

(No Model.)

P. DUNN.
INCANDESCENT LAMP SOCKET.

No. 467,716.

Patented Jan. 26, 1892.

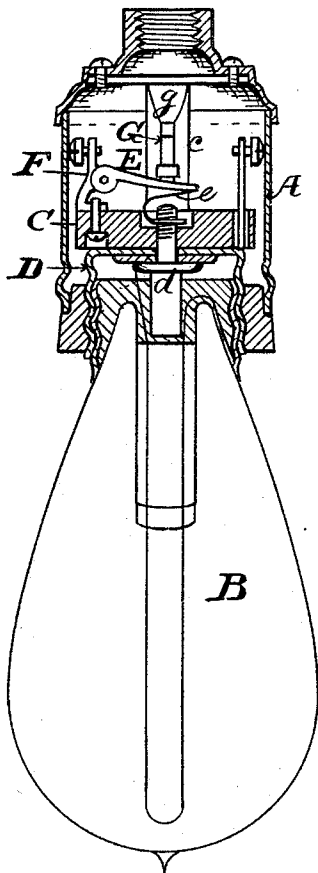


Fig. 1.

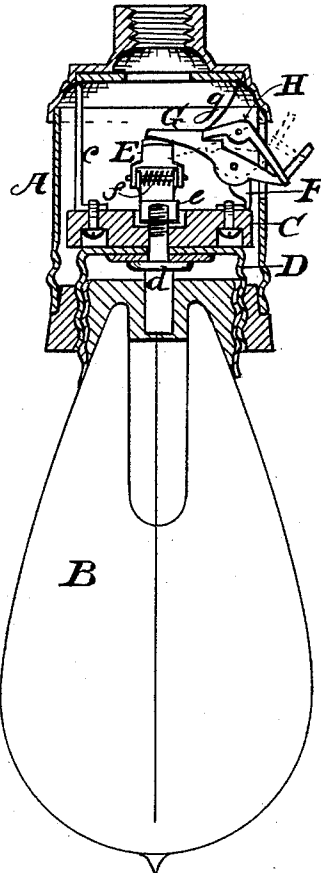


Fig. 2.

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UNITED STATES PATENT OFFICE.

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INCANDESCENT-LAMP SOCKET.

SPECIFICATION forming part of Letters Patent No. 467,716, dated January 26, 1892.

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To all whom it may concern:

Be it known that I, PATRICK DUNN, a citizen of the United States, and a resident of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Incandescent-Lamp Sockets, of which the following is a specification.

This invention relates to incandescent electric lamps, and has for its object to provide a simple circuit-closing device for such lamps; and the invention consists in the novel construction and combination of such device, as hereinafter fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a vertical section of an incandescent lamp, showing my invention as applied thereto. Fig. 2 is a transverse vertical section showing the same.

A represents the casing or shell with cap for inclosing the circuit-closing device, and B the glass bulb containing the carbon filament suspended from said casing. C is a disk supported in the casing by rods or bars *c c* from the cap-ring. D is a screw-threaded shell secured to said disk by a central bolt *d* and into which the neck of the bulb is screwed for attachment. These parts and the connections of the carbon filament are or may be all of the usual or well-known constructions. To these my improvement is attached and works in conjunction with as follows: To the bolt *d* is attached a spring-plate *e*, held by the nut on said bolt. To a binding-post F is pivoted

a lever E, whose swinging end comes in contact with the said plate *e* when pressed down. It, however, is held up by a spring *f* on its pivot-pin when not pressed down upon. In one of the bars *c* is pivoted a thumb-lever G, the inner end of which is made to bear upon the swinging end of lever E. Above the said thumb-lever G in the same slot is riveted a thumb-latch H, the inner end of which engages with notches in the upper side of the lever G, and the inner end of said latch is held down by means of a spring *g*. Thus when the thumb-lever is thrown down it will press the lever E down, close the circuit, and the latch holds it there, but may be easily released by touching the latch. Then the spring *e* opens the circuit.

Having described my invention, what I claim is—

1. The combination, with the electrical circuit in an incandescent lamp, of a pivoted spring-lever E, spring-plate *e*, thumb-lever G, and spring-latch H *g*, substantially as and for the purpose specified.

2. The combination, with disk C and screw-threaded shell D, of the central bolt *d*, spring-plate *e*, spring-lever E, thumb-lever G, and spring-latch H *g*, substantially as and for the purpose specified.

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Witnesses:

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