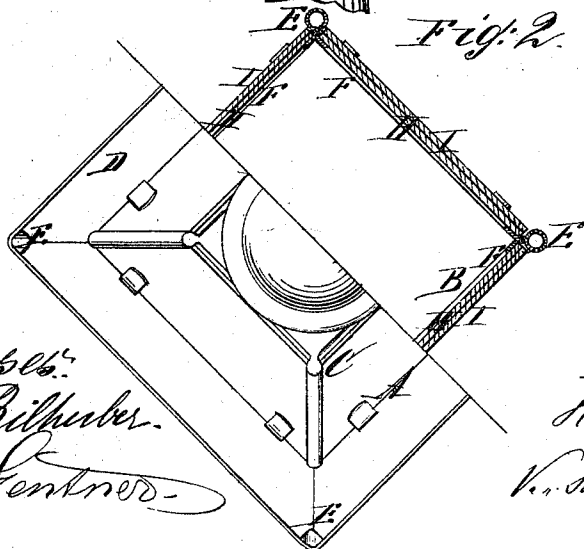
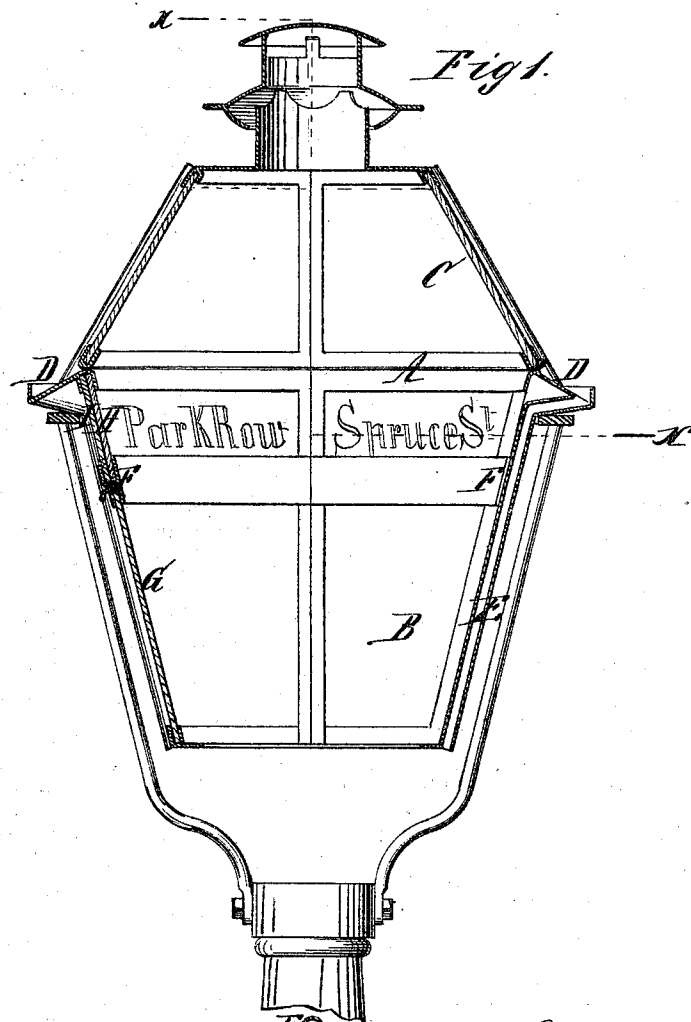


H. NAHE.
Street-Lamps.

No. 142,500.

Patented September 2, 1873.



Witnesses:
Ernst Bilhuber.
Henry Centner.

Inventor.
Henry Nahe
per
V. J. Santwood, Clerk
attus

UNITED STATES PATENT OFFICE.

HENRY NAHE, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN STREET-LAMPS.

Specification forming part of Letters Patent No. **142,500**, dated September 2, 1873; application filed August 20, 1873.

To all whom it may concern:

Be it known that I, HENRY NAHE, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Street-Lamps; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which drawing—

Figure 1 represents a vertical section of my invention. Fig. 2 is a sectional plan, the plane of section being indicated by the line *x*, Fig. 1.

Similar letters indicate corresponding parts.

This invention consists in the arrangement of a gutter extending round the frame of a street-lamp, and provided with descending discharge-pipes, in combination with name-plates, which are situated beneath said gutter in such a manner that the rain is prevented from running down over the name-plates, and the names of streets or other designations marked on said name-plates are clearly visible in rainy weather as well as in clear weather; and, furthermore, the descending discharge-pipes of the gutter serve to strengthen the frames of the lamps. The name-plates are protected by layers of glass, so that the names or characters marked on said name-plates are not liable to injury by friction in cleaning the lamps or by the influence of the atmosphere. On the corner-pieces of the frame are secured transverse strips, against which rest the main panes of the lamp, and also the name-plates, so that the frame is rendered strong, and the name-plates are retained in the same planes with the main panes.

In the drawing, the letter A designates the frame of my lamp, which is composed of the lower part B and the upper part C. At the junction of the two parts of my frame I form

a gutter, D, which extends all round, and from the corners of which extend pipes E down on the corners of the lower part of the frame, so that, by said pipes, the frame is strengthened, and, at the same time, the rain-water which accumulates in the gutter is conducted down through said pipes, and caused to discharge at the bottom of the lamp. The lower part B of my frame is strengthened by cross-strips F, which are fastened to the corner-pieces of the frame, and against which rest the main panes G, and also the name-plates H, so that said panes and plates are situated in the same planes. The name-plates are protected by layers I of glass or other transparent material, so that the characters marked on said name-plates are not liable to be injured by the friction in cleaning the lamp or by the action of the weather. The gutter D prevents the rain-water from running down over the name-plates and over the main panes of the lamp, and by these means the light of the lamp is not dimmed in rainy weather, and the characters marked on the name-plates are clearly visible in rain as well as in shine.

My lamp is cheap, strong, and durable, and it can be substituted without trouble for street-lamps of the ordinary form or construction.

What I claim as new, and desire to secure by Letters Patent, is—

The gutter D, with descending discharge-pipes E fastened to the corners of the frame A, in combination with the name-plates H and main panes G resting against strengthening-strips F, which retain the name-plate and the pane on each side of the lamp in one and the same plane, all as herein shown and described.

HENRY NAHE.

Witnesses:

W. HAUFF,
E. F. KASTENHUBER.