

DESIGN.

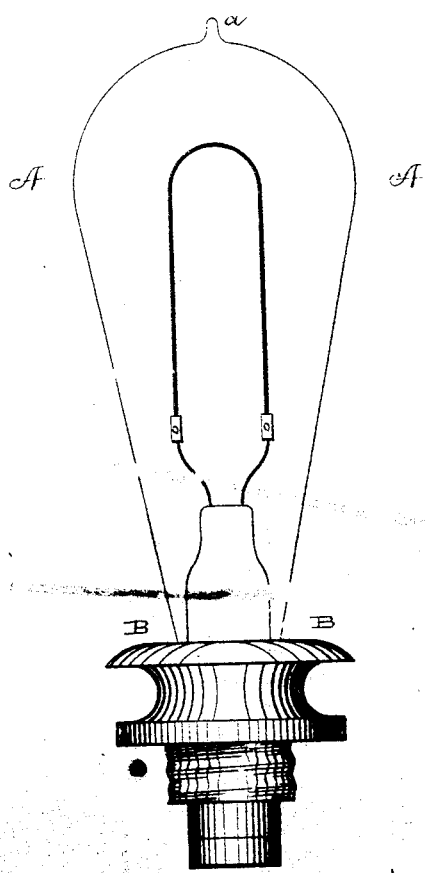
T. A. EDISON.

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INCANDESCENT ELECTRIC LAMP.

Patented Dec. 27, 1881.

*A*  
No. 12,631.



Attest:

*D. D. Mott*  
*W. H. Woodward*

Inventor:

*Thos. A. Edison*  
*per Ogden & Wilber*

# UNITED STATES PATENT OFFICE.

THOMAS A. EDISON, OF MENLO PARK, NEW JERSEY, ASSIGNOR TO THE  
EDISON ELECTRIC LIGHT COMPANY, OF NEW YORK, N. Y.

## DESIGN FOR AN INCANDESCENT ELECTRIC LAMP.

SPECIFICATION forming part of Design No. 12,631, dated December 27, 1881.

Application filed November 30, 1880. Term of patent 14 years.

*To all whom it may concern:*

Be it known that I, THOMAS A. EDISON, of Menlo Park, in the county of Middlesex and State of New Jersey, have invented and produced a new and original Design for Incandescent Electric Lamps, of which the following is a specification, reference being had to the accompanying drawing, which is a sectional view of a lamp constructed according to my design.

Heretofore the glass globes used to inclose the carbons of incandescent lamps have been made either of a spherical shape or in the form, when viewed in section, of an ellipse elongated at the ends.

The leading feature of my design consists of having the upper portion of the globe of the form (when viewed in section) of a semicircle and the lower part gradually tapering down to the bottom, where it is set into a socket. The

widest portion of the globe is from A to A, and the form of the globe above these points is a half-sphere, except when it is broken by the projection *a*, which is occasioned by the breaking off of the stem of glass remaining after blowing the globe. Below the points A A the diameter of the globe becomes smaller until at the points B B. When it is set into the socket it is less than one-half the diameter A A. It will be seen that the globe is thus approximately pear-shaped.

What I claim is—

The design for incandescent electric lamps herein described and shown.

This specification signed and witnessed this 23d day of November, 1880.

THOMAS A. EDISON.

Witnesses:

H. W. SEELY,  
ERNEST J. BERGGREN.