

B. GIROUX.
Street-Lamp.

No. 129,221.

Patented July 16, 1872.

Fig. 1

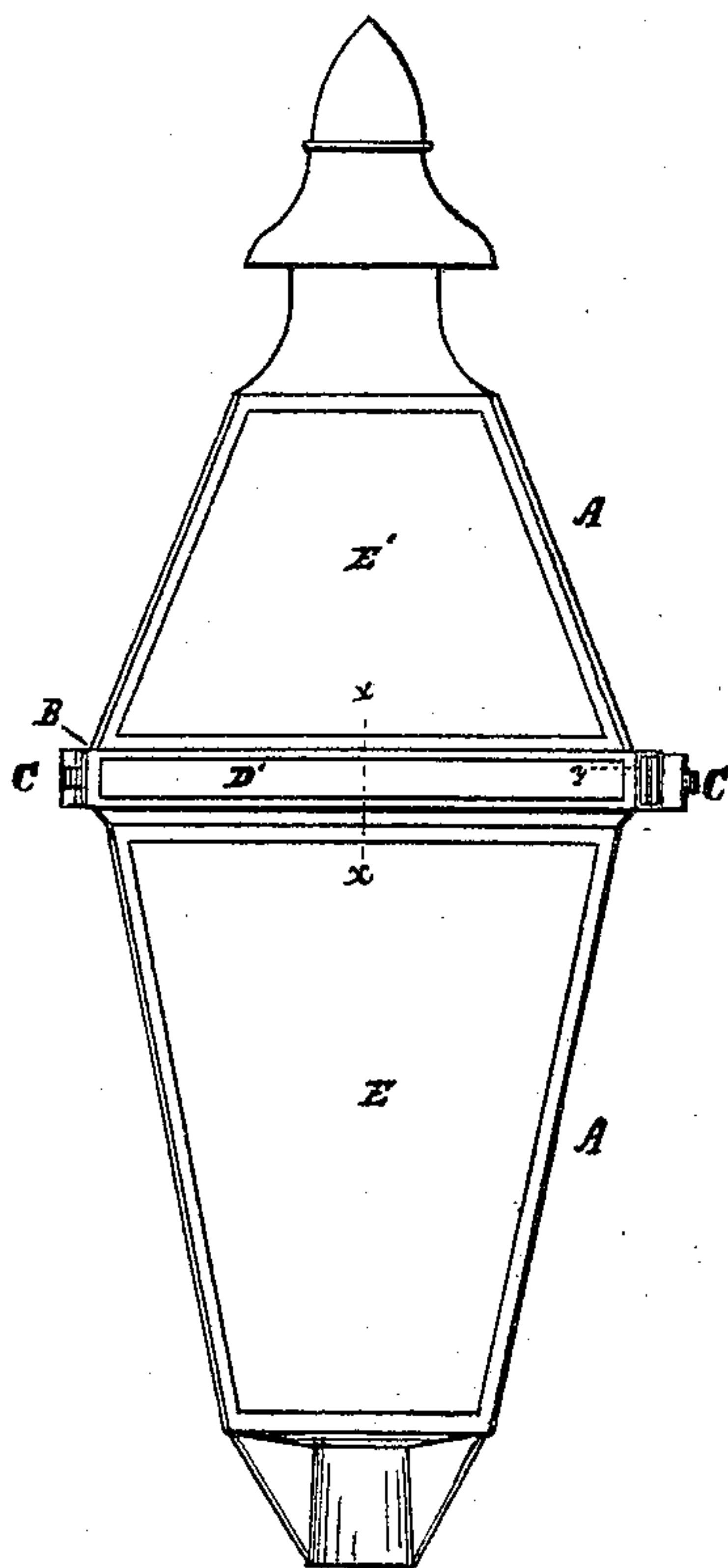


