

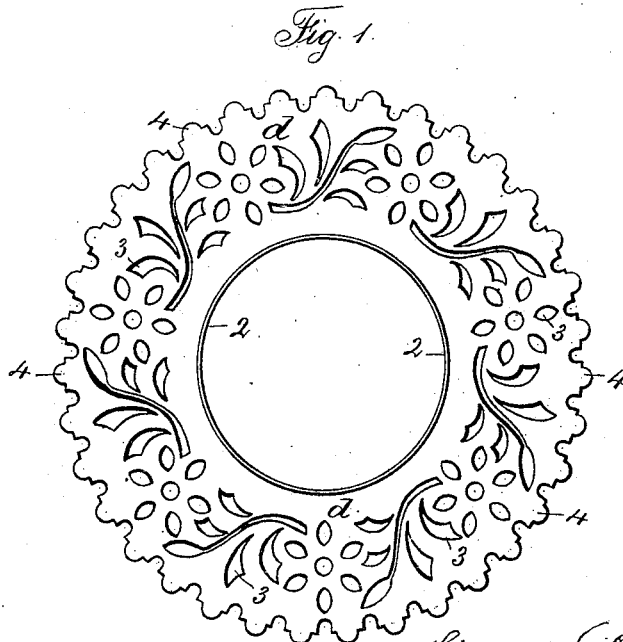
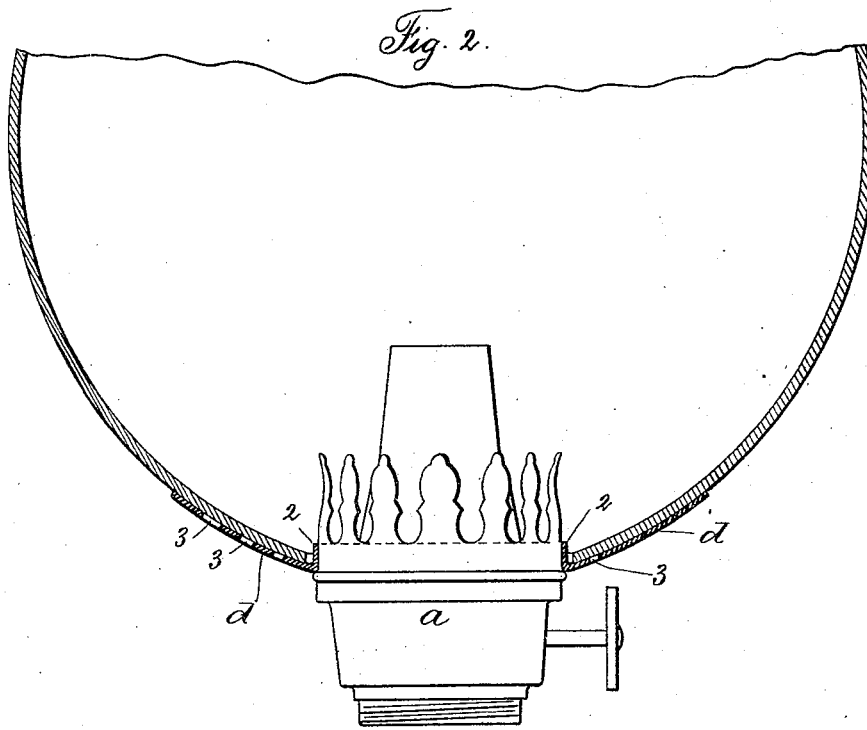
(No Model.)

H. W. HAYDEN.

GLOBE HOLDER FOR ARGAND LAMPS.

No. 266,470.

Patented Oct. 24, 1882.



Witnesses
J. Haib
Chas. H. Cloud

Inventor
Hiram W. Hayden
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UNITED STATES PATENT OFFICE.

HIRAM W. HAYDEN, OF WATERBURY, CONNECTICUT, ASSIGNOR TO HOLMES,
BOOTH & HAYDENS, OF SAME PLACE.

GLOBE-HOLDER FOR ARGAND LAMPS.

SPECIFICATION forming part of Letters Patent No. 266,470, dated October 24, 1882.

Application filed July 17, 1882. (No model.)

To all whom it may concern:

Be it known that I, HIRAM W. HAYDEN, of Waterbury, in the county of New Haven and State of Connecticut, have invented an Improvement in Globe-Holders for Lamps, of which the following is a specification.

Glass globes for lamps are made with an opening at the bottom, and rest upon a flange of metal around the burner. These openings vary considerably in size, and to support such globes it is necessary that the metal flange be sufficiently wide to accommodate the variations in the globes. These flanges become unsightly and cumbersome in appearance and obstruct the light. To avoid these difficulties I make the globe-holder of a zone shape, having a radius corresponding, or nearly so, to the radius of the external surface of the globe, so as to form a correct support for such globe whether the opening is small or large; and I make ornamental openings in the said holder for the twofold purpose of improving the appearance and preventing the heavy shadow that otherwise would be cast by such globe-holder, and I notch the edges of the metal of the globe-holder in order that the said globe-holder may cast less shadow without the diameter being lessened.

In the drawings, Figure 1 is a plan of the globe-holder separately; and Fig. 2 is a section of the globe-holder, showing its mode of use with a lamp burner and globe.

The burner *a* is of usual character, having a

chimney-holder and a flange or bead around it, upon which rests the improved globe-holder *d*, which is made dishing in the form of a zone, there being an upward flange, 2, surrounding the central opening for the lamp-burner. At 3 3 the sheet metal is perforated with ornamental figures for lessening the shadow cast by the globe-holder by allowing the light to shine through such perforations.

The edge of the globe-holder is notched or scalloped, as at 4 4, to form an ornamental border and to lessen the shadow cast by the globe-holder, and at the same time maintain the required size of globe-holder. The radius from which the curvature of the dishing zone is described is to correspond, or nearly so, with the radius of the glass globe. Hence such globe will be supported reliably by the globe-holder whether the opening in the globe is either large or small.

I claim as my invention—

The sheet-metal globe-holder having a central opening and flange for the Argand burner, and of a zone shape corresponding to the glass globe, and numerous perforations in the sheet metal, and a notched or scalloped edge, substantially as set forth.

Signed by me this 10th day of July, A. D. 1882.

H. W. HAYDEN.

Witnesses:

LUCIEN F. BURKE,
CHAS. G. ROOT.