

(No Model.)

R. C. PUTNAM.
ELECTRIC LIGHT ATTACHMENT FOR LAMPS.

No. 470,008.

Patented Mar. 1, 1892.

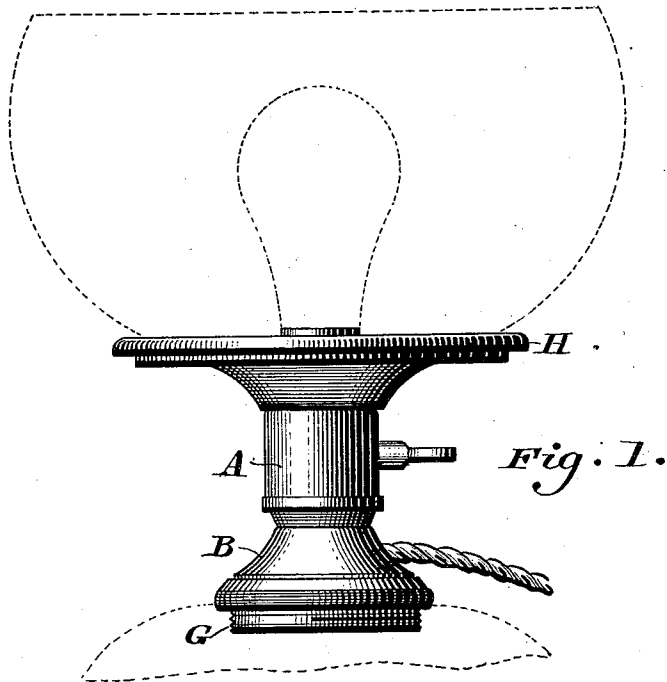
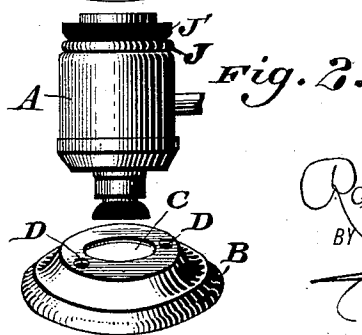
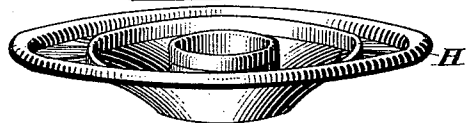
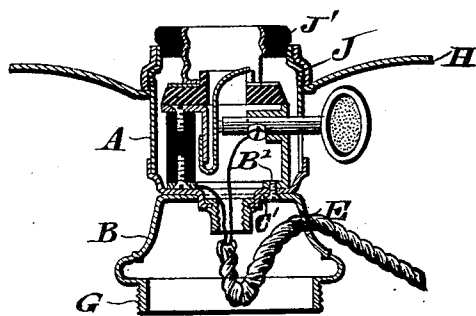


Fig. 3.



WITNESSES:
P. F. Chagler,
Wm. C. Wiedersheim.

INVENTOR
Ralph B. Putnam
BY
J. W. Wiedersheim
ATTORNEY.

UNITED STATES PATENT OFFICE.

RALPH C. PUTNAM, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO THE
J. E. CALDWELL & COMPANY.

ELECTRIC-LIGHT ATTACHMENT FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 470,008, dated March 1, 1892.

Application filed September 5, 1891. Serial No. 404,370. (No model.)

To all whom it may concern:

Be it known that I, RALPH C. PUTNAM, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Electric-Light Attachments to Lamps, which improvement is fully set forth in the following specification and accompanying drawings.

My invention has for its object the attachment of an electric light to the reservoir of an oil or other lamp, thereby utilizing the said reservoir as a support for the electric light; and for this purpose it consists of a collar and a globe-holder at opposite ends of the socket of the light, and an insulating-ring, which is located between the outer periphery of said socket and the inner periphery of said holder and having a shoulder, which bears against the holder for tightly retaining the same in position.

Figure 1 represents a side elevation of a device embodying my invention. Fig. 2 represents a perspective view of the same, the parts being separated. Fig. 3 represents a vertical section thereof.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates an electric-light socket of usual form, and B a collar, having a central opening C in its top or top plate C', through which a lower end of the socket is passed and on which the socket is seated when the latter is secured thereto by screws B', which are passed through openings D in the top of the collar and the bottom of the socket. In the side of said collar is an opening E for the electric cord F of the electric light. The collar is provided with a screw-threaded neck G, whereby it is adapted to be secured to the reservoir of a lamp.

H designates a holder to support the shade or globe of the lamp, the same being secured to the top of the socket A by being sprung upon the bead J on the socket and further controlled by the insulating-collar J' of the socket.

It will be noticed that the insulated collar or ring J occupies the space between the outer periphery of the socket and inner periphery of the holder and is secured to the socket, being also provided with a shoulder which tightens against the holder, thus securing the latter in a simple, convenient, and effective manner.

It will be seen that by attaching the collar B to the socket of an ordinary electric light said socket can be readily secured to the reservoir of an oil or other lamp, thereby utilizing the latter when an electric light is desired. The holder H permits the employment of a lamp shade or globe over the electric light, whereby the appearance of an ordinary lamp is maintained while at the same time an electric light is employed.

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

1. An electric-light socket, in combination with a collar having a plate at the top on which the base of the socket is seated, screws passing through said base and top, and a globe-holder which is connected with the socket by an insulated ring, which is secured to the socket and provided with a shoulder which bears against said holder.

2. An electric-light socket, in combination with a collar having openings E and D, the openings D coinciding with openings in the base of the socket, whereby the collar may be screwed to said socket, and a screw-threaded neck on said collar for attaching the same to a lamp-reservoir, said parts being combined substantially as described.

3. An electric-light socket, a collar having at one end a top plate on which the socket is secured and at the other end an exteriorly-threaded flange for securing it to the reservoir of a lamp, a shade-holder embracing the upper end of the socket, and an insulating-ring fitted between upper end portions of the socket and clamping the shade-holder in place, said parts being combined substantially as described.

4. An electric-light socket, a shade-holder supported on the upper end thereof, and a collar on which said socket is secured by screws passing through openings in the top
5 plate of the collar and the lower end of the socket, said collar having a threaded flange for securing it to the reservoir of the lamp and an opening in its side for the electric cord, said parts being combined substantially as described.

RALPH C. PUTNAM.

Witnesses:

JOHN A. WIEDERSHEIM,
R. H. GRAESER.