No. 844,321. PATENTED FEB. 19, 1907.

J. F. BOYER.

LOCK FOR INCANDESCENT LAMPS.

APPLICATION FILED MAY 16, 1906.

Fig. 1.

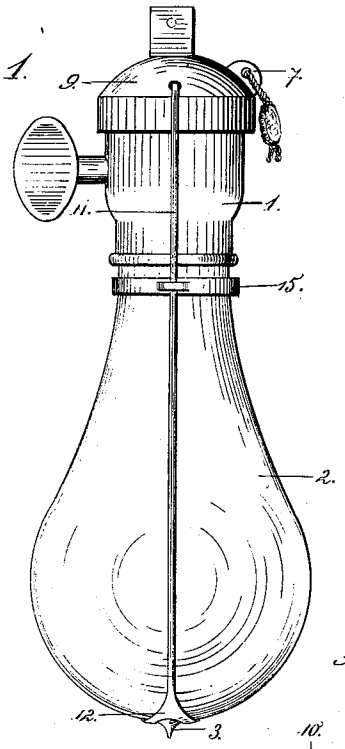


Fig. 2.

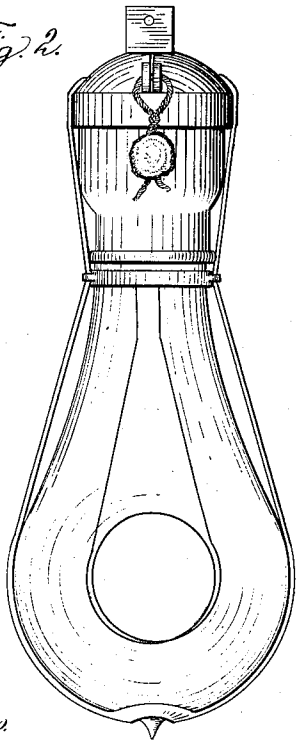


Fig. 4.

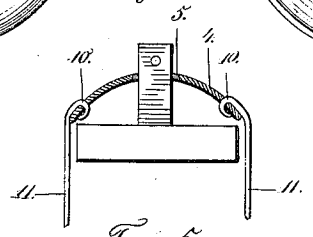


Fig. 3.

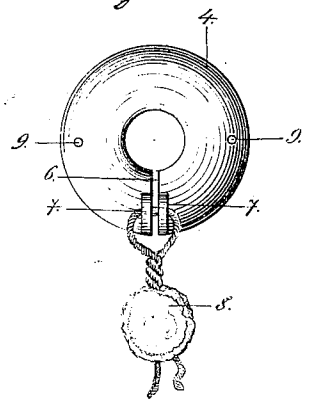


Fig. 5.

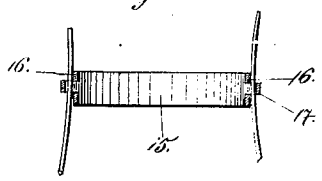


Fig. 7.

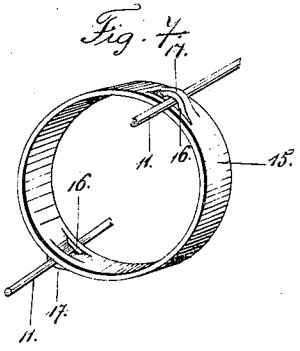
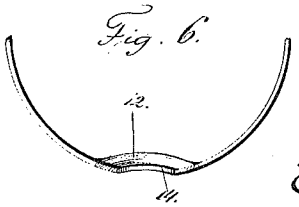


Fig. 6.



Witnesses:

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UNITED STATES PATENT OFFICE.

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LOCK FOR INCANDESCENT LAMPS.

No. 844,321. Specification of Letters Patent. Patented Feb. 19, 1907.

Application filed May 16, 1906. Serial No. 317,196.

To all whom it may concern:

Be it known that I, JEROME F. BOYER, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Locks for Incandescent Lamps, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in globe-holders; and the invention aims to provide a novel form of lock for holding a globe in engagement with its socket, whereby the same cannot be stolen or fraudulently removed from its socket. To this end I have devised a simple and inexpensive globe-holder which can be easily and quickly placed in engagement with a globe and locked in engagement with the socket of said globe, whereby the globe cannot be removed until the holder has been detached from the socket, and in this connection the holder is particularly adapted for incandescent-light globes, which are often stolen from their sockets and used in connection with other sockets.

