2 Sheets—Sheet 1.

C. & A. C. WILHELM.

Lamp Shade.

No. 23,875.

Patented May 3, 1859.

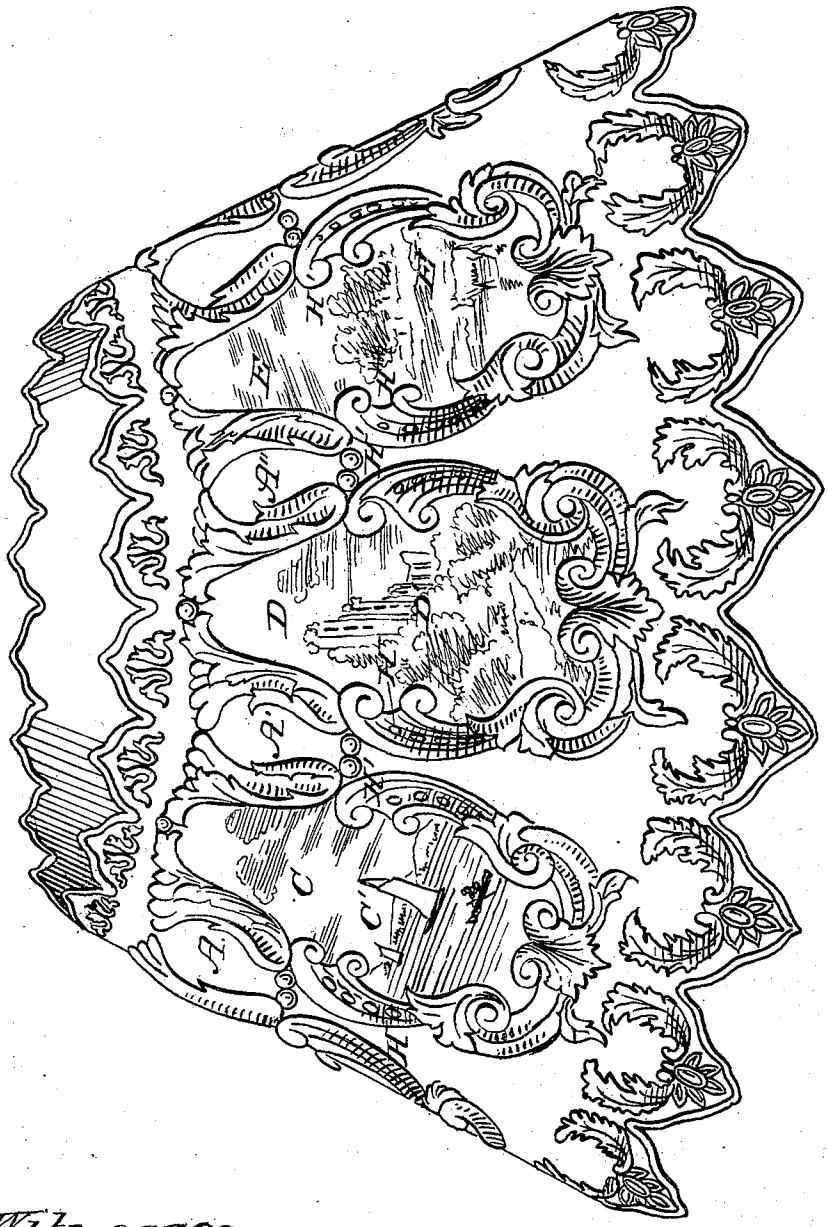


Fig. 1.

