

H. H. HULBURT.
Lamp-Globe.

No. 211,018.

Patented Dec. 17, 1878.

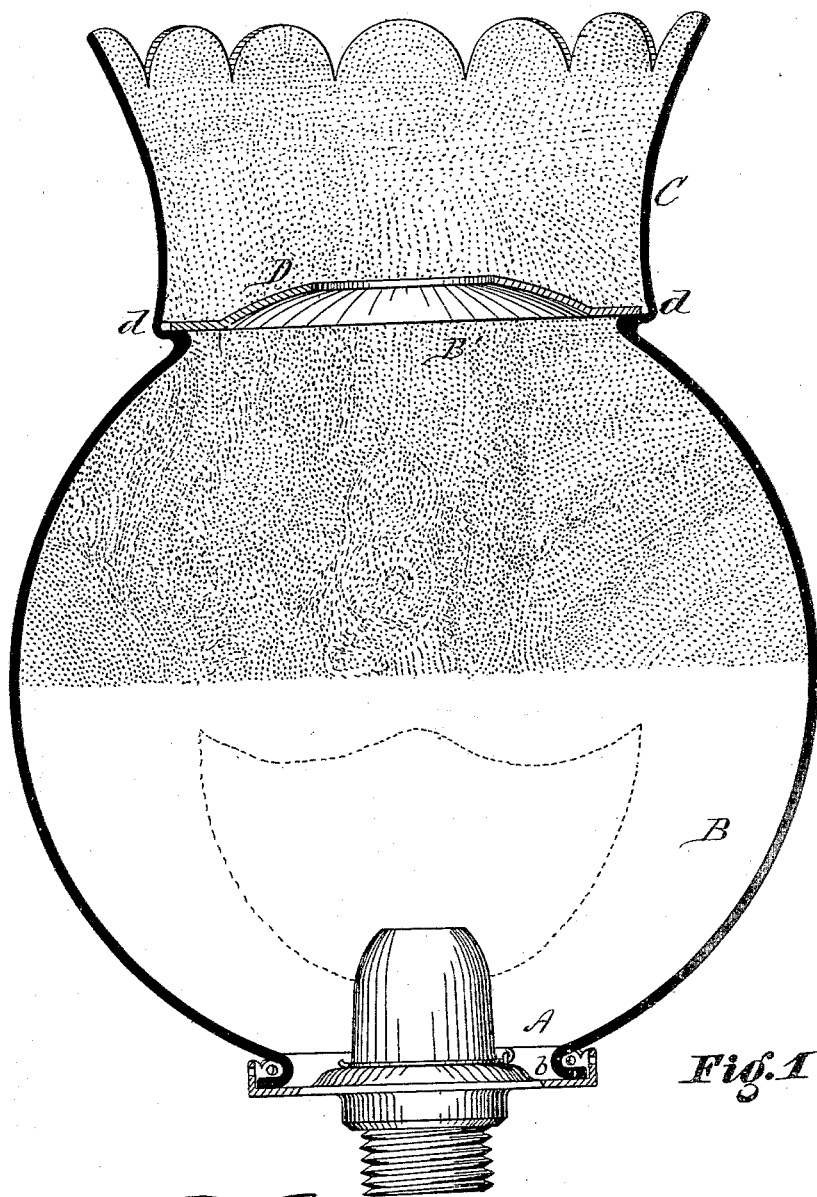


Fig. 1

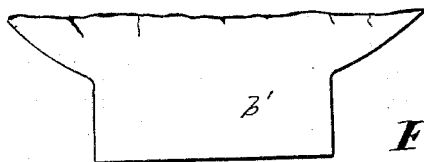


Fig. 3

WITNESSES:

S. Jackson Van Stavern
Jos. B. Connolly

INVENTOR,

Henry H. Hulburt.

Robt Connolly & Bros. ATTORNEYS.

