

(No Model.)

J. MINO.

GUARD FOR INCANDESCENT ELECTRIC LIGHT GLOBES.

No. 442,071.

Patented Dec. 2, 1890.

Fig. I.

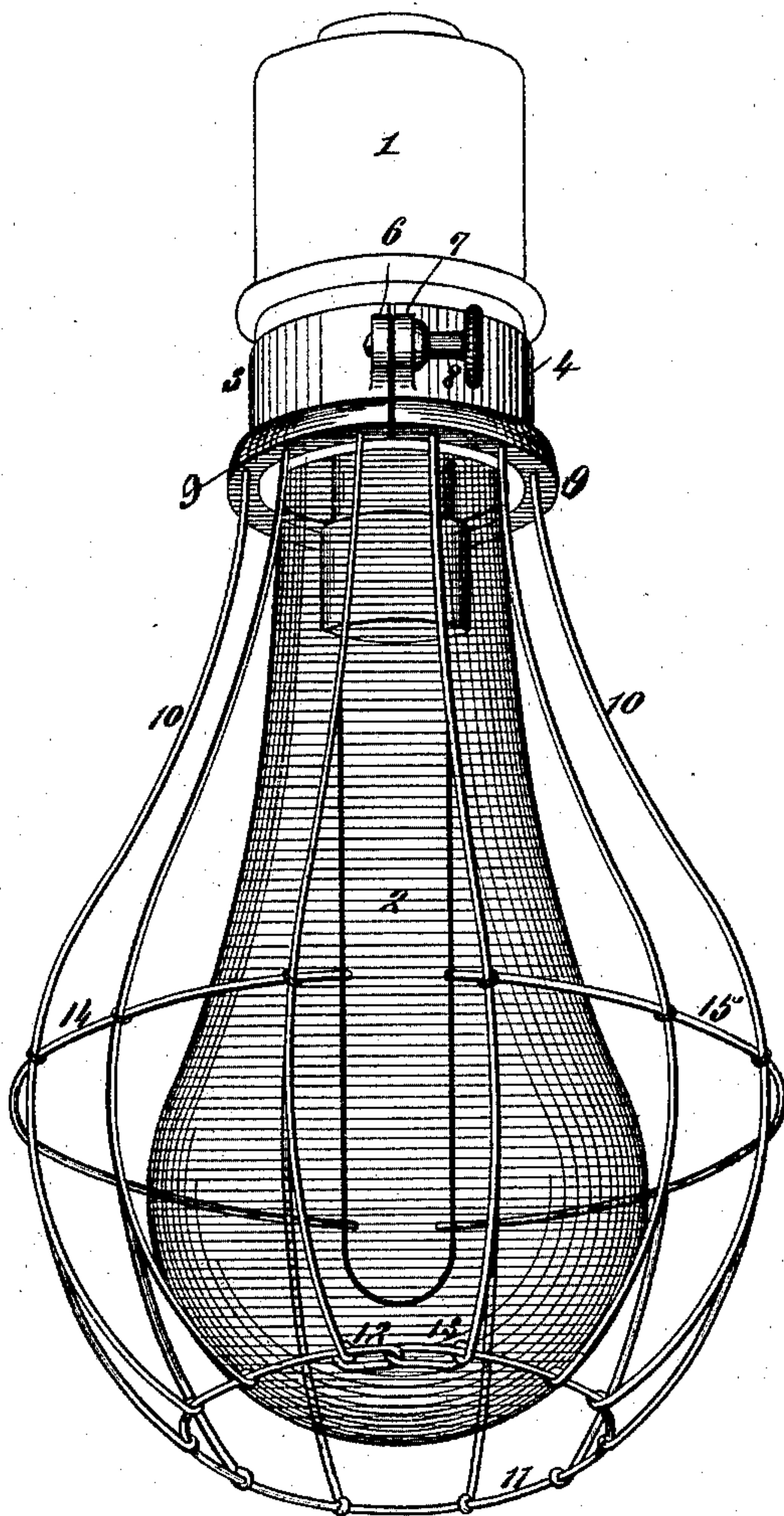
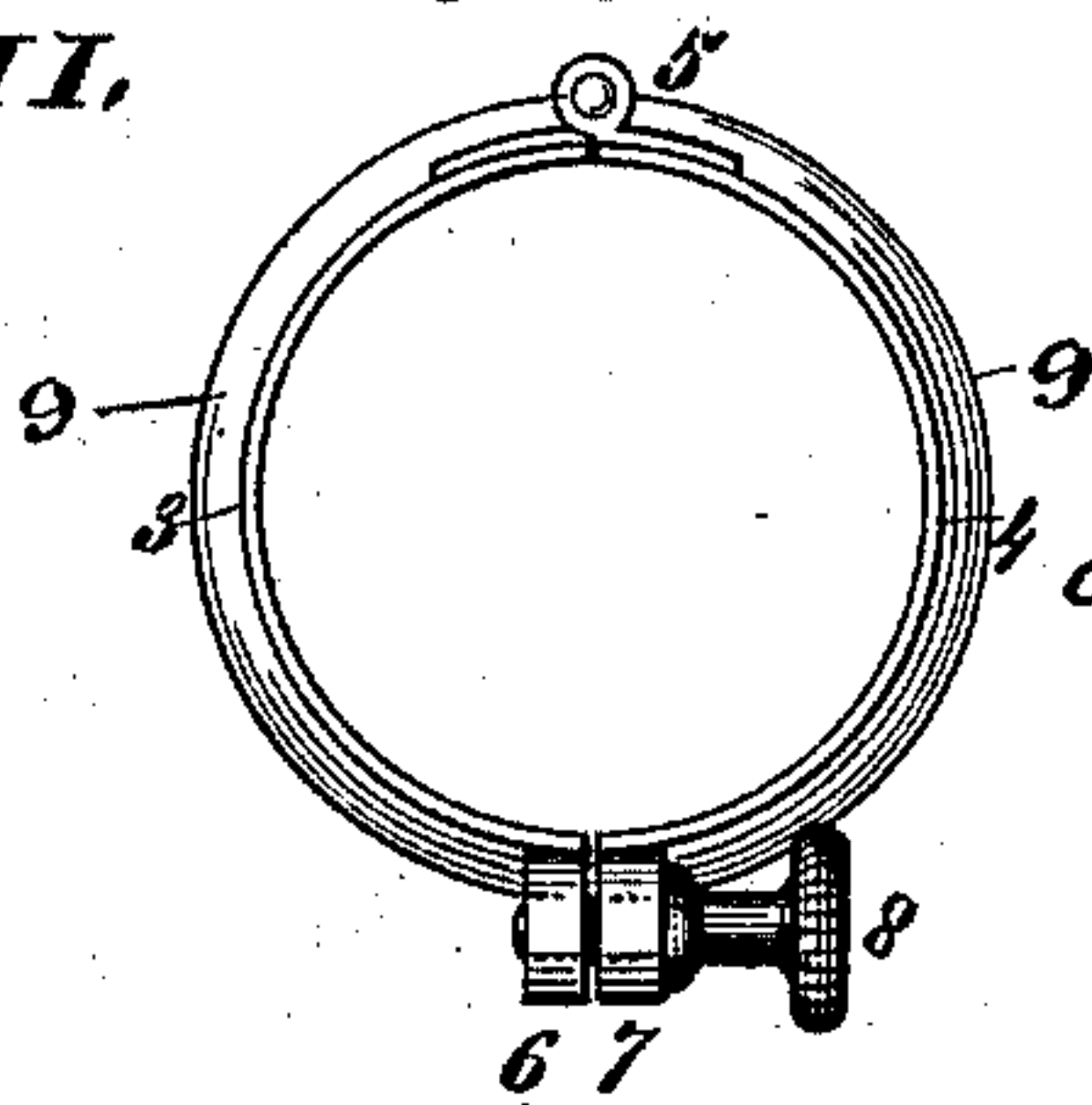


