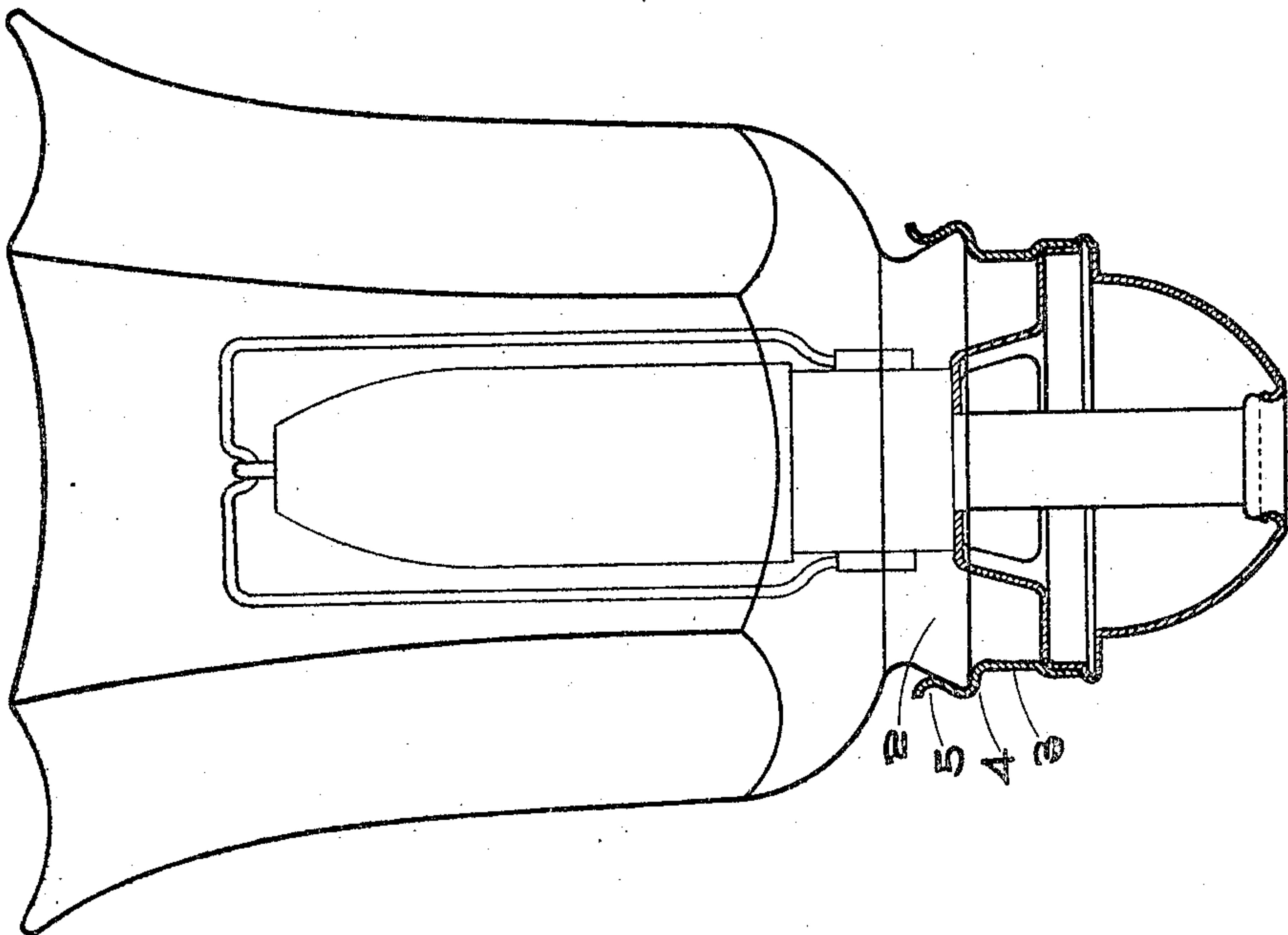


FIG. 2.

