B. L. THOMPSON.

ELECTRIC LIGHT BULB STABILIZER.

APPLICATION FILED MAR. 18, 1920.

1,348,970. Patented Aug. 10, 1920.

Fig. 2.

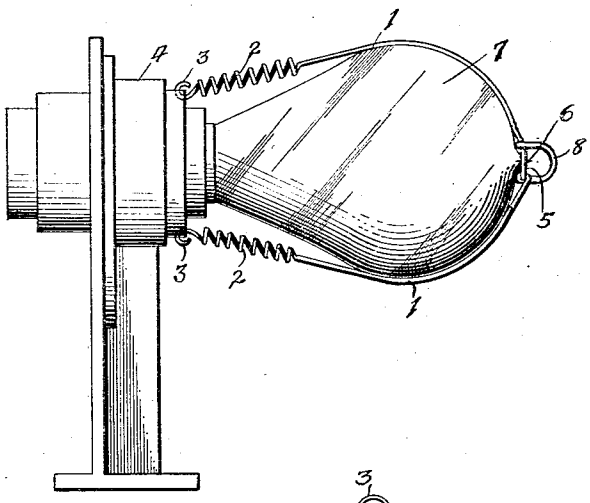


Fig. 3.

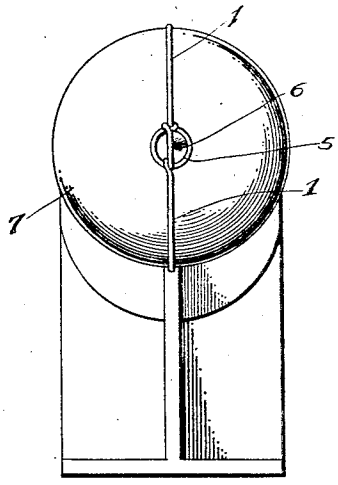
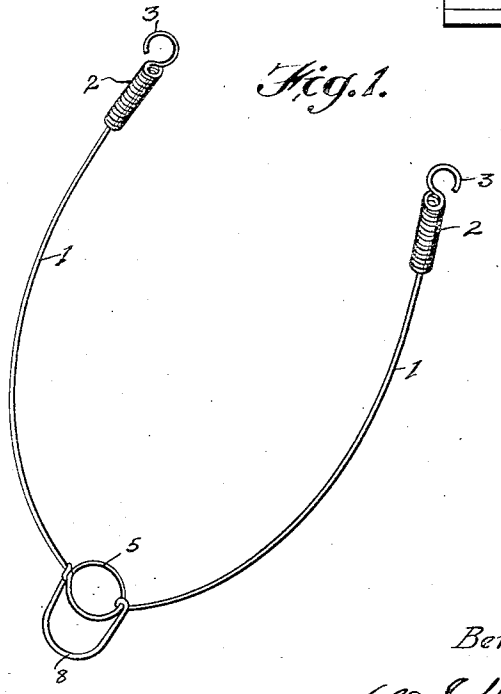


Fig. 1.



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ELECTRIC-LIGHT-BULB STABILIZER.

1,348,970. Specification of Letters Patent. Patented Aug. 10, 1920.

Application filed March 18, 1920. Serial No. 366,935.

To all whom it may concern:

Be it known that I, BENJAMIN L. THOMPSON, a citizen of the United States, residing at Roanoke, in the county of Roanoke and State of Virginia, have invented certain new and useful Improvements in Electric-Light-Bulb Stabilizers, of which the following is a specification.

This invention relates to that class of stabilizers especially designed for stabilizing electric light bulbs, and has for its object to prevent the vibration of an electric light bulb which vibration has a tendency to destroy the cement forming the union between the bulb and the metallic socket in which the bulb is secured and which vibration also breaks the filaments within the bulb.

The stabilizer is particularly adapted to use with electric light bulbs in locomotive cabs or other places where vibration attends the use of the bulb.

The device is formed of a single length of wire bent into substantially the shape of the letter U, and the wire so coiled intermediate the ends of the side members as to form tractile springs therein with the bottom or closed end portion looped upon itself in such manner as to form a ring lying at right angles to the side members to center the bottom of an electric light bulb therein, and the wire being further looped upon itself in such manner as to form a ring-like portion at right angles to the centering ring and protruding beyond thus forming a grip which may be grasped by the fingers to adjust the centering ring around the protuberance, which is usually found on the outer ends of electric light bulbs while the wire at the outer ends of the side members is bent in such manner as to form hooks for engaging apertures through the side walls of the bulb socket. In order that those skilled in the art to which my invention pertains, I will now proceed to describe it with reference to the accompanying drawings which form a part of this specification, and in which:

Figure 1, is a perspective view of the invention.

Fig. 2 is a side elevation of an electric light bulb with the device applied thereto.

Fig. 3 is a view taken at right angles to Fig. 2 and shows the means of centering the electric light bulb.

For a more particular description of the device reference may be had to the reference characters of the drawings which reference characters represent like parts of the structure throughout the drawings, and, in which, reference character 1 represents the side members of the stabilizer with springs 2 interposed therein and intermediate the ends thereof. 3 are the hooked ends of the side members which are adapted to be passed through apertures in the side walls of the socket 4. 5 is the centering ring at the lower extremity of the stabilizer for encircling and centering therein the protuberance 6 of incandescent bulb 7. 8 is the grip or handle for conveniently grasping with the fingers to adjust the centering ring 5 about the protuberance 6.

From the foregoing description it will be readily seen that the device is simple, effective and economical of manufacture and will effectually hold an electric light bulb under spring tension against its seat in an electric lamp socket and thereby prevent the bulb from vibrating, which vibration causes the loosening of the bulb in the cement which forms the union between the bulb and socket and also prevents the breaking of the filaments within the bulb due to the vibration thereof.

Having thus described my invention what I claim is:

In an electric light bulb stabilizer, the combination with an electric light bulb socket of an electric light bulb, a substantially U shaped strandlike yieldable member adapted to engage said socket with its inner ends, and pass longitudinally around said bulb, means for centering said bulb in the outer portion of said strand and a dependent member carried below said centering means.

In testimony whereof I affix my signature.

BENJAMIN L. THOMPSON.