

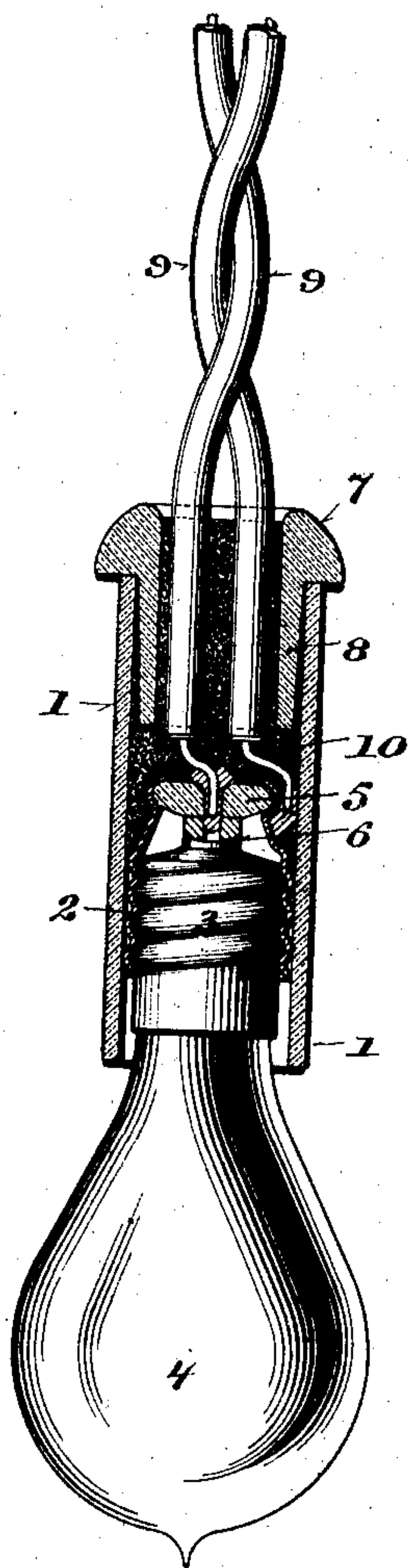
No. 874,245.

PATENTED DEC. 17, 1907.

J. J. ROONEY.

LAMP SOCKET.

APPLICATION FILED JAN. 10, 1906.



Witnesses:

Fred Palm,

George Felber

Inventor:

John J. Rooney

By Edwin B. H. Tower,

Attorney

# UNITED STATES PATENT OFFICE.

JOHN J. ROONEY, OF SCARSDALE, NEW YORK.

## LAMP-SOCKET.

No. 874,245.

Specification of Letters Patent.

Patented Dec. 17, 1907.

Application filed January 10, 1906. Serial No. 295,334.

*To all whom it may concern:*

Be it known that I, JOHN J. ROONEY, a citizen of the United States, residing at Scarsdale, in the county of Westchester and State of New York, have invented new and useful Improvements in Lamp-Sockets, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

My invention relates to improvements in lamp sockets.

It has for its object to provide a socket which will be simple and durable in construction and cheap to manufacture and wherein all conducting parts will be thoroughly insulated. Such a socket is especially suitable for lamps which are used for decorating Christmas trees or similar purposes, as all conducting parts are protected from contact with extraneous objects. In order to decorate a Christmas tree with electric lights it has been the practice to place a multiplicity of incandescent lamps upon a main conducting cord which is adapted to be run around the branches of the tree in such a manner as to properly distribute the lamps.

In order to fully explain my invention, I shall describe the preferred form thereof, which is illustrated in section in the accompanying drawing.

The socket which is shown in the drawing is preferably provided with an insulating tubular casing or sheath 1 within which is arranged an outer contact or conducting shell 2, said contact being firmly held in position in said casing by any suitable means. The outer contact is preferably screw-threaded to receive a lamp base 3 which carries a lamp 4. The outer contact 2 preferably supports an insulating block 5 which carries an inner contact 6. The casing is preferably closed at its rear end by means of a bushing or cap 7. The bushing is preferably provided with a tubular shank 8, which extends into the casing. The inner and outer contacts are preferably permanently connected to insulated terminal cords or conductors 9 which extend through the bushing 7. These cords may be attached to said contacts by means of solder.

An insulating filler 10 is preferably placed

within the rear portion of the casing to insulate the terminal cords from each other and also to unify parts of the structure of the lamp.

It will be understood that the structure illustrated in the drawing may be modified without departing from my invention as defined by the claims appended hereto.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. As a new article of manufacture, an incandescent lamp socket, comprising a piece of cylindrical tubing open at both ends, a conducting shell threaded to receive a lamp base and fitting within said tube, the ends of said tube being extended beyond the ends of said shell, an insulating base mounted in the bottom of said shell, an inner contact carried by said base, a cap or bushing mounted upon the rear end of said tube, conductors extending through said bushing, one attached to said inner contact and the other to said shell, and solid insulating material filling in the rear portion of said tube to hold the parts of the sockets in position and insulate conducting parts.

2. As a new article of manufacture, a lamp socket, comprising a cylindrical tube of insulating material, a conducting shell threaded to receive a lamp socket and fitting within said tube, said tube being prolonged beyond the ends of said shell, an insulating piece mounted in the bottom of said shell, an inner contact carried by said insulating piece, a bushing arranged upon the rear end of said tube, said bushing having a shank fitting into said tube and a bead or flange engaging the rear end of said tube, conductors passing through said bushing, one attached to said inner contact and the other to said contact shell, and a solid insulating material filling the rear portion of said tube and said bushing to hold parts of the socket in position, and insulate conducting parts.

In witness whereof, I have hereunto subscribed my name in the presence of two witnesses.

JOHN J. ROONEY.

Witnesses:

WILLIAM A. F. ALT,  
HENRY PROCTOR.