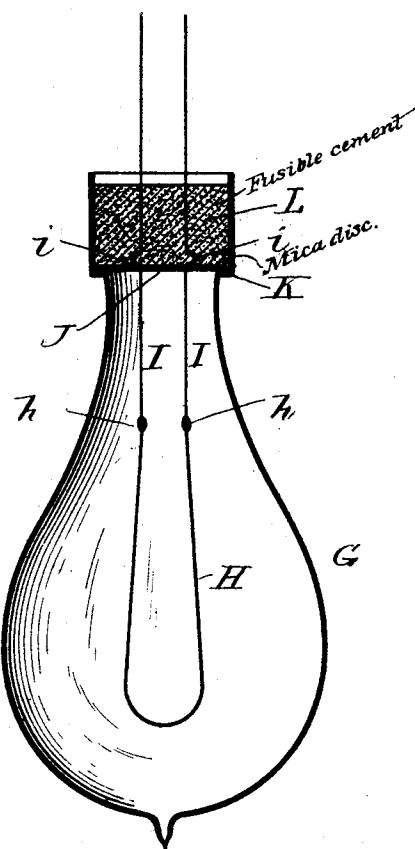


(No Model.)

W. E. NICKERSON.  
INCANDESCENT ELECTRIC LAMP.

No. 500,076.

Patented June 20, 1893.



WITNESSES.

Frank G. Parker.  
Frank G. Hattie

INVENTOR

William Quincy Nickerson

# UNITED STATES PATENT OFFICE.

WILLIAM EMERY NICKERSON, OF CAMBRIDGE, MASSACHUSETTS.

## INCANDESCENT ELECTRIC LAMP.

SPECIFICATION forming part of Letters Patent No. 500,076, dated June 20, 1893.

Application filed April 3, 1893. Serial No. 468,935. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM EMERY NICKERSON, of Cambridge, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Incandescent Electric Lamps, of which the following, taken in connection with the accompanying drawing, is a specification.

My invention relates to incandescent electric lamps of that class in which the neck of the lamp is closed and the leading-in wires supported by a fusible cement plug.

It consists of a device by which the manufacture of the lamp is facilitated.

In the accompanying drawing G is the glass bulb of an incandescent electric lamp, H the filament attached at *h h* to the leading-in wires I I.

J is a disk of mica or other suitable substance resting upon the shoulder K formed in the neck of the lamp globe and which serves as a support for the leading-in wires I I and the cement plug L. The leading-in wires I I

are provided at *i i* with bends which serve to prevent them from dropping through the disk J during the manufacture of the lamp, and before the cement plug has been fixed. Instead of the bends, the wires may be flattened at this point, or a drop of solder may be attached to each of them.

I claim—

In an incandescent electric lamp, the combination of the glass globe G, disk J, cement plug L, filament H; with the leading-in wires I I having the bends *i i* adapted to support the said wires, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 1st day of April, A. D. 1893.

WILLIAM EMERY NICKERSON.

Witnesses:

FRANK G. PARKER,  
FRANK G. HATTIE.