In constructing my improved holder I aim to provide positive and reliable means for embracing an incandescent-light bulb and retaining it within its socket, said means in no way whatever interfering with the radiation of light of said bulb.

The detail construction of my improved globe-holder will be hereinafter more fully described, and then specifically pointed out in the claims, and referring to the drawings accompanying this application like numerals of reference designate corresponding parts throughout the several views, in which—

Figure 1 is a side elevation of my improved globe-holder. Fig. 2 is a front elevation of the same. Fig. 3 is a plan of a cap used in connection with the holder. Fig. 4 is a detail sectional view of the same. Fig. 5 is a detail sectional view of the retaining band or ring used in connection with the holder. Fig. 6 is a detail sectional view of a portion of the holder. Fig. 7 is a perspective view of the retaining band or ring.

In the accompanying drawings, I have illustrated a conventional form of electric-bulb socket 1 as containing a bulb or globe 2, said bulb or globe having a conventional form of nipple 3 at its large end.

My invention resides in providing the end of the socket 1 with a cap 4, said cap being provided with a central opening 5 and with a split 6, the split edges of said cap being provided with upwardly-extending pierced lugs 7 7, whereby a seal 8 or a similar lock may be placed in engagement with the pierced lugs 7 to lock the cap 4 upon the socket 1. The cap is provided with diametrically opposed openings 9 9, and in said openings are mounted the ends 10 10 of a piece of wire 11, said wire extending around the large end of the bulb or globe 2 to retain said bulb or globe within the socket 1.

To prevent the wire 11 from being removed from the globe or bulb 2, the wire intermediate its ends is flattened, as at 12, and provided with an opening 14 to receive the nipple 3 upon the rear end of the bulb or globe 2. A retaining band or ring 15 is also employed in connection with the globe or bulb 2, this band or ring being slipped upon the end of the globe or bulb prior to its insertion within the socket 1. The band or ring 15 is split, as at 16, to form a strap 17 under which the wire 11 upon each side of the bulb is adapted to pass. After the holder has been placed in engagement with the bulb or globe 2 and the bulb or globe placed in engagement with the socket 1 the cap 4 can be easily and quickly placed over the end of the socket and locked thereon, whereby the bulb or globe 2 cannot be surreptitiously removed from the socket 1.

The globe or bulb holder is preferably constructed of light and durable metal and of a non-fusible wire, which in no manner whatever will shield the light radiating from the bulb or globe 2 when the same is being used.

Such changes in the construction of my improved globe as are permissible by the appended claims may be resorted to without departing from the spirit and scope of the invention.

What I claim, and desire to secure by Letters Patent, is—

1. In a lock for incandescent lamps, the combination with a lamp-socket and a lamp bulb or globe in said socket, of a split cap mounted on the socket, a wire passed around the globe or bulb lengthwise thereof and having its ends fastened to the cap, and a retaining-ring carried by said wire and surrounding the upper end of the bulb or globe, substantially as described.

2. In a lock for incandescent lamps, the combination with a lamp-socket, and a bulb

or globe carried thereby, of a cap fitted on the upper end of the socket, a wire carried by said cap and passing around the large end of the bulb or globe and having an opening to receive the nipple of said bulb or globe, and a retaining-ring carried by the wire and surrounding the bulb or globe at its upper end.

3. In a lock for incandescent lamps, the combination with a lamp-socket, and a bulb or globe carried thereby, of a split cap fitted on the upper end of the socket, pierced lugs carried by said cap, a lock engaging said pierced lugs, a wire carried by the cap and extending around the bulb or globe lengthwise thereof, and a retaining-ring carried by the wire and surrounding the upper end of the bulb or globe.

In testimony whereof I affix my signature in the presence of two witnesses.

JEROME F. BOYER.

Witnesses:

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MAX H. SROLOVITZ.