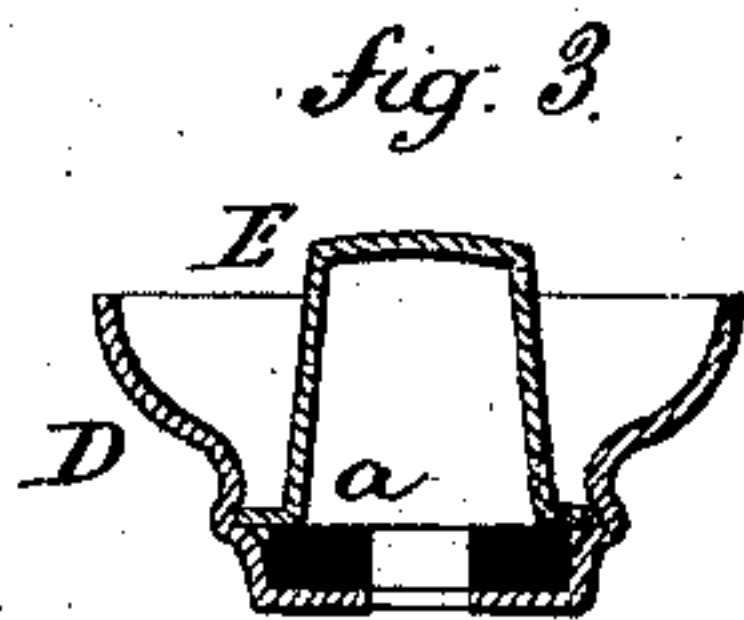
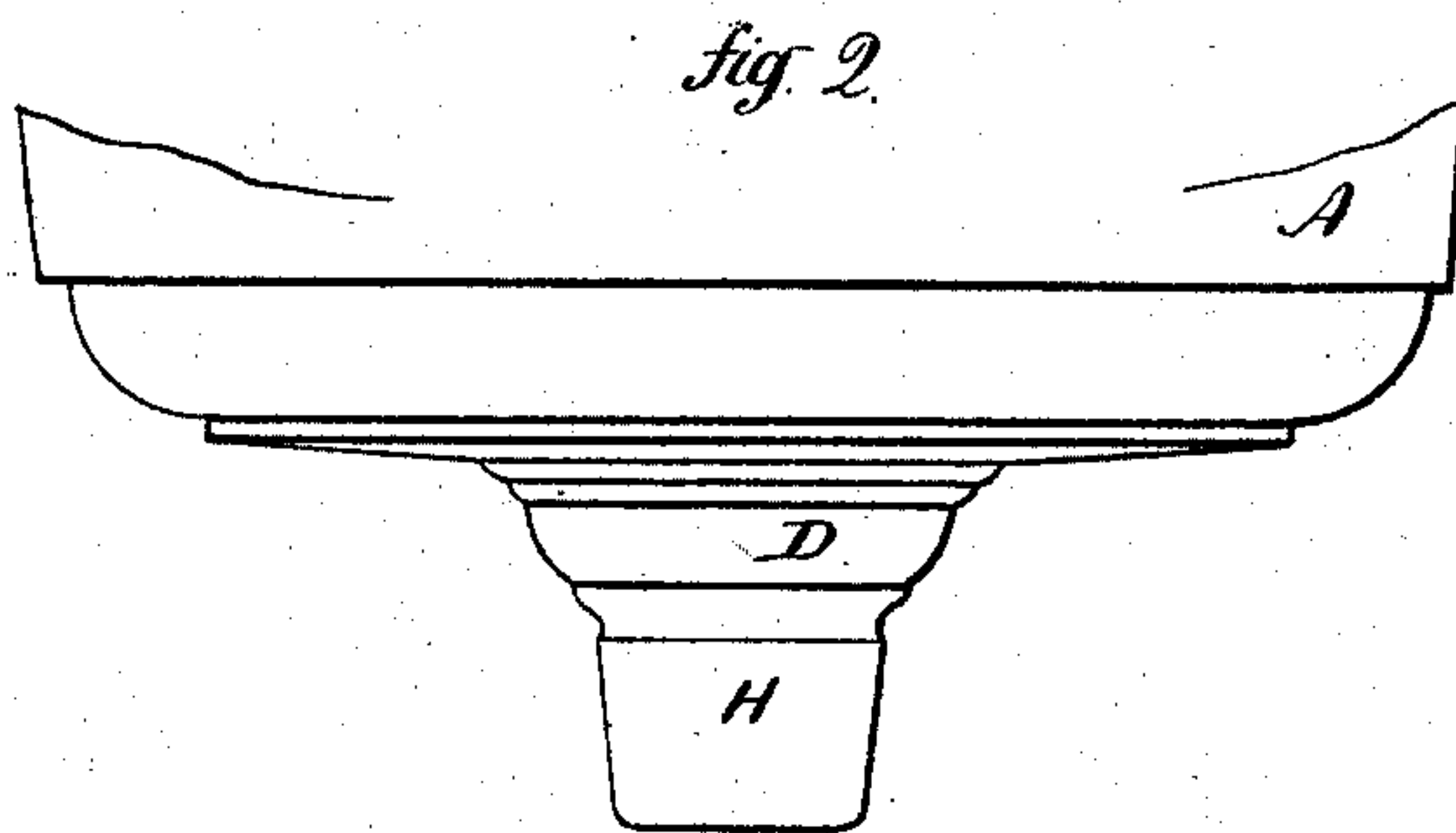
