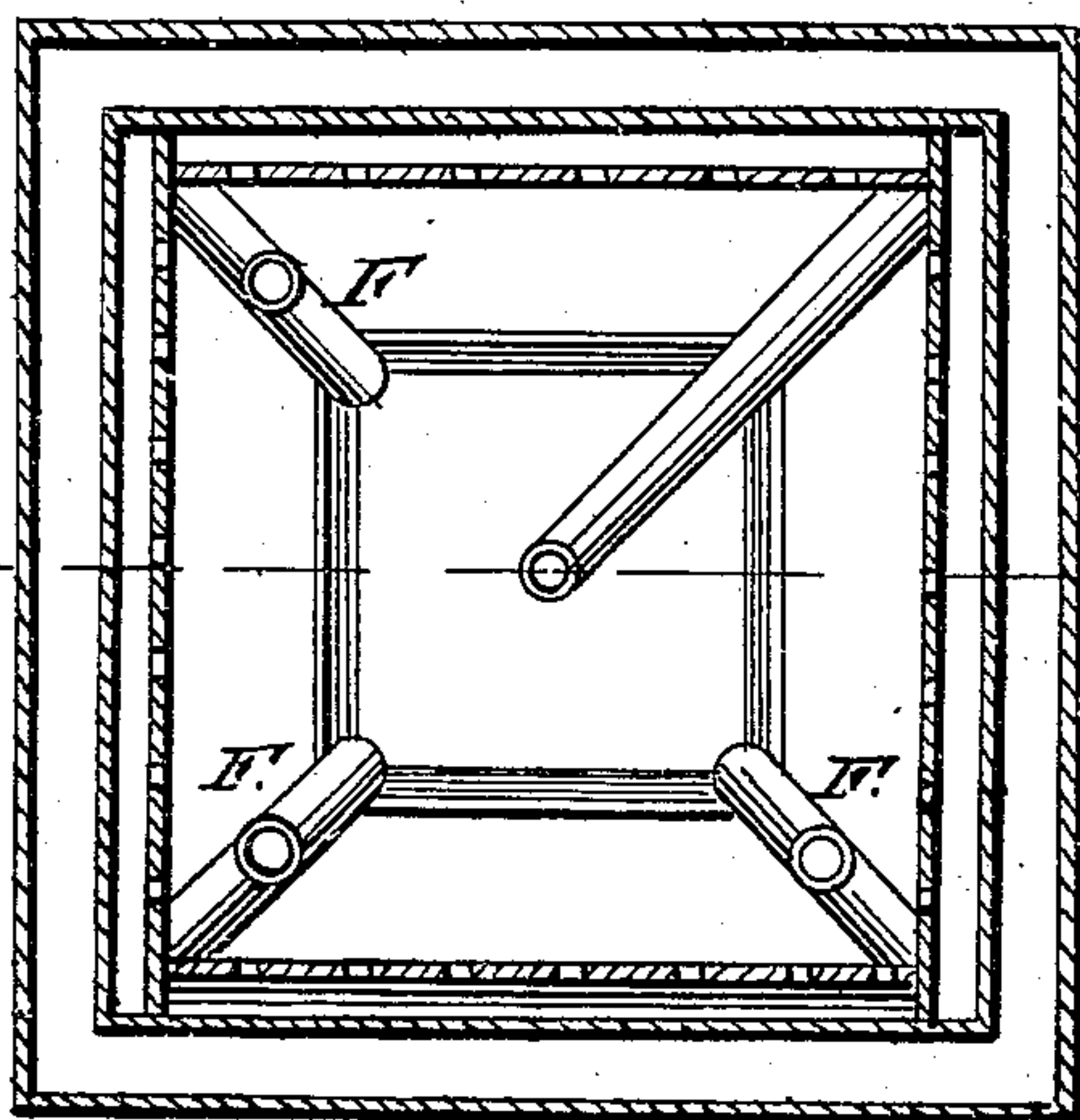
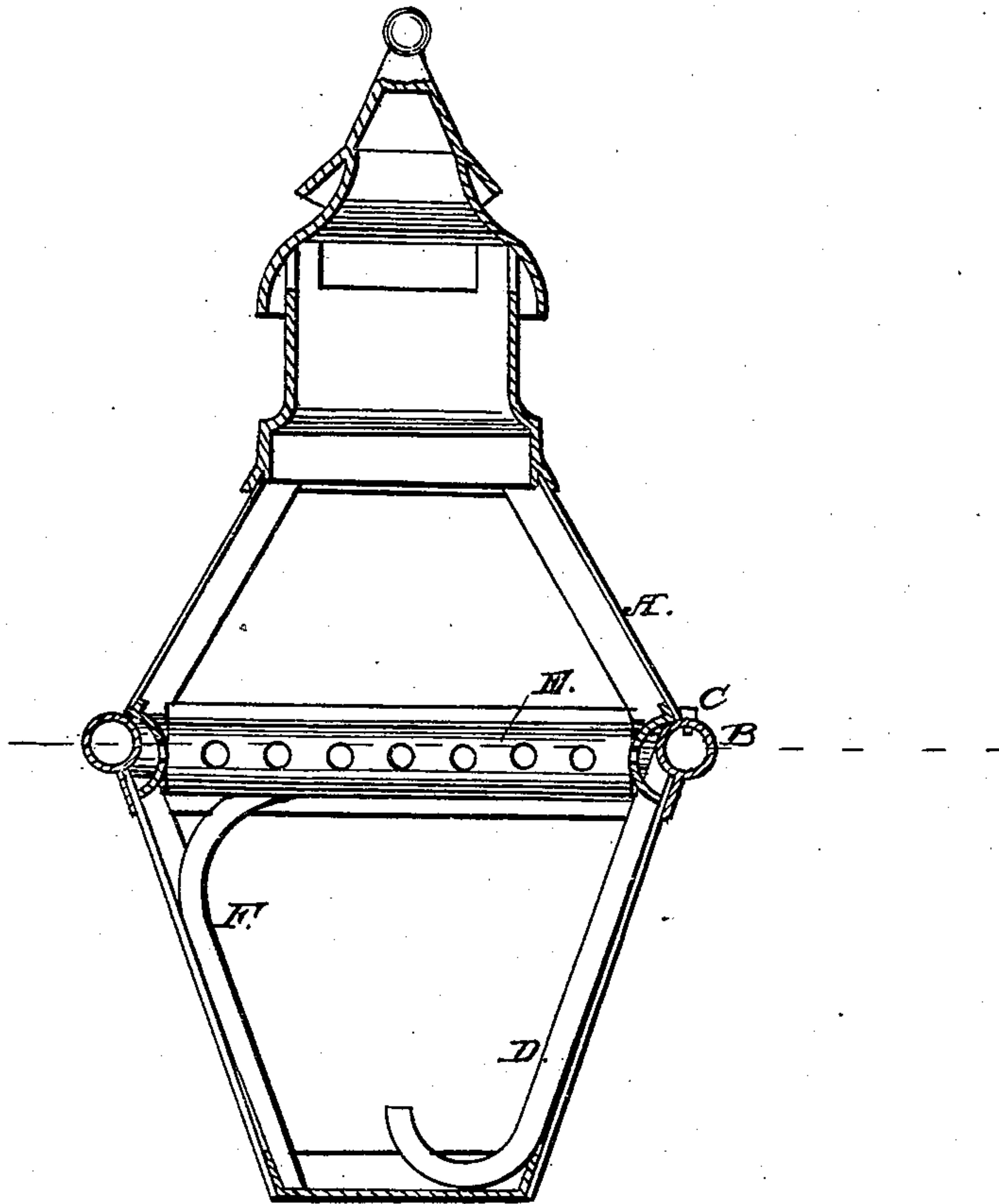


