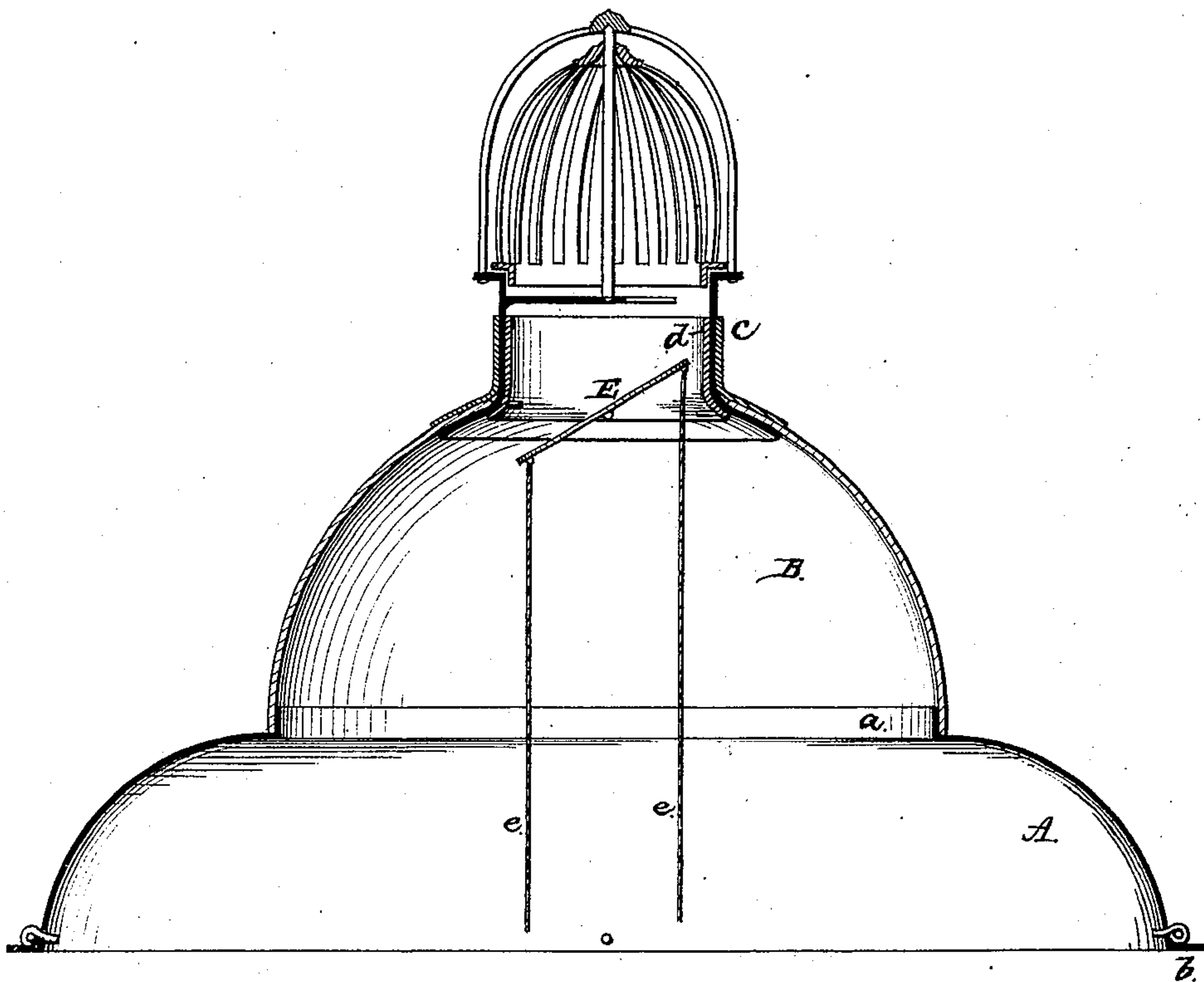


S. J. PARDESSUS.
Ventilating Skylight.

No. 200,332.

Patented Feb. 12, 1878.



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UNITED STATES PATENT OFFICE.

SEMON J. PARDESSUS, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN VENTILATING-SKYLIGHTS.

Specification forming part of Letters Patent No. **200,332**, dated February 12, 1878; application filed December 22, 1877.

To all whom it may concern:

Be it known that I, SEMON J. PARDESSUS, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Skylights and Ventilators; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which the figure represents a sectional elevation of my invention.

The object of my invention is to provide a combined skylight and ventilator of such materials and construction as to be readily and securely attached to a building or other inclosure, and of such form as to present a large reflecting-surface.

In order to enable others to construct and use my invention, I will first proceed to describe its construction and arrangement of parts.

In the drawing, A represents an annular base, composed of metal or other suitable material, and provided with circumferential flanges *a b* to facilitate its connection to a building or other inclosure, and with its adjacent parts.

B represents a transparent dome, its base being of about equal diameter to the opening in the top of the base A, and to fit snugly over and around the vertical flange *b* thereon, and to which it is secured by any suitable cement, or in any other water-tight manner. This dome is usually made of plain or ornamented glass, blown or molded in a single piece; but for extraordinarily large sizes it may be constructed in sections, if desired.

An opening is provided at the top for communication with the atmosphere, and over or within which any well-known type of ventilator may be attached, the flanged collars *c d* being provided for connecting said ventilator

and to permit the introduction of a suitable register, to be hinged, pivoted, or otherwise arranged to close, or partly close, the passage. This register may be operated by cords *e e*, as shown, extending into an apartment.

The flanged collars *c d* are arranged one within the other, and between the lateral flanges of each the dome is cemented or otherwise connected, to render the joint water-tight. These collars are also connected to each other by means of pins passed through the same from the outside, as shown, and so that the interior collar *d*, which contains the register, may be easily removed from the inside, without disturbing the ventilator, which is usually attached to the exterior collar *c*, or in the manner shown.

The metallic base A may be connected to the roof of a building, railway-car, or other inclosure by placing it over the aperture designed for it, and securing it to the inside timbers or other parts of the roof by means of iron straps or other fastenings adapted thereto, and the roofing material may also be turned up within the base to prevent leakage.

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

A combined skylight and ventilator, consisting of the annular metallic base A and the transparent dome B, connected together and each flaring downwardly, whereby the light is equally disseminated throughout the apartment, said dome being constructed with a central opening or passage communicating with the atmosphere or a ventilating attachment, and provided with a suitable register, substantially as set forth.

SEMON J. PARDESSUS.

Witnesses:

CHAS. W. FORBES,
L. W. SLOAT.