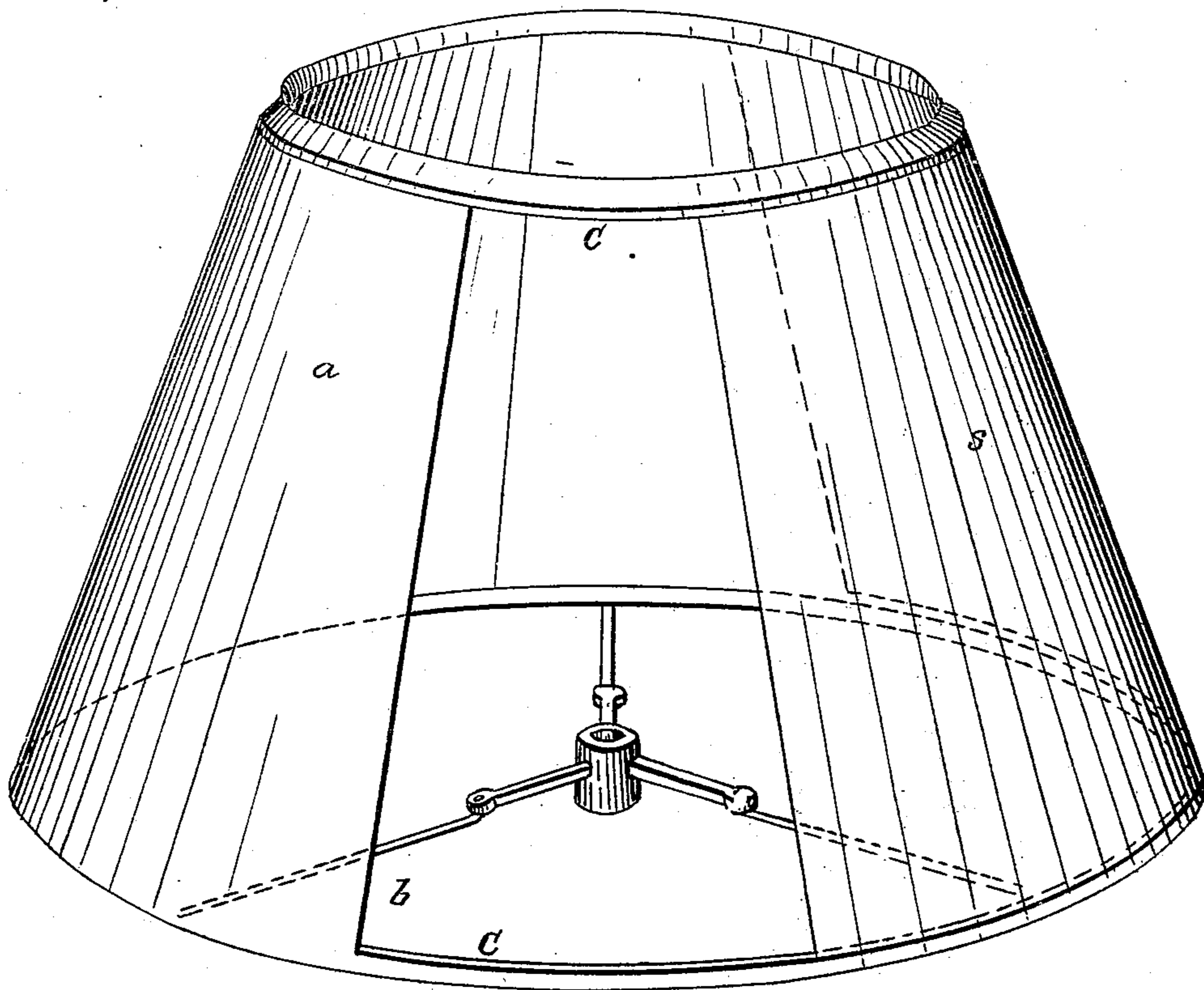


M. J. WELLMAN.  
Lamp or Gas Shade.

No. 39,438.

Patented Aug. 4, 1863.



Witnesses:

A. Thomas.  
J. White.

Inventor:

M. J. Wellman  
R. J. Greenough atty

# UNITED STATES PATENT OFFICE.

MARION J. WELLMAN, OF NEW YORK, N. Y.

## IMPROVEMENT IN LAMP OR GAS SHADES.

Specification forming part of Letters Patent No. **39,438**, dated August 4, 1863; antedated May 19, 1863.

*To all whom it may concern:*

Be it known that I, MARION J. WELLMAN, of the city, county, and State of New York, have invented certain new and useful Improvements in Lamp or Gas Shades; and I do hereby declare the following to be a full, clear, and exact description thereof, referring to the accompanying drawing, in which it is represented in perspective.

Heretofore shades have been made to encircle the light, or partially encircle it, so as to shut it off or partially obscure it in one direction, while it was directed with full intensity to another point. This permanent arrangement is often found very inconvenient and ill-adapted to all purposes without a multiplicity of shades. To remedy this defect I have made my device as follows: I form a conical, dome-shaped, or othersuitable configuration of shade to surround the light, a specimen of one form of which I show in the drawing, where the cone form is used. One-half or more of this shade I make stationary, as at *a*, leaving the other portion open, as at *b*. I form a grooved ring, *c*, entirely around the circle at the top and bottom of the stationary portion of the shade *a*, to which said grooved rings are affixed. These grooved rings serve as a guide, in which a sliding screen or curtain, *s*, of metal, moves, that closes the open portion of the shade at *b*, either in whole or in part, as is desired. When the sliding screen is opened,

it slides back on the inside or outside of the stationary portion *a* of the shade, and thus leaves a free space for the emission of light on one side, and as the shade itself can be revolved, this space can be turned in any direction. The size of the opening being determined by the distance to which the screen is opened, more than one leaf may be made for the sliding screen, but in ordinary cases it will be best to have but one. The stationary and movable part of this shade can be ornamented in various ways by painting, embossing, &c., and the grooved rims may be made of picturesque outline, highly ornamental. It is obvious that the screens can be hinged instead of sliding without changing the invention.

Having thus fully described my improvement in shades, I wish not to be understood as having claimed the invention of opening screens, as they are in use and well known for various purposes, but have never been connected with shades as herein described; therefore,

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

The employment of opening screens, in combination with shades, as and for the purpose set forth.

MARION J. WELLMAN.

Witnesses:

C. B. LE BARON,

HOMER H. WELLMAN.