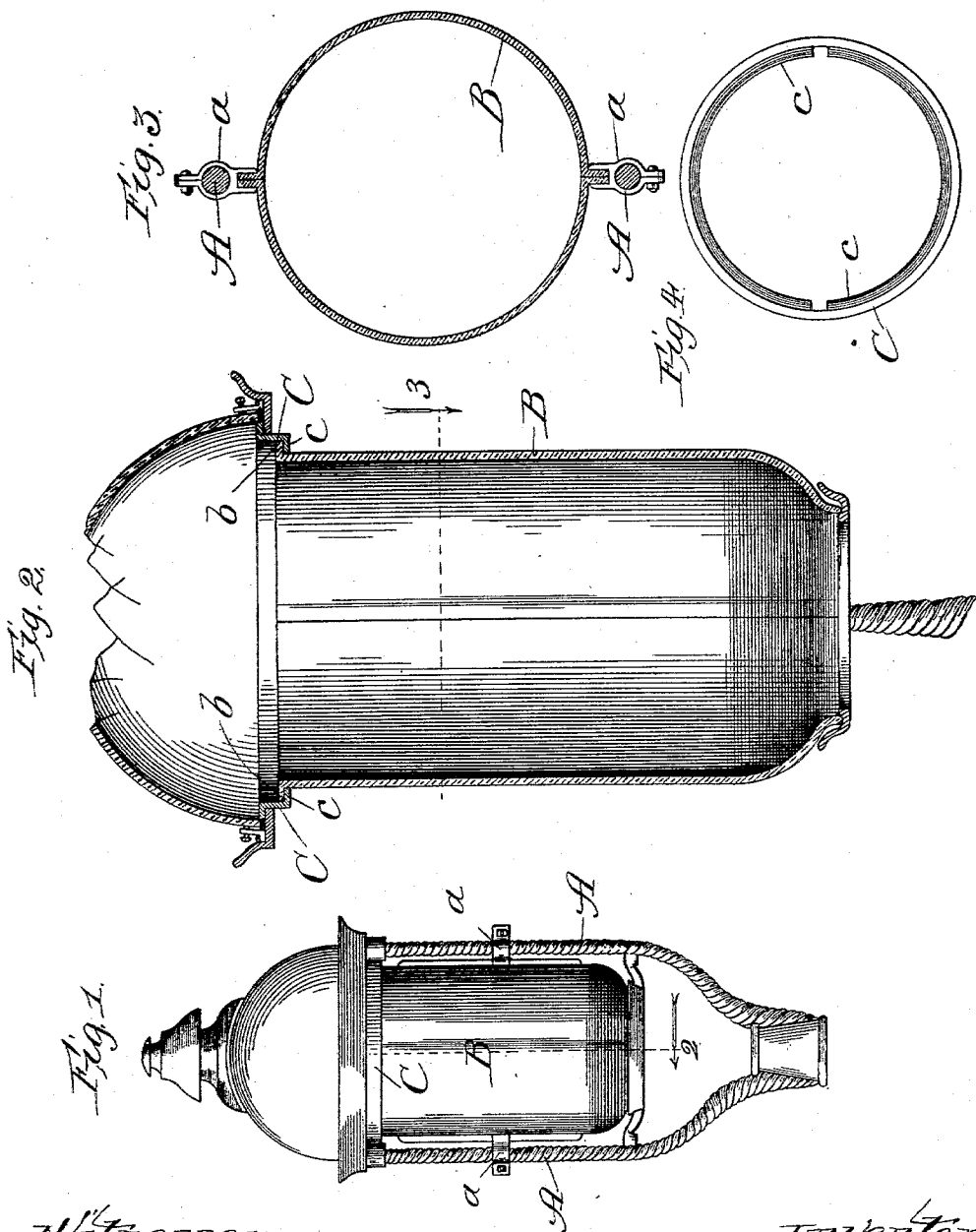


(No Model.)

J. STEWART.
STREET LAMP.

No. 565,044.

Patented Aug. 4, 1896.



