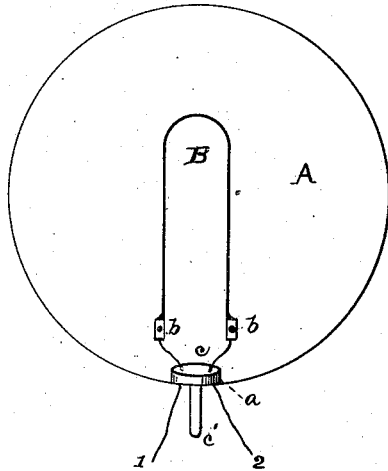


(No Model.)

T. A. EDISON.  
INCANDESCENT ELECTRIC LAMP.

No. 351,856.

Patented Nov. 2, 1886.



ATTEST:  
*E. B. Rowland*  
*Wm. C. Rogers*

INVENTOR:  
*Thomas A. Edison,*  
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*Attys.*

# UNITED STATES PATENT OFFICE.

THOMAS A. EDISON, OF LLEWELLYN PARK, NEW JERSEY.

## INCANDESCENT ELECTRIC LAMP.

SPECIFICATION forming part of Letters Patent No. 351,856, dated November 2, 1886.

Application filed October 5, 1886. Serial No. 215,342. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS A. EDISON, of Llewellyn Park, in the county of Essex and State of New Jersey, have invented a certain  
5 new and useful Improvement in Incandescent Electric Lamps, (Case No. 679,) of which the following is a specification.

The electric lamp which I generally prefer to use is one in which the carbon filament is in-  
10 closed in a hermetically-sealed exhausted glass globe, made in two parts of glass hermetically joined together, the lower part of the globe being fashioned into a neck, so that it may be readily placed in a suitable holder or socket, as  
15 more fully described in Letters Patent of the United States No. 230,255, granted to me. In some locations, however, may be desired a simple lamp capable of being suspended or swung, divested of all parts not necessary, in  
20 order that it may be cheaply made.

The object of this invention is to furnish such a lamp; and to that end it consists in the features more particularly set forth and claimed.

The accompanying drawing represents such  
25 a lamp.

A is the glass inclosing-globe, preferably made round, but with an aperture left at the point *a*.

B is the carbon filament, attached to clamps  
30 *bb*, on the terminals of the metallic conductors 1 2.

*c* is a glass disk, in which are sealed the conductors 1 2. It may or may not be provided with a handle of glass, *c'*.

The wires 1 2 being sealed in the disk and  
35 the carbon properly attached, the disk is passed into the globe through the aperture, the edges of which are then hermetically sealed upon the disk. The globe is exhausted and sealed off  
40 in the usual manner, or as described in my Patent No. 230,255, before referred to, and the result is an exhausted hermetically-sealed lamp, with the inclosing-chamber made in two glass  
45 parts hermetically joined together without the tubular inside stem or part of said patent, and of simpler construction than the lamp described in said patent.

What I claim is—

The incandescent electric lamp having, in combination, a glass inclosing-globe composed  
50 of the glass chamber and disk hermetically joined together, the incandescing conductor inclosed within such globe, and the metallic conductors leading to such incandescing conductor and passing through and sealed into  
55 the glass disk, substantially as set forth.

This specification signed and witnessed this 30th day of September, 1886.

THOS. A. EDISON.

Witnesses:

RICHD. N. DYER,  
WM. PELZER.