Witnesses

Jas. Wm. Child

J. A. Jenkins

Charles Wilhelm

Amra Catharine C. Wilhelm

Inventors

N. PETERS. Photo-Lithographer, Washington, D. C.

2 Sheets—Sheet 2.

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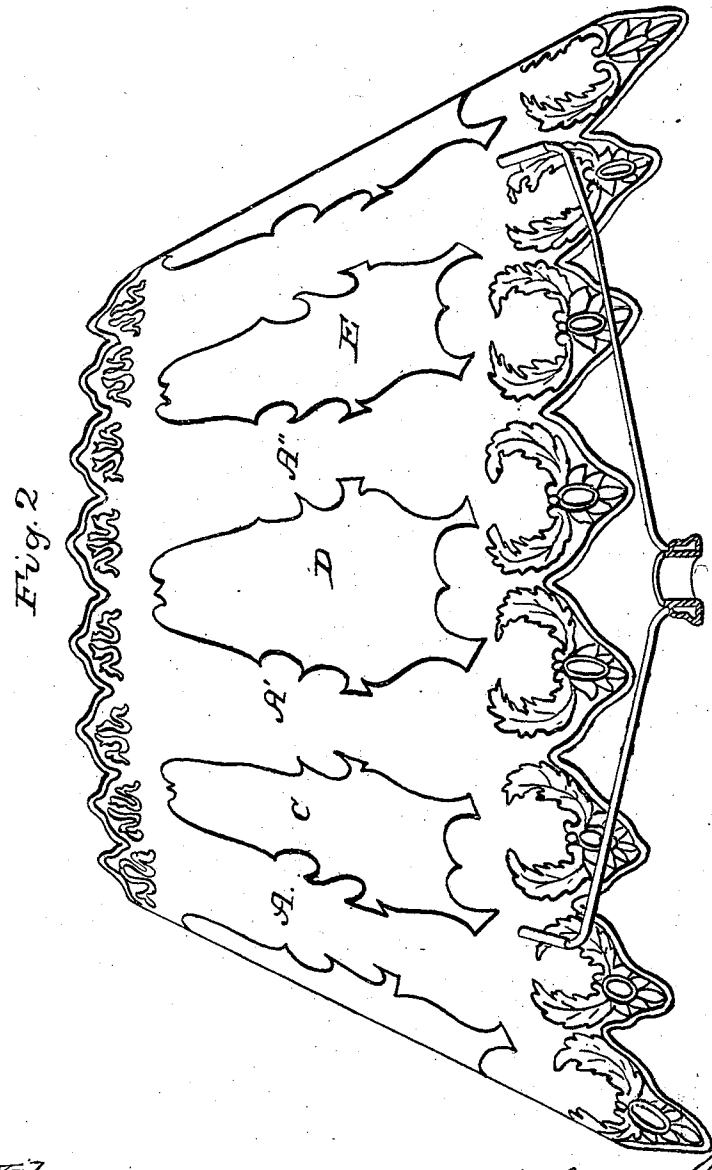


Fig. 2

Witnesses
J. Mine Child
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UNITED STATES PATENT OFFICE.

CHARLES WILHELM AND ANNA C. WILHELM, OF PHILADELPHIA, PENNSYLVANIA.

LAMP-SHADE.

Specification of Letters Patent No. 23,875, dated May 3, 1859.

To all whom it may concern:

Be it known that we, CHARLES WILHELM and ANNA C. WILHELM, of Philadelphia, Pennsylvania, have invented a new and useful Improvement in Lamp-Shades; and we do hereby declare the following to be a full and exact description of the same.

The nature of improvement consists in interposing pictures painted or printed on paper between sheets of thin mica at intervals in suitable apertures made in a metallic frame.

In the accompanying drawings, Figure 1 represents a perspective view of our improved lamp shade; Fig. 2 an interior view of it as shown by a section.

A A′ A″ represents a metallic frame composed of tin or other metal. A series of openings or apertures C, D, E, etc., are made around the circumference of the shade. The series of pictures C′, D′, E′ are placed between sheets of mica of size corresponding to the picture. When so prepared the pictures inclosed between the pieces of mica are placed in the openings and rest on the back against the edges of the openings and in front are retained by a small ornamental frame H H′ H H′ H H.′ The inside of the metal part of the frame A A′ A″ is painted white so as to give a good reflecting surface. The picture C, D, E over these openings in the frame permit a portion of light to pass through and give a very ornamental appearance to the room while the mica on the inside prevents the paper from taking fire; and the mica on the outside gives a permanent luster to the picture and protects it from the effect of moisture, so that it can be easily washed off and kept bright.

This improvement permits a complete shade of a highly ornamental external appearance perfectly safe from risk of fire and which may be cleansed, and which is unaffected by the atmosphere. It is an improvement, for it obviates the necessity of having a distinct mica protector and paper shade, and is far more durable being in fact imperishable.

Having thus described our improvement what we claim as our invention and desire to secure by Letters Patent is—

The combination of the metallic shade A A′ A″ with the paper pictures C′ D′ E′ between sheets of mica as above described.

CHARLES WILHELM.
ANNA CATHARINE WILHELM.

Witnesses:
J. G. MINI CHILD,
J. H. P. JENKINS.