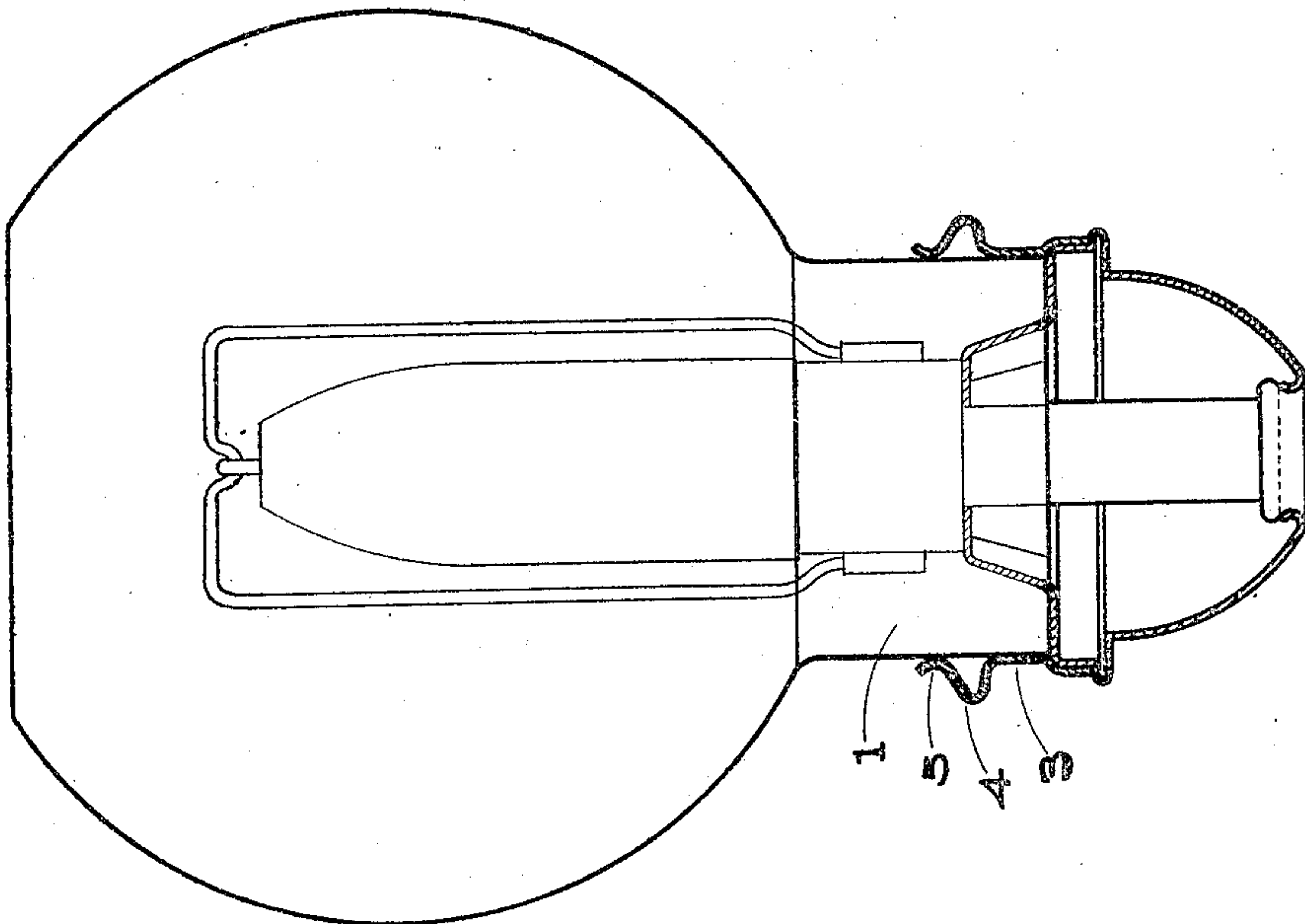


FIG. 1.

WITNESSES

Wm B. Miller
C. Hays

INVENTOR

CHARLES E. LOVELL
BY *Edward R. Imman*
ATTORNEY

UNITED STATES PATENT OFFICE.

CHARLES F. LOVELL, OF FRANKLIN, PENNSYLVANIA.

GLOBE-SOCKET FOR GAS-FIXTURES.

No. 798,054.

Specification of Letters Patent.

Patented Aug. 22, 1905.

Application filed March 28, 1904. Serial No. 200,386.

To all whom it may concern:

Be it known that I, CHARLES F. LOVELL, a citizen of the United States, residing at Franklin, in the county of Venango and State of Pennsylvania, have invented certain new and useful Improvements in Globe-Sockets for Gas-Fixtures, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improved globe-socket for gas-fixtures, and will be fully understood by a reference to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a central vertical section of my improved socket, showing a globe of a common type, such as is used in gas-light fixtures, in place therein. Fig. 2 is a central vertical section of my improved socket, showing in place therein a globe such as is commonly used on electric-light fixtures.

From an inspection of said drawings it is readily perceived that the object of my invention is to provide a socket which will readily receive and practically retain globes of the differing bottom or sleeve conformation, such as those shown in the drawings.

Globes for gas-lights are invariably made with a straight sleeve 1 at the bottom, and the socket of the fixture which receives it is a straight socket, with the exception of a certain amount of flare at the top, and while such sockets differ as to ornamentation they are all uniform and standard as to the matter of being made to receive the globe with the straight sleeve or such a globe as is shown in Fig. 1. I have found that it is very desirable to have a socket which is equally well adapted to receive a globe of the conformation shown in Fig. 2. This globe has a flaring sleeve 2 at the bottom in place of the straight sleeve, and so far as this feature is concerned it is the standard form of electric-light globe or shade, and all electric-light globes will be found to be uniform in this particular.

It is a well-known fact that many of the lighting-fixtures of the present day are the "combination" fixture adapted to both gas and electric light, and it is sometimes difficult to procure globes which will match as to ornamentation and design and at the same time be provided in both forms of sleeve. Another matter of great consideration to the dealer in

such goods is the fact that where a socket can be provided which will accommodate either form of globe it is not necessary for him to carry so large a stock in order to be able to meet the demand of the trade.

I attain the object of my invention in the following manner: The lower part of my socket is made straight and of such internal diameter as to receive the sleeve of the usual form of gas-globe. At a short distance above the bottom of the socket the metal is swaged or carried outward and again returned to the original diameter, so that a bead or groove is formed at 4, and the upper end of the socket is flared at 5 for the purpose of facilitating the entrance of the globe. The inner diameter of the socket at bead 4 substantially coincides with the outside diameter of sleeve 2 of an electric shade or globe, and when such a globe is in position in my socket the bottom of the sleeve rests in bead 4 and will be retained in position thereby, as shown in Fig. 2. By an inspection of Fig. 1 it will be noted that the sleeve of a gas-light globe or shade rests upon the bottom of the socket.

My socket is made flexible in the usual way, which is by dividing the metal of which it is composed into a number of sections or fingers, and the conformation above set forth enables said sections to retain a globe with a flared sleeve without the coöperation of any additional means, such as a set-screw or other like means, and the particular conformation above set forth constitutes the essential feature of my invention.

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

A globe-socket for gas-fixtures having a straight lower portion and a beaded upper portion, the whole of said socket constituting means for the reception of a globe with a straight sleeve, and the upper, or beaded portion of said socket, constituting means for the reception of a globe with a flared sleeve, substantially as shown.

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

CHARLES F. LOVELL.

Witnesses:

T. C. WELSH,
W. L. WEST.