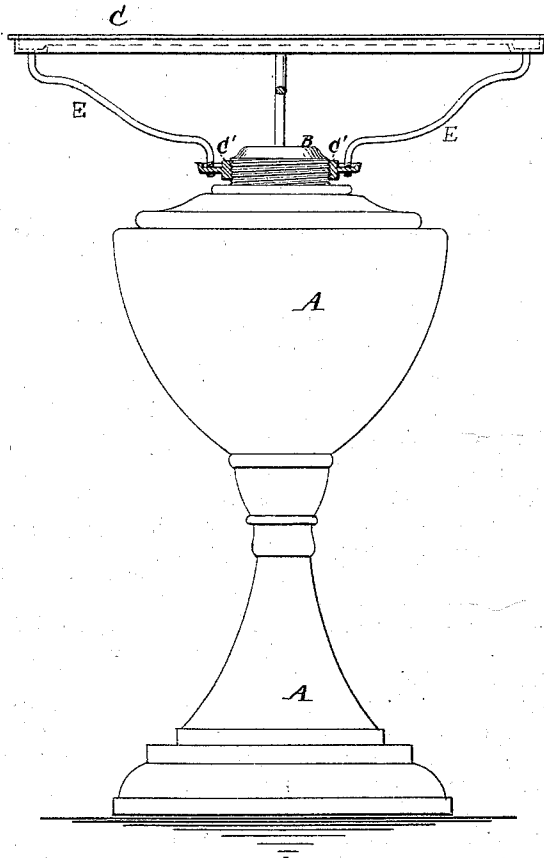


G. W. HADFIELD.

Combined Lamp-Collars and Shade-Holders.

No. 150,950.

Patented May 19, 1874.



WITNESSES:

A. W. Almquist
Chadwick

INVENTOR:

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BY

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UNITED STATES PATENT OFFICE.

GEORGE W. HADFIELD, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN COMBINED LAMP-COLLARS AND SHADE-HOLDERS.

Specification forming part of Letters Patent No. **150,950**, dated May 19, 1874; application filed March 21, 1874.

To all whom it may concern:

Be it known that I, GEORGE W. HADFIELD, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Lamp-Collar and Shade-Holder, of which the following is a specification:

The figure is a side view of a lamp and shade-holder, partly in section, to show the construction.

The invention will first be fully described, and then pointed out in the claim.

A represents a lamp, to which a collar, B, is applied in the usual way. C is the shade-holder, affixed by supports E to the base ring C', which is made of such a size as to fit upon the collar B. Upon the outer surface of the collar B is formed a screw-thread, into which fits the screw-thread cut upon the inner surface

of the base ring C' of the shade-holder C. By this means the shade-holder will be firmly and securely connected with the lamp in such a way as to be entirely independent of the burner, and allow the burner and chimney to be conveniently attached and detached and replaced with new ones without disturbing the shade-holder.

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

The independent ring C', attached by screw-threads to collar B, and by supports E to the shade-holder C, as and for the purpose specified.

G. W. HADFIELD.

Witnesses:

JAMES T. GRAHAM,
T. B. MOSHER.