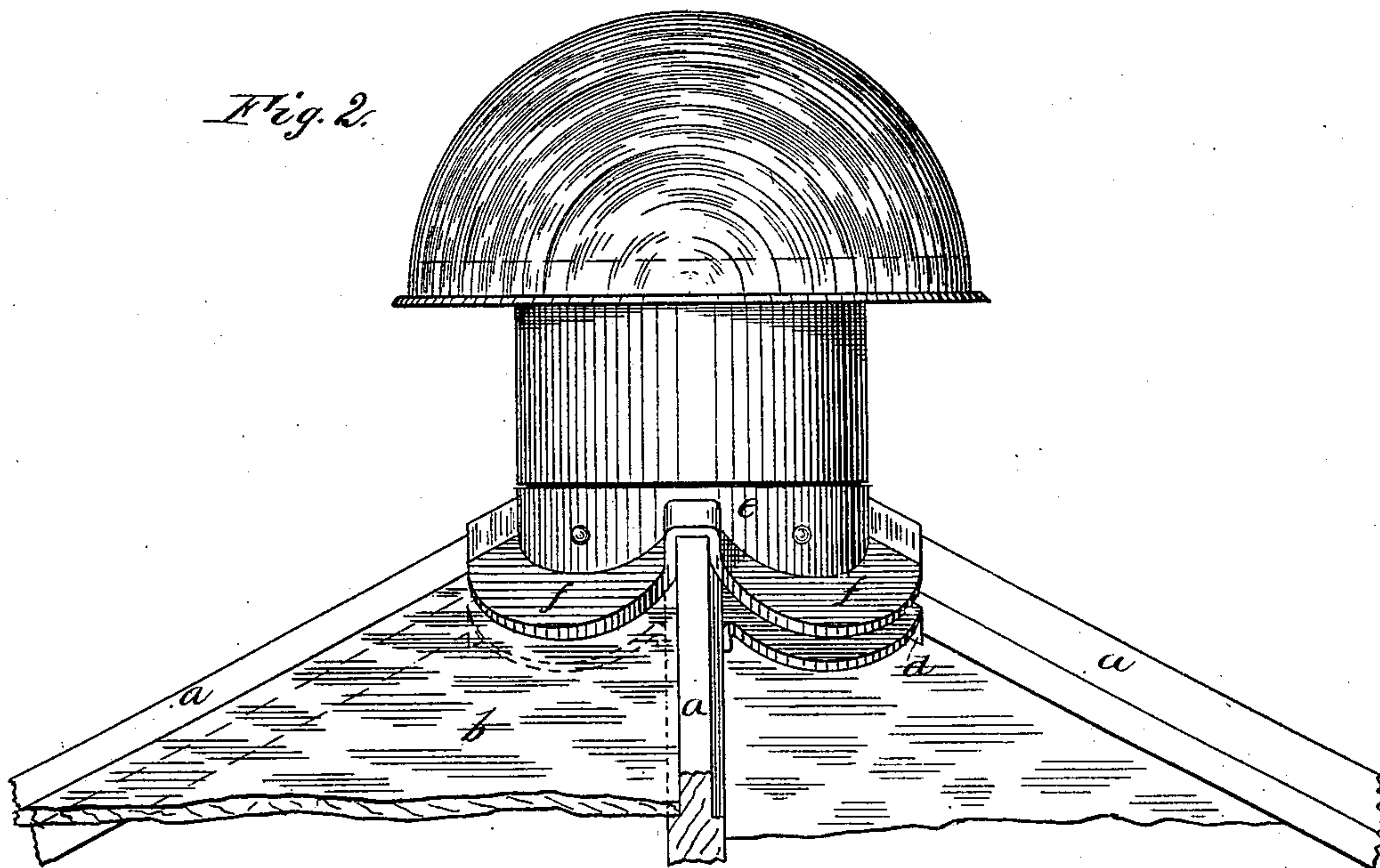
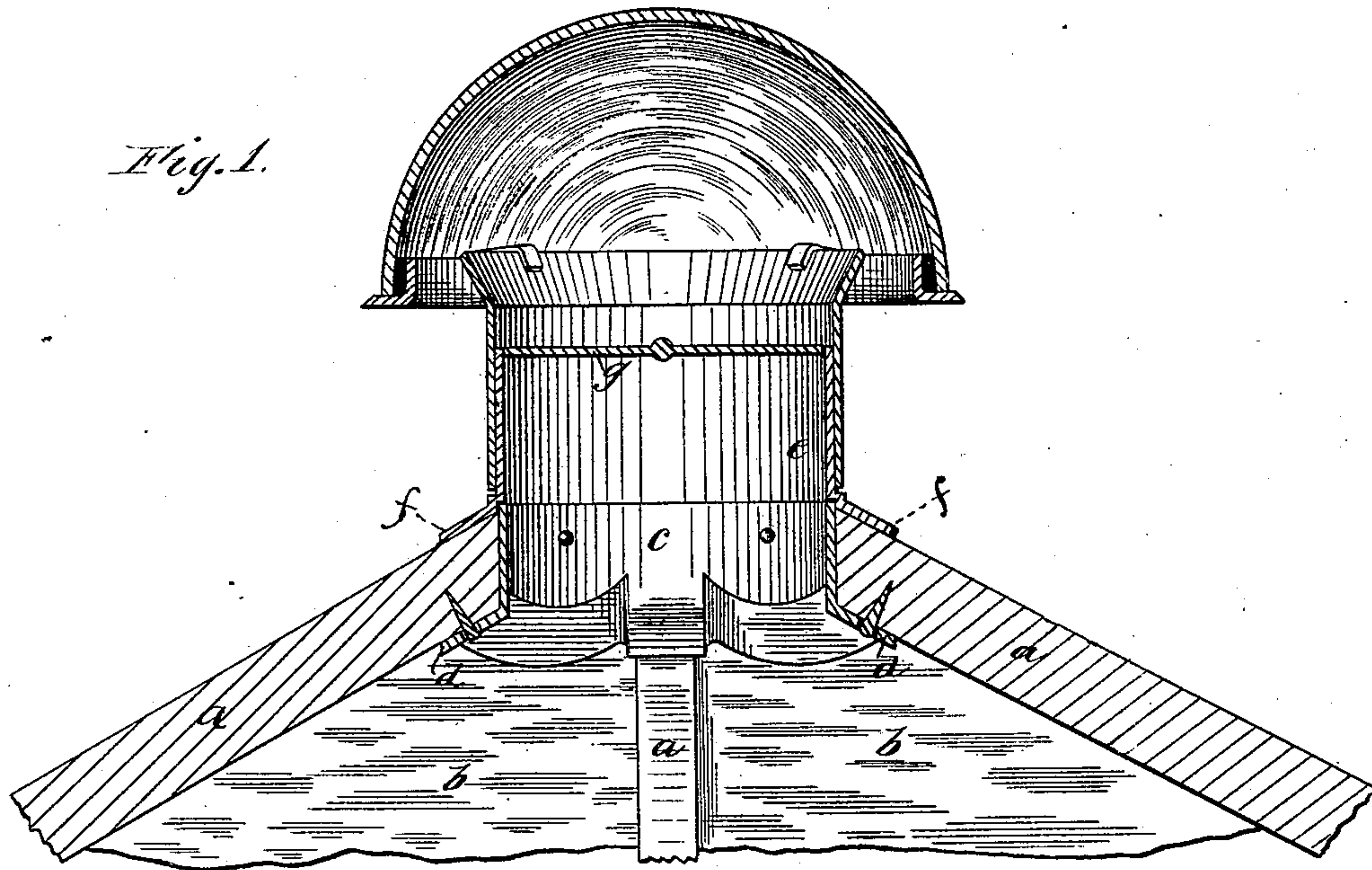


