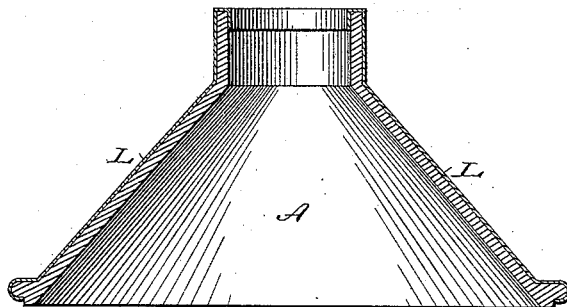


(No Model.)

J. DABLE.  
LAMP SHADE.

No. 305,297.

Patented Sept. 16, 1884.



Witnesses:

Frederick Goodrum  
W. V. Brown

Inventor:

John Dable  
By W. M. Stout  
attorney

# UNITED STATES PATENT OFFICE.

JOHN DABLE, OF CHICAGO, ILLINOIS.

## LAMP-SHADE.

SPECIFICATION forming part of Letters Patent No. 305,297, dated September 16, 1884.

Application filed September 3, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN DABLE, of the city of Chicago, county of Cook, and State of Illinois, have invented certain Improvements  
5 in Lamp-Shades, of which the following is a specification.

My said improvement will be hereinafter fully described with reference to the accompanying drawing, which represents a central  
10 vertical section of a glass lamp-shade, A, provided with a protecting metallic jacket, L, constructed and attached thereto, as hereinafter described.

In my pending application for Letters Patent for an improvement in apparatus for coating lamp-shades with silver, filed July 26, 1883, a full description is given of the devices used by me in silvering my lamp-shades; but  
15 as I make no claim herein for those devices, no description of the same is deemed necessary herein. After the shade, blown in one piece and shown in the drawing, is duly silvered, as described in the said application, and also provided with an annular groove in its lower  
20 edge, as shown, it is provided with a metallic jacket, L, which completely covers and protects its exterior surface from breakage and from having the outer coating rubbed or  
25 scratched off. The said jacket is made of sheet metal, which is spun around and upon

a suitable form, and then its upper and lower edges are bent inwardly around the upper and lower edges, respectively, of the shade, and will thus be held in position without other  
fastening. The lower edge of the jacket enters  
35 the groove in the lower edge of the shade, as shown. That groove is not, however, an essential feature of my invention, and the lower edge of the jacket may be simply bent inwardly around the lower edge of the glass  
40 shade. The outer surface of the jacket may be japanned to give it a smooth and handsome appearance.

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

The protected lamp-shade described, composed of the shade proper in one piece of glass,  
45 and the protecting-shield for the same in a single piece of sheet metal, and fastened upon the outside of the glass by having its upper  
50 and lower edges, respectively, bent inwardly around the upper and lower edges, respectively, of the glass shade as the means of fastening the same thereupon, substantially as described.

JOHN DABLE.

Witnesses:

JAMES LEWIS,  
GEORGE WORLEY.