

J. WEHRLE.
ILLUMINATING HOUSES.

No. 176,125.

Patented April 11, 1876.

Fig: 1.

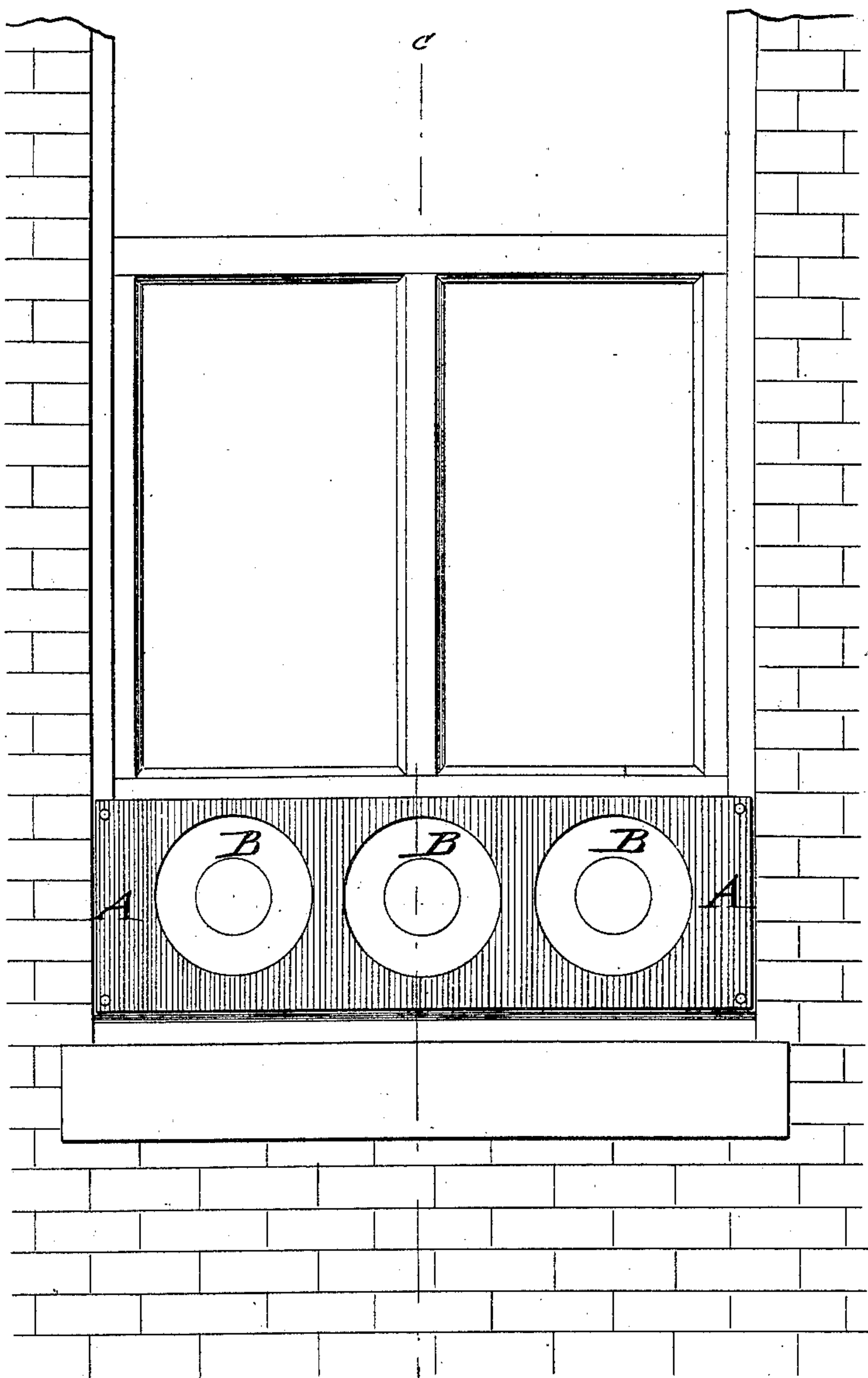
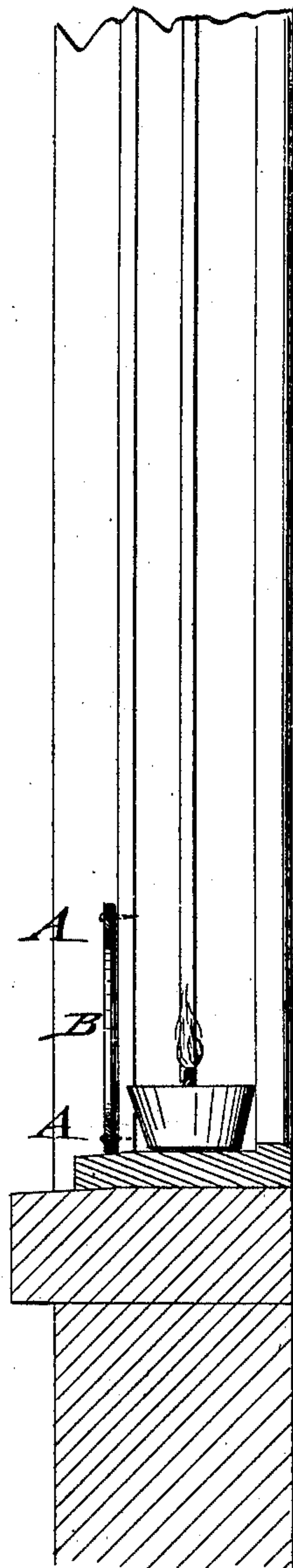