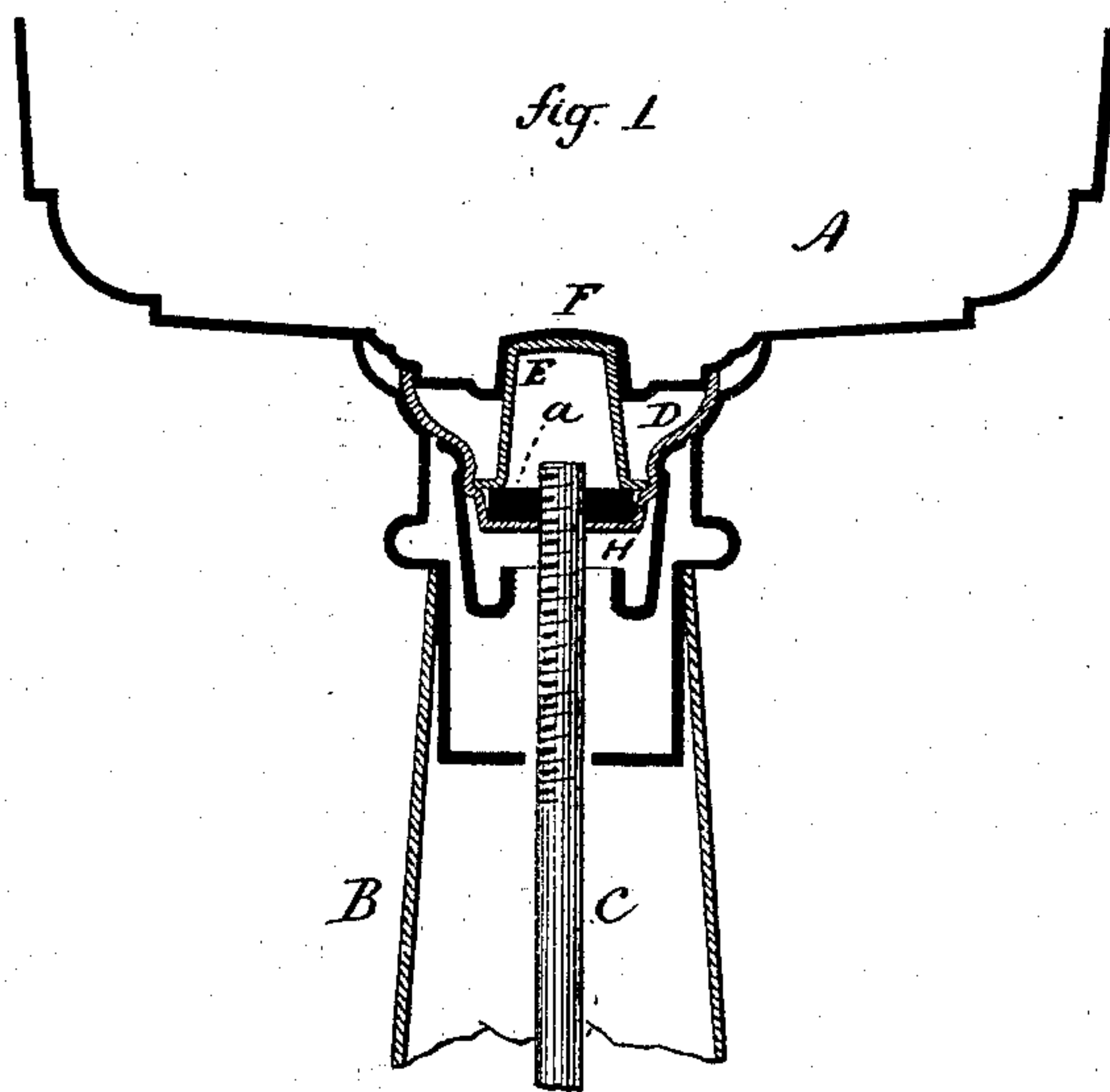


