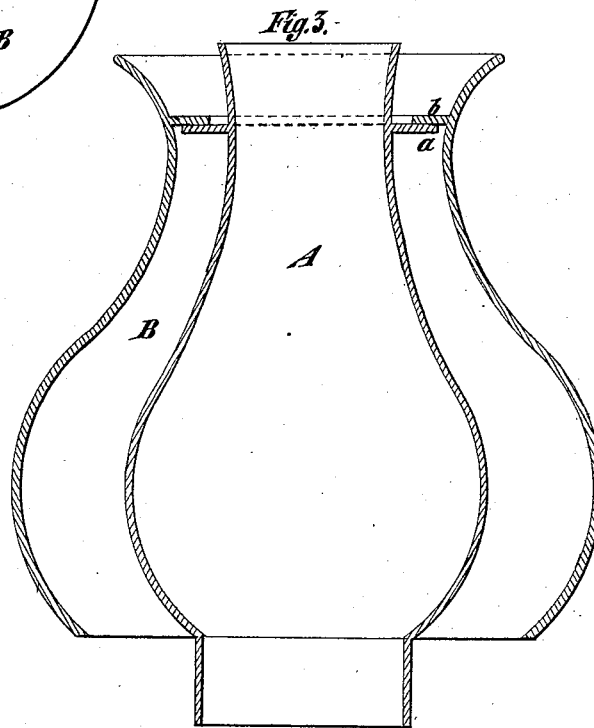
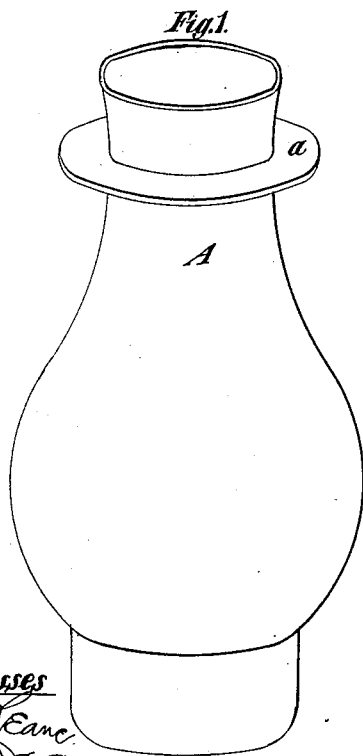
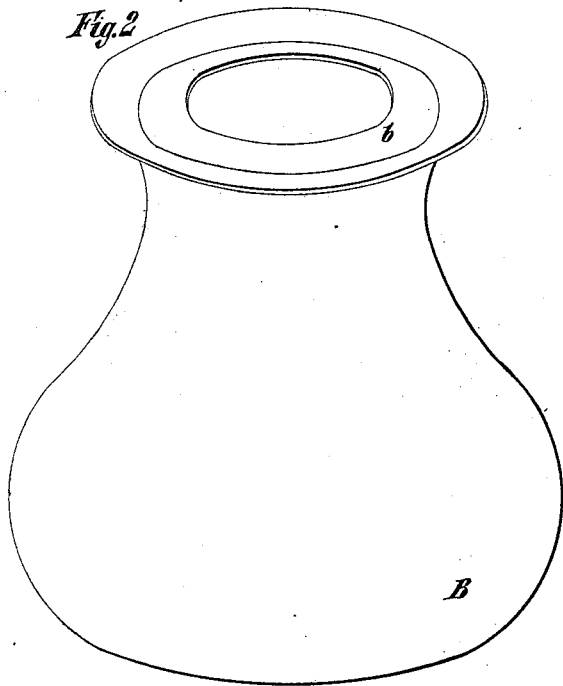


(No Model.)

J. J. DILLON.  
CHIMNEY AND SHADE.

No. 266,443.

Patented Oct. 24, 1882.



*Witnesses*  
*J. H. Kane*  
*James R. Bowen.*

*Inventor*  
*James J. Dillon*  
*By* *Kroatt.*  
*Edwin H. Braun.*

# UNITED STATES PATENT OFFICE.

JAMES J. DILLON, OF BROOKLYN, NEW YORK.

## CHIMNEY AND SHADE.

SPECIFICATION forming part of Letters Patent No. 266,443, dated October 24, 1882.

Application filed February 13, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES J. DILLON, of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Chimneys and Shades, of which the following is a specification.

My improvement consists in the combination of a chimney forming of itself a complete draft-inducing device, and having near the top an outwardly-extending flange, and a shade having near the upper end a flange made integral with it and projecting inward relatively to its mouth or upper end, whereby the shade may be conveniently supported from the chimney at a point above the flame within the chimney, air is prevented from passing upward between the chimney and shade in sufficient quantity to induce an excessive draft in the chimney, and the parts withal may be easily cleaned.

In the accompanying drawings, Figure 1 is a perspective view of a chimney embodying my improvements. Fig. 2 is a perspective view of a shade embodying my improvements, and Fig. 3 is a central vertical section of the chimney and shade combined.

Similar letters of reference designate corresponding parts in all the figures.

A designates the chimney, which may be of any approved form, and which is provided with an outwardly-extending flange, *a*, near the top. This flange may be made of glass and integral with the chimney, and the chimney forms of itself a complete draft-inducing device.

B designates a shade of any suitable or desirable form, which, as here shown, is made of glass. Near the upper end it is provided with a flange, *b*, which extends inward relatively to the mouth or upper end. This flange is made

integral with the shade, and is adapted to rest on the flange *a* of the chimney. The shade is thus supported by the chimney above the position occupied by a flame in the chimney. The flanges *a* and *b* of the shade and chimney form a lap-joint, which preclude rarefied air passing up between the chimney and shade in sufficient volume to induce an excessive draft outside the chimney.

It will be seen that by my improvements I provide for supporting a shade in such a way that no shadows will be cast and that the chimney and shade can be easily cleaned.

I am aware that it is old to provide a lamp-chimney with an external annular bead greater in diameter than the internal diameter of the neck of a shade to be used with the chimney, so that the shade will be supported by said bead when placed on the chimney; but such construction is not so desirable as is mine, because of the great variations in the sizes of chimneys and shades as usually made, and which are supposed to be of uniform sizes.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with a chimney forming of itself a complete draft-inducing device and having near the top an outwardly-extending flange, of a shade having near the upper end a flange made integral with it and projecting inward relatively to its mouth or upper end, and resting on the flange of the chimney, substantially as specified.

JAMES J. DILLON.

Witnesses:

T. J. KEANE,  
ED. L. MORAN.