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOSEPH WEHRLE, OF NEW YORK, N. Y.

IMPROVEMENT IN ILLUMINATING HOUSES.

Specification forming part of Letters Patent No. **176,125**, dated April 11, 1876; application filed April 4, 1876.

To all whom it may concern :

Be it known that I, JOSEPH WEHRLE, of the city, county, and State of New York, have invented a new Device for Illuminating Houses, &c, of which the following is a specification :

In the accompanying drawing, Figure 1 represents a front view of my device for illuminating houses, &c. Fig. 2 is a vertical transverse section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish, for the purpose of illuminating houses, a neat and effective device, which may be readily applied to windows and other parts of the house, so as to produce a steady light without danger of fire, and a unique method of illumination.

The invention consists of a plate or card-board with circular openings, covered by transparent paper, back of which the lights are placed. The transparent paper is prepared to produce the effect of a globe.

In the drawing, A represents an illuminating-plate, of sheet metal, card-board, or other suitable material, which is made of any suitable size, according to the purpose required. For most purposes the width of the window casing or frame is sufficient. The illuminating-plate A is provided with as many round apertures or holes, at equal distances from each other, as lights are desired for each window, the apertures being covered by sheets

B, of transparent paper of any suitable color, that are pasted or otherwise attached to the plate. The transparent sheets B are treated at the center with a layer of copal or other varnish, to render the same more transparent and produce the optical impression of a globe. The illuminating plate or board is attached in any suitable manner to the window-frame, above the sill, the lights being placed back of the apertures, so that the flame is in the center of the same. When the windows are closed the lights burn steadily back of the plate, as air is admitted only from the top. The round transparent sheets produce the effect of a glass globe, the plate or board being preferably made with black or other dark surface, to increase this effect.

The use of these illuminating-plates not only increases, in a cheap and simple manner, the artistic effect of an illumination, but renders the same safer and less objectionable than the methods heretofore employed.

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

The device for illuminating houses and other objects herein described, consisting of an opaque or non-transparent board or plate, having openings covered with sheets of transparent paper, as and for the purpose set forth.

JOSEPH WEHRLE.

Witnesses:

PAUL GOEPEL,
T. B. MOSHER.