O. N. PERKINS.
Lamps.

No. 144,132.

Patented Oct. 28, 1873.



Witnesses.

A. Shumway
A. J. Libbeto

Orson W. Perkins
Inventor

By Atty.

John E. Easle

UNITED STATES PATENT OFFICE.

ORSON N. PERKINS, OF MERIDEN, CONNECTICUT, ASSIGNOR TO EDWARD MILLER & CO., OF SAME PLACE.

IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **144,132**, dated October 28, 1873; application filed April 30, 1873.

To all whom it may concern:

Be it known that I, ORSON N. PERKINS, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Lamps; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a vertical central section of the lower part of the lamp, showing the improvements; Fig. 2, a side view of the same portion, the lamp as detached from the pillar; and in Fig. 3, a modification of the improvement.

This invention relates to an improvement in that class of lamps designed for burning kerosene or similar oils, and which are arranged upon a pillar or post running up from the base; the object being to adapt the bowl of the lamp for attachment to gas-fixtures, so that the same bowl may be readily removed from the pillar and attached to the common gas-fixture, and is an improvement upon the invention for improvement in lamps which was secured to me by Letters Patent dated August 13, 1872. My invention consists in constructing the bowl of the lamp, or the socket by which the lamp is connected to the pillar, with a screw-thread corresponding to the screw-thread of a gas-fixture, independent of the nut by which the bowl is secured to the pillar, as more fully hereinafter described.

A is the bowl of the lamp, of any of the usual forms; B, the pillar upon which it is supported; C, the rod, which extends from the base up to the nut *a*, by means of which the lamp is secured to the pillar.

In my patent before referred to, the said nut was secured into the cup D, so as to prevent the turning of the nut, and this cup secured

to the lamp. This cup I now make independent of the lamp, as seen in Fig. 3; and centrally in this cup, and above the nut, I form a threaded stump, E, the thread of this stump corresponding to the threaded stump of the gas-fixture. In the bottom of the bowl of the lamp I form a socket, F, correspondingly threaded, so that when the cup D is screwed onto the rod C, hard down upon the post, the bowl of the lamp is screwed upon the stump E, as seen in Fig. 1; and when occasion requires the attachment of the lamp to the gas-fixture, the bowl may be removed from the stump, and the thread in the socket F corresponding to the thread on the gas-fixture stump, the bowl may thereby be easily attached to the gas-fixture. The stump E is closed upon the nut *a* in the process of spinning or forming the cup D, as seen in Fig. 3.

If desirable to retain or secure the cup D upon the bowl of the lamp, I form the socket for attachment to the gas-fixture by attaching to the cup a socket, H, extending down from the cup, as seen in Figs. 1 and 2, this socket threaded, as seen in Fig. 1, the post passing through the socket to the nut.

In this construction the cup may be permanently attached to the bowl, and when removed may be attached to the gas-fixture by the socket H. This gives a more finished appearance to the under side of the lamp than other constructions.

I claim as my invention—

In combination with the bowl A of a lamp, and the cup D carrying the nut *a* and stump E, a threaded socket formed in the bottom of the lamp or attached to the said cup, substantially as set forth.

ORSON N. PERKINS.

Witnesses:

JOHN IVES,
FRED. PEASE.