S. J. PARDESSUS.
 Skylight-Hatch.

No. 226,625.

Patented April 20, 1880.



Witnesses:
 Charles F. Seale
 Julius Halbram

Inventor:
 Simon J. Pardessus
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 Attorney.

UNITED STATES PATENT OFFICE.

SEMON J. PARDESSUS, OF BROOKLYN, NEW YORK.

SKYLIGHT-HATCH.

SPECIFICATION forming part of Letters Patent No. 226,625, dated April 20, 1880.

Application filed February 26, 1880.

To all whom it may concern:

Be it known that I, SEMON J. PARDESSUS, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Ventilating Skylight-Hatches; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a central vertical section, and Fig. 2 a side elevation, of the apex of a skylight-hatch embodying my invention.

Similar letters of reference indicate corresponding parts in the several figures.

This invention consists in certain details of construction in the apex of skylight-hatches, whereby the same is adapted for ventilating purposes, as hereinafter fully described, and the novel features thereof subsequently defined in the claim.

In the accompanying drawings I have shown that portion of a skylight to which my invention is applied, and including a desirable form of a removable cap placed upon the vertically-projecting flange surrounding the opening, and for which I have made a separate application for a patent.

The sash-frame of the hatch is represented at *a a*, and may be made of wood, iron, or other suitable material, and grooved or rabbeted to receive the glass panes *b b*, in the usual manner.

c represents an annular metallic ring provided with a base-flange, *d*, arranged to correspond with the inclination of the sash-frame and glass panes and project a sufficient distance to form a firm support therefor, this flange being made with depending recesses, as shown, to receive the sash-frame *a a*, to maintain the same in place, and bring the intermediate portion of the flange, upon which the

panes rest, flush with the grooves or rabbeted edge of said frame.

e represents an annular ring or sleeve, of corresponding diameter with the ring or sleeve *c*, and provided with an inclined depending base-flange, *f*, similar to the flange *d*, except that the recesses in the flange *f* project upwardly above the plane of the intermediate portion of the flange. This annular ring *e* rests upon the top of the ring *c*, leaving a space between the base-flange, *f*, and corresponding flange *d* of the ring *c*, to receive the sash-frame within the recesses and the glass panes within the intermediate space.

The annular ring *e* should project a sufficient distance above the apex of the hatch to receive a removable cap, as shown, and contain a pivoted gate, *g*, for regulating the size of the opening, or closing the same, if desired.

The sash-frame and glass panes may be secured between the respective base-flanges *d f* in any suitable manner, and rendered watertight by cement or otherwise, and the respective rings *c e* be connected by riveting or in any well-known way.

The device is simple, cheaply produced, materially strengthens the structure, which is generally frail, and presents a slightly appearance.

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

A skylight-hatch provided with a central opening for ventilating purposes, fitted with annular rings or sleeves having depending base-flanges *d f*, arranged to form a space to receive the sash-frame and intermediate glass panes, substantially as shown and described.

SEMON J. PARDESSUS.

Witnesses:

JULES HALBRAN,
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