Fig. II.



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GUARD FOR INCANDESCENT-ELECTRIC-LIGHT GLOBES.

SPECIFICATION forming part of Letters Patent No. 442,071, dated December 2, 1890.

Application filed February 27, 1890. Serial No. 341,980. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH MINO, of Denver, in the county of Arapahoe and the State of Colorado, have invented a certain new and
5 useful Improvement in Guards for Incandescent-Electric-Light Globes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

10 My invention relates to guards for protecting the globes of incandescent electric lights from breakage; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

15 In the drawings, Figure I is a side view showing my guard attached to a light-socket. Fig. II is a view of the clamp for securing the guard.

Referring to the drawings, 1 represents the
20 socket and 2 the globe of an incandescent electric light. To the neck of the socket is secured a circular clamp composed of band-sections 3 and 4, connected at one side by a hinge 5 and provided at the other side with
25 lugs 6 and 7, connected by a set-screw 8. On the lower edge of the band-sections 3 and 4 is a flange 9, in which are secured the inner ends of wires 10, which extend downward and are secured at their lower ends to a wire ring
30 11, the ends of which are connected by interlocking loops 12 and 13, which allow the inner end of the guard to expand and contract as the clamp 3 4 is opened and closed.

14 and 15 are transverse semicircular brace-

wires secured near the center of the wires 10, 35 disconnected at their adjacent ends, and for the purpose of keeping the wires in even contour.

The operation of the device is as follows: It will be seen that by unscrewing the set- 40 screw the clamp can be opened on the hinge 5, which opens the guard at the inner end so that it can easily be placed over the globe.

By my invention a very efficient guard is produced and one that can be easily attached 45 and detached, and when attached is very secure, and one which is of great value in protecting the globe from being struck and broken, or in cases where the globe becomes detached for any reason for catching it and pre- 50 venting breakage from its falling.

I claim as my invention—

The guard, substantially as herein shown and described, consisting of the wire ring 11, having interlocking loops 12 and 13, by which 55 its ends are loosely connected together, the body-wires 10, secured by their outer ends to the wire ring, the hinged band-sections 3 4, having lugs 6 7 and flanges 9, and secured to the inner ends of the body-wires by means 60 of their flanges, and the set-screw 8, working in the lugs for securing the guard to the socket-neck of an incandescent electric light.

JOS. MINO.

In presence of—

W. D. WESTFIELD,
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