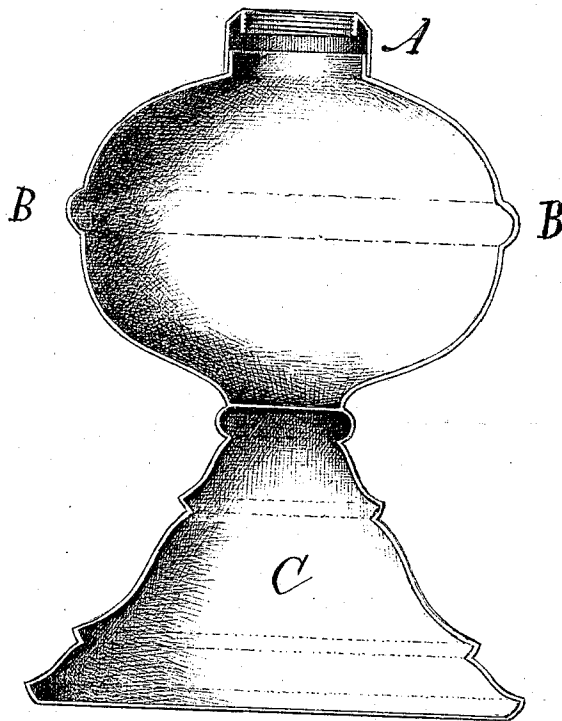


G. W. Thompson,

Coating Lamps.

No. 113,365.

Patented Apr. 4. 1877.



Witnesses

Wm B. Garvey
E. B. Thomson

Inventor
George W. Thomson

United States Patent Office.

GEORGE W. THOMSON, OF BUFFALO, NEW YORK.

Letters Patent No. 113,365, dated April 4, 1871.

IMPROVEMENT IN COATING LAMPS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, GEORGE W. THOMSON, of Buffalo, in the county of Erie in the State of New York, have invented a new and improved Mode of Preventing Coil-oil Lamps from Exploding; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The invention is an improvement on the lamp on which a patent was granted to me July 26, 1870, and numbered 105,867.

The nature of the improvement consists in using shellac for the external coating of the lamp, prepared and applied in the following manner: first, dissolve the shellac in alcohol to the consistency of thin varnish; then heat the lamp to such a degree as to vaporize the alcohol quickly, as the shellac solution is applied by a soft varnish-brush. After two or three applications of the shellac-solution in this manner,

keeping the lamp heated during the intervals, it forms a transparent permanent coating that coil-oil or fluid will not remove. Nothing but a strong alkali or alcohol will remove it; therefore it makes a cheap and desirable coating for the lamp.

It being my object to make a safe and attractive lamp at a price within the reach of the common people, I desire to protect this manner of coating, which, in its application to copper lamps, is original with myself, while it is much cheaper than bronze or silver-plating.

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

The coating of shellac, prepared and applied to copper lamps for an external coating, as herein described.

GEORGE W. THOMSON.

Witnesses:

WM. B. GARVEY,
ELIZABETH B. THOMSON.