Witnesses:
E. P. Chyford,
L. E. F. Alt

Inventor:
John Stewart,
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UNITED STATES PATENT OFFICE.

JOHN STEWART, OF CHICAGO, ILLINOIS.

STREET-LAMP.

SPECIFICATION forming part of Letters Patent No. 565,044, dated August 4, 1896.

Application filed August 16, 1895. Serial No. 559,462. (No model.)

To all whom it may concern:

Be it known that I, JOHN STEWART, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Street-Lamps, of which the following is a specification.

The object of my invention is to make a globe for street-lamps which shall be formed of different parts or sections; and the invention consists in the features and combinations hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of my improved street-lamp; Fig. 2, a broken sectional view of the globe, the crown, and supporting-ring at the top and crown at the bottom; Fig. 3, a plan sectional view taken on line 3 of Fig. 2, and Fig. 4 a plan view of the supporting-ring.

A is the frame of the lamp, and *a* catches, clips, or cleats at the sides thereof; B, the globe, and *b* the outwardly-projecting flange at the top thereof; C, the supporting-ring in the upper portion of the frame, and *c* the flange thereof adapted to receive or fit under the outwardly-projecting flange at the top of the globe.

In describing the globe of my improved street-lamp, it will be understood that I speak of the part below the dome or top of the lamp, which, as now generally constructed, is formed of a single piece of glass, circular in form. The globe being thus formed of a single piece, whenever parts or sides become fractured or broken, by an accident or otherwise, it operates to practically destroy the entire globe, and this, with the consequent necessity of replacing new globes, causes great expense in street-lighting. The object of my invention is to obviate this difficulty.

In constructing my improved street-lamp, I place a ring in the upper portion of the frame, inside of the top crown, having an inwardly-projecting flange adapted to receive the corresponding flange of the globe formed to fit over the same, as hereinafter described. This supporting-ring is formed separate from the frame and afterward secured thereto, as desired. As shown, this ring is continuous; but it may be formed of different sections, either abutting against or separate

from each other, the only object in this respect being that whenever the globe is inserted it shall be sufficient to receive the flange thereof at suitable points to support the same. As this object may be accomplished by a continuous ring or different parts or segments, it will of course be understood that when I speak of a "ring" I use the word in the general sense here explained.

As shown, clips or cleats are attached at the sides of the frame to form a passage-way and support for the side flanges of the globe hereinafter described. These clips or cleats may be formed separate from the frame and attached thereto, as shown, or they may be cast integral with the frame, as desired. Where the globe is formed of two sections merely, these clips or cleats are placed at only two sides of the frame; but where the globe is formed of more than two sections they are placed in proper position to receive the adjacent flanges of each section.

The globe is formed of two or more vertical sections, and the edge of each section is provided with an outwardly-projecting flange. Two of these sections being fitted together, their adjacent flanges are of proper width to slip down into the side clips or cleats of the frame above described. At its upper end, each section of the globe is also provided with an outwardly-projecting rim or flange adapted to fit over the ring at the top of the crown, also above described. When the several sections are put together, being inserted in the ring as above described, they are secured and held in the frame by slipping their adjacent side flanges down through the side clips or cleats and allowing the top flanges, which practically form a continuous circle, to fit over the flange of the supporting-ring and rest thereon.

It will of course be understood that I contemplate using my invention in the lighting of streets, boulevards, parks, public buildings, &c., whether by gas-lamps, electric lights, or other constructions to which it may be applicable.

I claim—

In a lamp, the combination of an outside frame provided with clips or cleats at its sides and a removable flanged ring in its upper por-

tion, and a globe formed of vertical sections having outwardly-projecting flanges at their edges fitting into the clips or cleats of the frame whereby the sections are secured and
5 held together, and an outwardly-projecting flange at the top fitting over and resting upon the flanged ring of the frame whereby the globe is adapted to be inserted in the frame and held in position vertically, substantially as described.

JOHN STEWART.

Witnesses:

EPHRAIM BANNING,
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