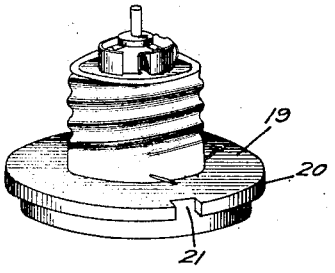
A. KUSEBAUCH.

MEANS FOR HOLDING GLOBES.

APPLICATION FILED DEC. 23, 1909.

1,037,779. Patented Sept. 3, 1912.

Fig. 1.



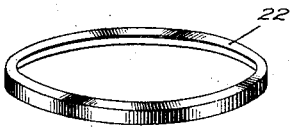


Fig. 4.

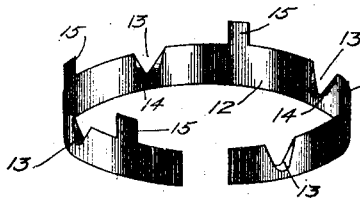


Fig. 2.

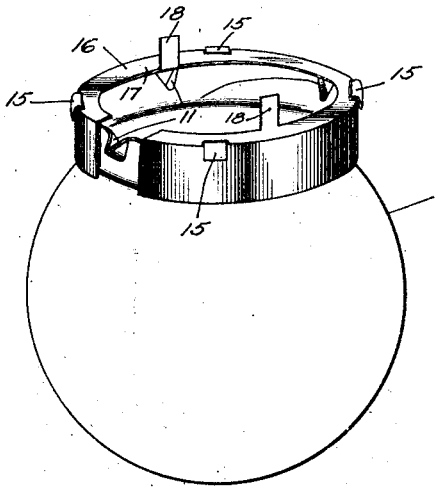


Fig. 3.

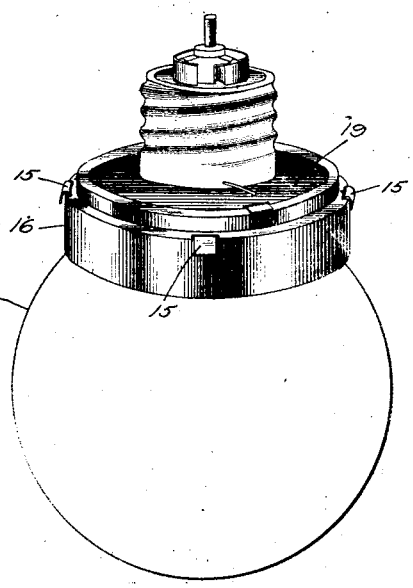


Fig. 5.

WITNESSES:

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MEANS FOR HOLDING GLOBES.

1,037,779. Specification of Letters Patent. Patented Sept. 3, 1912.

Application filed December 23, 1909. Serial No. 534,679.

To all whom it may concern:

Be it known that I, ANTON KUSEBAUCH, a citizen of the United States, and a resident of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have made a new and useful Invention in Means for Holding Globes, of which the following is a specification.

This invention relates to the general class of electric lamps and particularly to means for securing the globe or bulb to the base.

Heretofore it has been the common practice to cement the globe to the base but this has been found to be objectionable on account of the difficulty of removing the globe when it is desired to inspect or repair the filament or glower, or the heaters, in the event that heaters are employed.

One of the objects of my invention is to provide means whereby the globe may be conveniently attached to the base and readily removed should occasion demand.

I have illustrated in detail a convenient means for securing the globe to the base without the use of cement but it is to be understood that I do not intend to limit myself to the exact structure shown, as the forms illustrated may be modified without departing from the spirit of the invention.

In the drawings, Figure 1 is a perspective view of a lamp base. Fig. 2 is a perspective view of a clamping ring. Fig. 3 is a perspective view of a retaining means for the clamping ring attached to a globe. Fig. 4 is a perspective view of a ring carried by the base, and Fig. 5 is a perspective view of the assembled lamp.

In carrying out my invention I preferably form the globe 10 with a plurality of protuberances or projections 11 which may be made by notching the edge of the globe and forcing out the edges of the notches adjacent to the neck. A clamping ring or band 12, shown in Fig. 2, is adapted to be fitted to the neck of the globe and this band may be provided with a plurality of notches 13 corresponding to the protuberances 11 on the globe 10. The edges of the notches 13 are preferably upset or bent inward to form flanges 14 to engage the under sides of the protuberances 11. The split band 12 is shown as being provided with outstanding flexible fingers 15 which are adapted to pass through slots or openings in a retaining ring 16. The retaining ring 16 is shown as being in the form of an annulus having an inturned flange 17 at one edge thereof, said inturned flange carrying upstanding fingers 18. When the clamping ring 12 is in place and the retaining ring 16 is slipped over it the fingers 15 which pass through the openings in the ring 16 may be bent on the ring 16 so the ring 16 will be securely fastened to the globe 10.

I provide means for securing the ring 16 to the base so that the globe will be carried thereby. The base which is designated by the reference numeral 19 is provided with a circumferential flange 20 having notches 21 therein for the reception of fingers 18. The flange 20 is of greater diameter than the inner diameter of the flange 17 so that when the fingers 18 engage the notches 21 the flange 20 rests against the flange 17. The ring 22 fits over the edge of the flange 20 to protect the edge thereof and give a finished appearance to the completed lamp. The ring 22 and the ring 16 clamp the flange 20 between them. This clamping is accomplished by bending the fingers 18 over the ring 22. When it is desired to remove the globe for the inspection of the glowers, filaments or burners, or for any other purpose, it is only necessary to bend back the fingers 18 and the base may be removed, thus it will be apparent that the globe may be quickly and conveniently removed or attached to the base and that the necessity of the employment of cement for connecting them together will be obviated.

Such a device as above described is particularly applicable for use in connection with lamps using second-class conductors of which the well known Nernst lamp is a sample.

In accordance with the provisions of the patent statutes, I have described the principle of operation of my invention, together with the device which I now consider to represent the best embodiment thereof, but I desire to have it understood that the device shown is only illustrative and that the invention can be carried out by other means.

What I claim is:

1. Means for attaching a lamp globe to its base, said means comprising a split ring, means for confining said split ring about the lamp globe, and means for attaching the confining means to the base.

2. The combination with a globe and its

base, said globe having protuberances, of a ring having cut-out portions for engaging said protuberances, and means for connecting the ring to the base.

3. The combination with a lamp globe and its base, said globe having protuberances, of a notched ring engaging said protuberances, a ring connected to said notched ring, and means on said second ring for engaging the base.

4. The combination with a lamp globe and its base, said base having notches, of a ring secured to said globe, and flexible fingers on said ring for engaging the notches in the base.

In testimony whereof, I have hereunto subscribed my name this 20th day of December, 1909.

ANTON KUSEBAUCH.

Witnesses:
GEO. J. TAYLOR,
MAX HARRIS.