CASE & EVANS.

Street Lamp.

No. 84,535.

Patented Dec. 1, 1868.



Witnesses;
Jm A Morgan
Ch. C. Dietrich

Inventor;
O. Case & B. Evans
per Munn & Co
Attorneys

UNITED STATES PATENT OFFICE.

O. CASE AND B. D. EVANS, OF COLUMBUS, OHIO.

IMPROVEMENT IN STREET-LAMPS.

Specification forming part of Letters Patent No. **84,535**, dated December 1, 1868.

To all whom it may concern:

Be it known that we, O. CASE and B. D. EVANS, of Columbus, in the county of Franklin and State of Ohio, have invented a new and Improved Street-Lamp; and we do hereby declare that the following is 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 drawings, forming part of this specification.

The object of this invention is to provide an improved street-lamp for burning benzine.

It consists in the arrangement of the reservoir in the frame of the lamp, in combination with a cold-air chamber, and cold-air pipes for conveying cold air thereto, as will be hereinafter described.

Figure 1 represents a vertical sectional elevation of our improved lamp, and Fig. 2 represents a horizontal section of the same.

A represents the frame of a street-lamp, provided with a reservoir, B, for holding the benzine or oil, to be supplied to it through an opening in the top, having a plug, C, to close the same. D represents a pipe for conveying the benzine or other fluid to the burner, which we prefer to be of the kind known as "retort-

burners." E represents a perforated casing around the reservoir, designed to form a cold-air chamber, into which cold air may be introduced from the bottom or other exterior portion of the lamp by means of the pipes F, which may be arranged in any suitable manner to introduce the said cold air, which will pass off through the perforations, keeping up a circulation thereby, that will prevent any danger of heating the reservoir, so as to generate gas therein, and the consequent danger of explosion.

We claim as new and desire to secure by Letters Patent—

1. The arrangement of the reservoir B and perforated shield E in the frame of the lamp, substantially as and for the purpose described.

2. The combination, with the reservoir B, arranged within an air-chamber, of the pipes F, communicating with the exterior of the lamp, substantially as and for the purpose described.

O. CASE.
B. D. EVANS.

Witnesses:

ALFRED M. JELLEFF,
GEO. VAN DEUSEN.