(No Model.)

H. L. & W. L. HARRIS.

SIGN.

No. 344,373. Patented June 29, 1886.

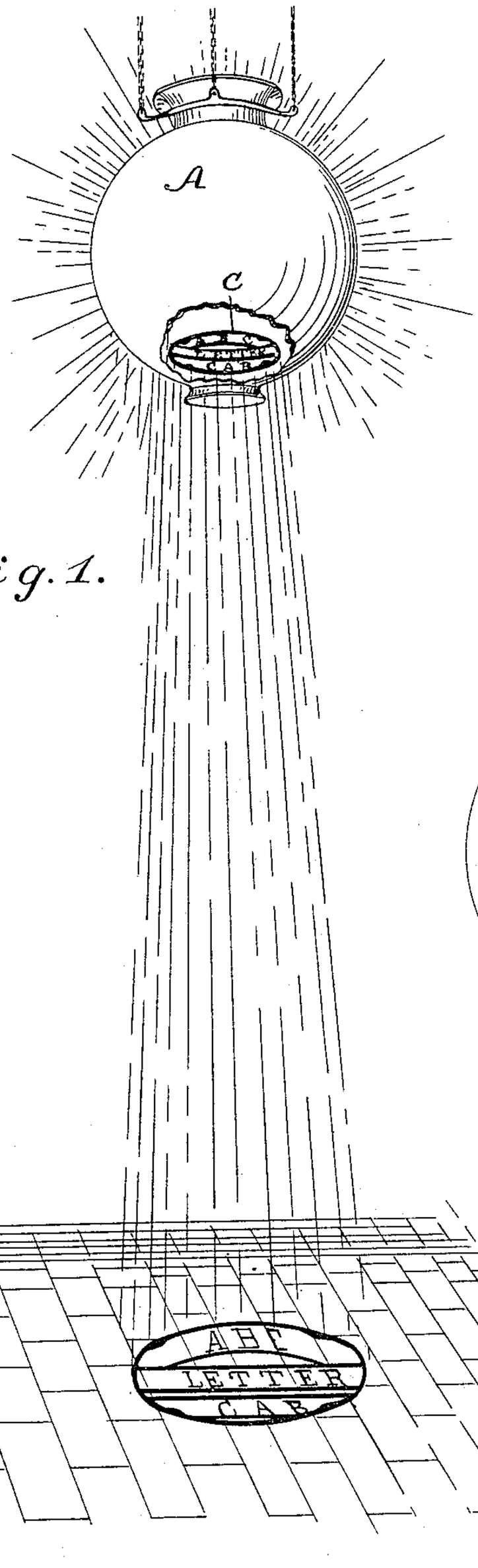
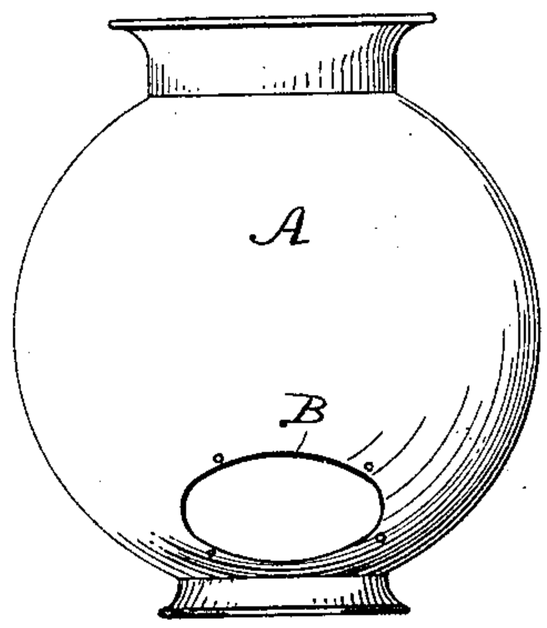


Fig. 1.

Fig. 2.



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UNITED STATES PATENT OFFICE.

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SIGN.

SPECIFICATION forming part of Letters Patent No. 344,373, dated June 29, 1886.

Application filed May 23, 1885. Serial No. 166,517. (No model.)

To all whom it may concern:

Be it known that we, HARRY L. HARRIS and WILLARD L. HARRIS, citizens of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Signs, of which the following is a description.

This invention is an improvement in signs, and has for an object to provide a sign for use at night, in which the lettering or symbols will be clearly defined on a wall, sidewalk, fence, or other object in such location as to be seen by passers-by.

The invention consists in a lamp-globe having an opening and a frame-work sign held within such opening, as will be described.

In the drawings, Figure 1 is a side view of a lamp-globe provided with our improvements and illustrating the manner in which the sign is reflected, and Fig. 2 is a detail view of the globe with the sign removed.

The invention may be employed with gas or oil light, but is especially adapted to use with electric lights, because of the intensity of such light and the greater clearness with which the sign will be consequently defined.

The globe A may be made of clear transparent or ground or other cloudy glass, as desired. In this globe we cut one, two, or more openings, B, of suitable size and shape to receive the sign C. This opening may be in the side, top, or bottom of the globe, the latter being suitably supported in any of the usual ways.

The sign C is provided with letters or symbols, as desired, formed of an opaque or partially opaque material, and is secured in the opening B.

It would be no departure from the broad principles of the invention to make the sign-symbols integral with the globe, and to form them concurrent with the formation of the globe. It is preferred, however, to secure said sign in the opening B by rivets, as shown, or other like clamping expedients, by which the sign may be conveniently held removably in the opening B. It is also preferred to make such sign of metal, and in open frame-work, as shown, as thereby the light shining through the open meshes of the frame-work causes the sign-symbols to be more clearly defined on the sidewalk, screen, or other object.

By securing the sign removably in the opening B, such sign may be conveniently replaced by another, so that the user may change his sign with any change of merchandise in stock, change of the character of the entertainment, or other change in the object it is desired to advertise.

In use it will be seen the light shines through the opening B, and the sign is represented on the sidewalk, or elsewhere desired, and the shadowed representation of such sign will be increased in size, according to the distance the lamp is located from the wall, sidewalk, or other screen on which the sign is reflected.

It will be noticed that our lamp-globe has a convex surface, which is quite or approximately globular, and the sign is secured in the opening in said surface, and, being made of flexible open frame-work, conforms practically to the curvature of the globe. By this construction it will be seen each part and symbol of the sign will be arranged at right angles to a radius from the light which is disposed centrally within the globe, and each part will also be located at the same distance from the light or flame as the others, so the shadows of the letters, words, or symbols will not be distorted in leaving the globe.

By forming the sign of metal and in open frame-work, it may be bent to conform to the curve of the globe. We also form this sign with an edge strip to reflect a border for the sign, and such edge strip is enlarged at intervals, forming lugs which are perforated to receive the rivets for fastening the sign to the globe.

Having thus described our invention, what we claim as new is—

A sign apparatus comprising a lamp-globe having a curved surface provided with an opening and a sign in said opening, substantially as set forth.

HARRY L. HARRIS.
WILLARD L. HARRIS.

Witnesses:
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