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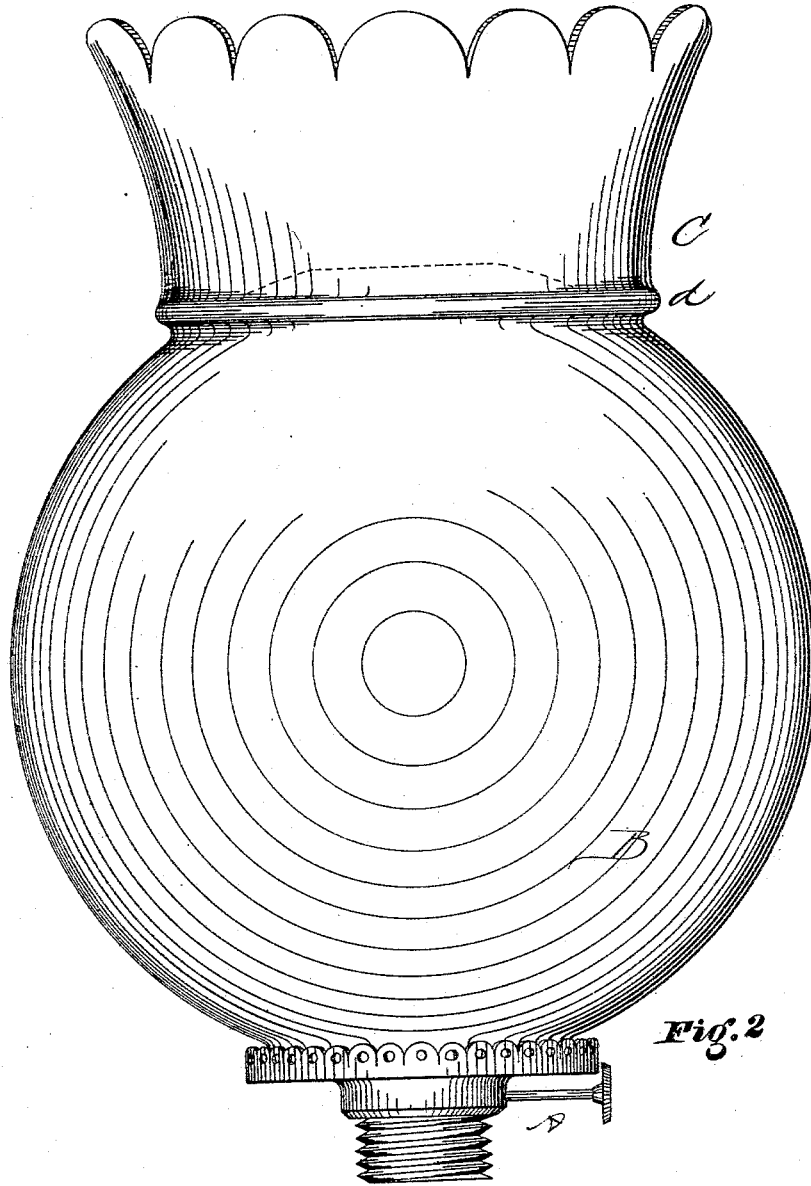


Fig. 2

WITNESSES:

S. Jackson Van Stavern
Jos. B. Connolly

INVENTOR,

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UNITED STATES PATENT OFFICE.

HENRY H. HULBURT, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN LAMP-GLOBES.

Specification forming part of Letters Patent No. 211,018, dated December 17, 1878; application filed November 12, 1878.

To all whom it may concern:

Be it known that I, HENRY H. HULBURT, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Combined Lamp Globe, Chimney, and Reflector; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a central vertical sectional view of my invention. Fig. 2 is a side view, and Fig. 3 is a detail view, of modification.

My invention has for its object to provide means for increasing the draft of metal-top globes used in lieu of chimneys on lamp-burners, and at the same time to conceal the metal top, so as to produce an improved finish.

My invention consists of a globe having a chimney-like extension, integral therewith above its upper opening, and a rabbet or ledge for the reception of a metal plate or reflector located at the junction of the body of the globe and said extension. The upper half of the globe and its extension are frosted or ground, so as to conceal the metal plate, while the lower half of the globe is smooth or plain, to permit the free passage of the light reflected downward by the metal plate.

My invention further consists in the combination, with the globe having the chimney-extension and rabbet, and frosted or roughened, as described, of a metal plate located within and concealed by said parts, as hereinafter fully described.

Referring to the accompanying drawing, A indicates a lamp-burner, of any suitable construction, with my improved device applied thereto. B is a globe, which may have the usual flaring globe-flange *b*, as shown in Fig. 1, or may have a straight up-and-down annular flange, *b'*, as shown in Fig. 3, to fit it on the lamp-burner. B' represents the top opening or mouth of the globe, and C a chimney-like extension proceeding upwardly therefrom. At or about the junction of the globe-body B and the chimney-extension C is formed a rabbet, ledge, or groove, *d*, for the reception of a

metal plate, D. The office of this plate is that of metal tops for globes now in use—namely, to contract the opening of the globe, so as to cause the draft to pass through the diminished opening *d'*, and also to reflect the light from the flame downwardly.

The chimney-extension C increases the draft through the opening *d*, and thereby improves and steadies the light. The upper half of the globe-body B and the chimney-extension C are roughened or frosted in any suitable manner, whereby the metal plate, when fitted on the rabbet *d*, is concealed from view. Said plate can thereby perform its useful functions without impairing the ornamental appearance of the globe, or the finish and symmetry obtained by the employment of the chimney-extension C.

I am aware that chimneys having an enlargement or bulb are not new, and that a globe with a metal top as a substitute for a lamp-chimney is now in use. I do not wish, therefore, to be understood as claiming either of these; but

What I do claim is—

1. A globe, B, having a chimney-extension, C, and a ledge, *d*, for the reception of a metal plate, D, said chimney-extension being larger in diameter than the internal diameter of the ledge, so as to admit said plate, substantially as shown and described.

2. In combination with a globe, B, having an extension, C, and ledge or support *d*, a metal plate, D, located therein, substantially as shown and described.

3. In combination with the metal plate or reflector D, a globe, B, having a chimney-like extension, C, the upper half of said globe and the extension being roughened or frosted, to conceal said plate, and the lower half of said globe smooth or plain, to permit the passage of the light reflected downward by the plate D, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of October, 1878.

HENRY H. HULBURT.

Witnesses:

GEO. C. SHELMERDINE,
M. D. CONNOLLY.