

DRAWING PAGE UNAVAILABLE

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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 INCANDESCING ELECTRIC LAMP.

SPECIFICATION forming part of Design No. 13,940, dated May 29, 1883.

Application filed March 16, 1883. 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 a new and original Design for Incandescing Electric Lamps, (Case No. 545,) of which the following is a specification.

The object I have in view in producing this design is to imitate in the carbon burner or incandescing conductor of an electric lamp the form of the flame of an ordinary gas-jet—that is, narrow at its lower portion, flaring outwardly toward the top, and depressed in the middle; and the leading feature of my design consists in an incandescing conductor formed in this shape. I prefer to employ also in connection with this conductor an inclosing-globe of substantially similar form.

My invention is illustrated in the annexed drawing, which represents in elevation an incandescing electric lamp formed according to my design.

In this lamp two carbon filaments, A and A', are used, connected together electrically at *a*. Each filament is looped, as shown, and the two

are bent out so as to diverge from each other and form the shape shown. The glass globe B, which incloses this conductor, is blown in a shape whose section is similar in shape to said conductor, it being narrow at the bottom where the supporting-tube *b* is sealed to it, and flaring outwardly to near the top. A projection, *c*, is formed at the top of the globe. The burner thus formed, when rendered incandescent by the electric current, presents an outline similar to that of a gas-flame.

What I claim is—

1. The incandescing conductor of an electric lamp, shaped substantially as shown and described.

2. In an electric lamp, the incandescing conductor, shaped substantially as shown, in combination with an inclosing-globe substantially of the form shown and described.

This specification signed and witnessed this 13th day of February, 1883.

THOS. A. EDISON.

Witnesses:

H. W. SEELY,
EDWARD H. PYATT.