Fig. 2

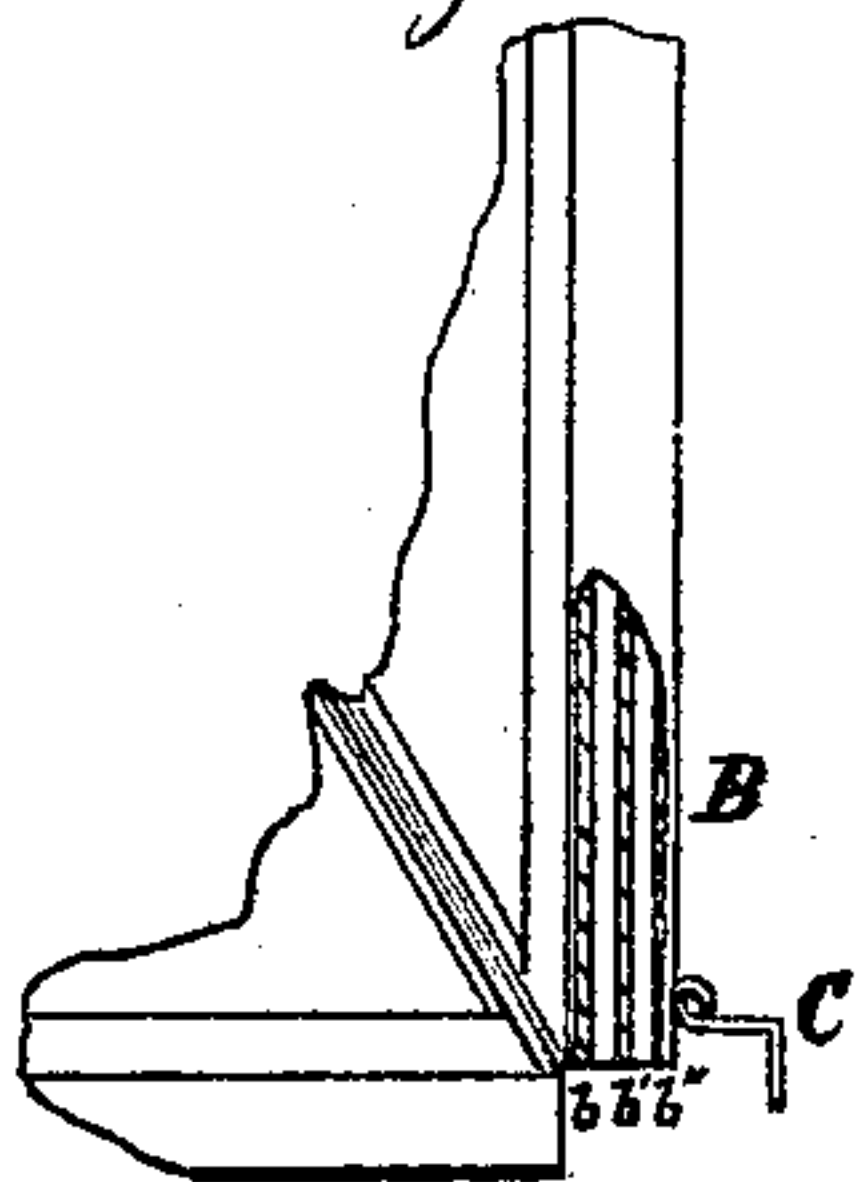
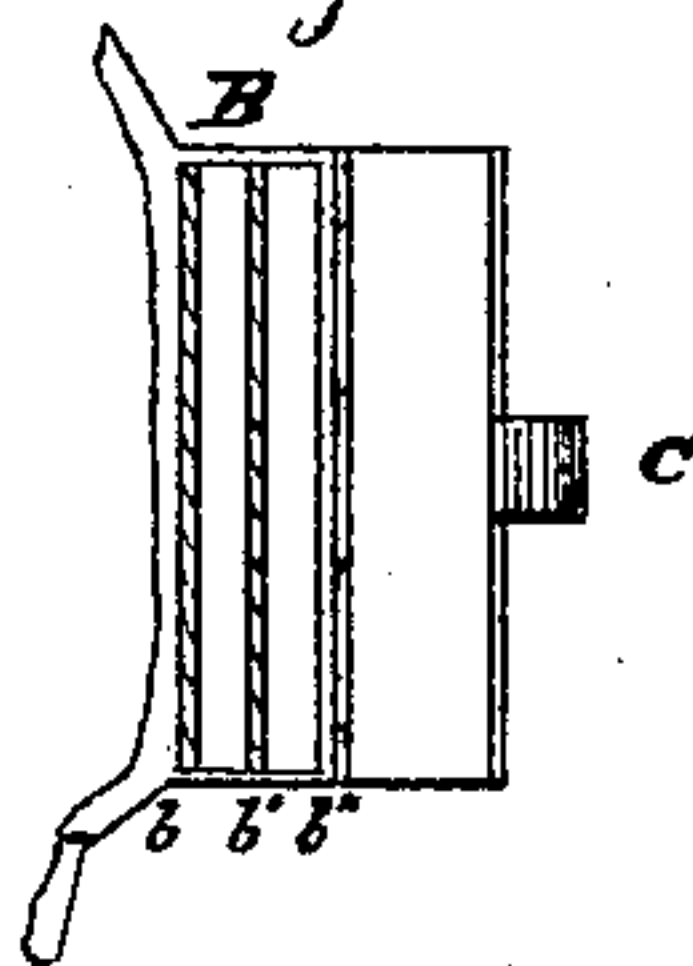


