W. SIMONS.

Lamp-Shades.

No. 137,034. Patented March 18, 1873.

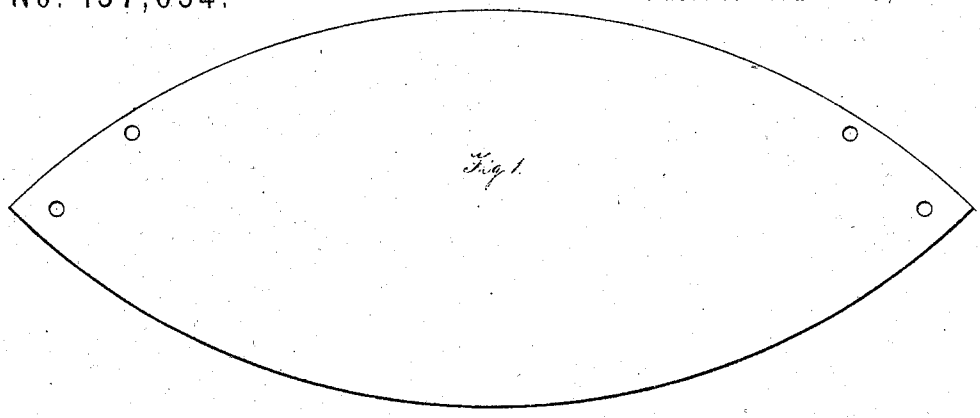


Fig. 1.

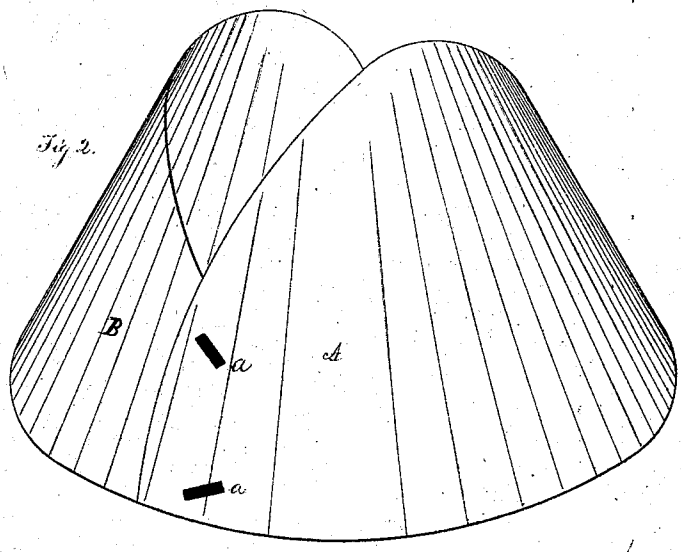


Fig. 2.

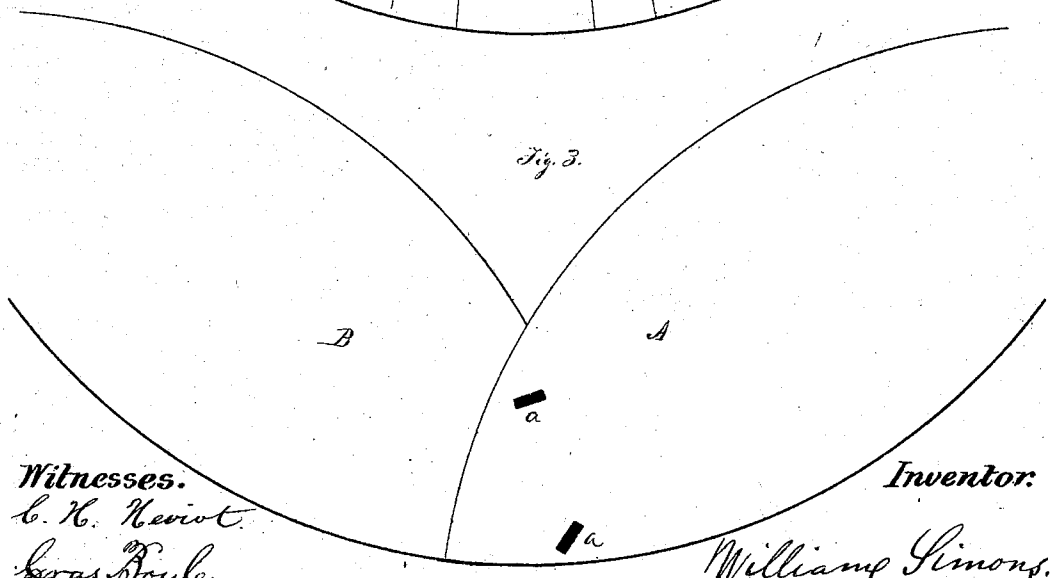


Fig. 3.

Witnesses.
C. H. Heriot
Geo. Boyle.

Inventor.
William Simons.

AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS)

UNITED STATES PATENT OFFICE.

WILLIAM SIMONS, OF CHARLESTON, SOUTH CAROLINA.

IMPROVEMENT IN LAMP-SHADES.

Specification forming part of Letters Patent No. **137,034**, dated March 18, 1873.

To all whom it may concern:

Be it known that I, WILLIAM SIMONS, of Charleston, in the county of Charleston and State of South Carolina, have invented certain Improvements in Lamp-Shades, of which the following is a specification:

My invention consists in a lamp-shade made of two like parts, each of the figures formed by the intersection of arcs of circles whose diameters are equal, which are lapped and united at their ends in such a manner that, while the lower part of the shade forms a complete circle, the upper portion is open in a shape which peculiarly adapts it for use with the fan-shaped gas or lamp flame.

In the drawing, Figure 1 is a plan view of one of the parts or halves of the shade; Fig. 2, a perspective view of the shade complete; and Fig. 3, a plan view of the two parts thereof detached or disconnected at one end.

A and B indicate the two parts composing the shade, shaped or pointed. Each is perforated at *a a* on one side near the end, and the parts are fastened together by detachable rivets or equivalent devices passing through the holes *a a*, as shown in Fig. 2. The shade is thus conical in its general form, but has V-shaped notches at the top, on opposite sides, while the bottom is a complete circle. The upper edge is thus adapted to shade and reflect the light of the fan-shaped flame of a common lamp or gas-burner, without coming into contact with it at its lateral extremities, and admitting the free passage of heated air.

It will be perceived that both parts of the shade, being identical in form, may be cut out by the same die or instrument. When required to be packed for transportation or other purpose, the parts A B require to be detached at one side only, in order to be superposed upon a plane surface.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As an improved article of manufacture, the shade formed of the two like parts A and B, each shaped as shown and described, and lapped and united at their ends by detachable fastenings *a a*, so as to form V-shaped notches at the top and a complete circle at the bottom, as shown and described, for the purpose specified.

WILLIAM SIMONS.

Witnesses:

C. N. HEVIOT,

CHAS. BOYLE.