Fig. 4



Fig. 3



WITNESSES

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UNITED STATES PATENT OFFICE.

BENJAMIN GIROUX, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN STREET-LAMPS.

Specification describing Letters Patent No. 129,221, dated July 16, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, BENJAMIN GIROUX, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Street-Lamps; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming a part hereof, in which—

Figure 1 represents a side elevation of a street-lamp provided with my improvements; Fig. 2, a top or plan view of one corner of the same, a portion of the frame being broken away so as to show a horizontal transverse sectional view through the street-indicator attachment, taken at the line *y* in Fig. 1; Fig. 3, an end view of the street-indicator attachment detached, showing the interior partitions in section; and Fig. 4, a vertical sectional view through one of the indicator attachments, taken at the line *x x* in Fig. 1.

My invention relates to that class of lamps or lanterns which are used for the purpose of lighting streets and public places; and it consists in providing the frame of the lamp or lantern with a supplemental frame for the purpose of receiving and protecting pieces of glass, or other suitable material, upon the inner one of which the names of streets, stations, or other public places, or signs, are painted or printed, and the outer pieces of which serve as a protector and reflector. Such signs or names, when affixed to street-lamps or lanterns, have heretofore been placed thereon so as not to derive the full benefit of the light for the purpose intended, and so as to be unprotected from the weather, and liable to injury in cleaning the lamp. It is the object of my invention to remedy these defects in a great degree by means of my improvements, which are hereafter more fully described.

A is an ordinary street-lamp or lantern-frame, except that provision is made therein for my improvements. B is a frame, or double guide-way for receiving and supporting plates of glass, or other material suitable for the purpose for which they are intended. This frame or guide-way is open at one end, as shown at *a* in Fig. 1. *b b' b''* are vertical

partitions extending a short way from the top and bottom of the frame B, and running longitudinally through said frame, as shown in Figs. 4 and 2; and extending vertically entirely across the ends of said frame, as shown at *a* in Fig. 1; and in Fig. 3 *c* is a door, hinged at the end of the frame B, so as to shut over the end of it, as shown at *c'* in Fig. 1, the said door being shown as open in Figs. 1, 2, and 3. D D', in Fig. 4, are two plates of glass, or other suitable material, in the frame B. These plates are capable of sliding in and out of the frame B between the guide-ways or partitions *b b' b''*. The plate D is the sign-plate, and the plate D' is for the purpose of protecting the plate D, and also serves to make the letters or figures on the latter more distinctly visible. The back of the plate D may be painted white. The partitions *b b' b''* need not be continuous either longitudinally through the frame or across its ends. When the lamp or lantern-frame is made with a view of embodying my improvements in it, while making it, the lamp or lantern-frame may be so made as to form the inner partition *b*. One or more frames, B, with the parts pertaining to them, may be placed on each side of the lamp or lantern-frame A. The spaces E E' are occupied by glass.

It will be observed from the foregoing description that the frame B is intermediate between the conical-shaped parts of the lamp or lantern-frame, and that the sign-plate is in a conspicuous position, and protected from the weather, dust, &c., as well as from the negligence of the lamp-cleaner. The plate D' renders the painted or printed matter on the strip D more clearly discernible.

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

In a street-lamp or lantern-frame, the combination of one or more frames, B, sign-plate or plates D, and the plate or plates D', substantially as and for the purposes shown and set forth.

The foregoing specification signed by me this 8th day of November, A. D. 1871.

BENJAMIN GIROUX.

Witnesses:

JOEL WOOD,
J. O. BOURRET.