R. H. BEEMAN.

LAMP GLOBE OR SHADE.

APPLICATION FILED JULY 22, 1919.

1,399,042. Patented Dec. 6, 1921.

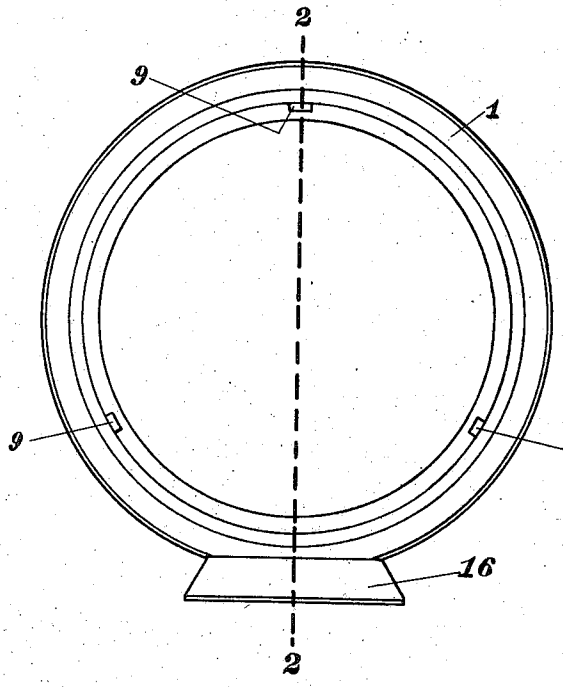


Fig. 1

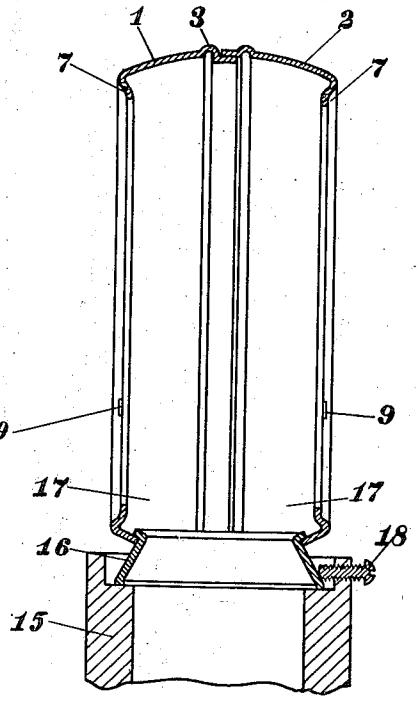


Fig. 2

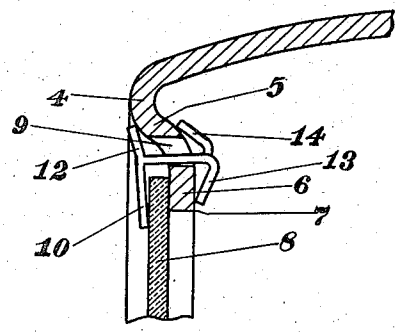


Fig. 3

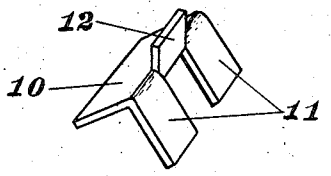


Fig. 4

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LAMP GLOBE OR SHADE.

1,399,042. Specification of Letters Patent. Patented Dec. 6, 1921.

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To all whom it may concern:

Be it known that I, ROSCOE H. BEEMAN, a citizen of the United States, and resident of Albany, in the county of Albany and State of New York, have invented certain new and useful Improvements in Lamp Globes or Shades, of which the following is a specification.

The present invention relates to lamp globes or shades and an object thereof is to provide a lamp globe or shade having a metallic casing member provided with lenses in opposite walls and formed with means which will permit the globe to be detachably connected to a suitable support. A further object of the invention is to provide a casing member which will be durable in construction and is inexpensive to manufacture.

To these and other ends, the invention consists of certain parts and combinations of parts all of which will be hereinafter described, the novel features being pointed out in the appended claims.

In the drawings:

Figure 1 is a view in front elevation of the casing member embodying the present invention;

Fig. 2 is a section on the line 2—2, Fig. 1;

Fig. 3 is an enlarged detail view showing the manner of securing lenses to the casing; and

Fig. 4 is a perspective view of one of the fastening devices.

In the illustrated embodiment of the invention, there is employed an annular casing member. This member, in this instance, is formed of two ring shaped parts 1 and 2, each formed from sheet metal, the edges of one being received within the edges of the other and these overlapping edges being spot welded so as to hold the two members together. Preferably the members are provided with annular beads or ribs adjacent the overlapping portions for the purpose of strengthening the parts 1 and 2 as well as to limit the overlapping. The outer edges of the annular casing member are formed with lens seats. This is preferably accomplished by bending the sheet metal toward the center of the casing as at 4, then inwardly as at 5 and then again toward the center of the casing as at 6 so that the outer face of the portion 6 will act as a lens seat 7 and the lens or glass which rests thereon will be surrounded by the portion 5 and thereby protected at its edge.

To secure the lenses 8 to their seats the casing member is provided about the seats with a plurality of slots or openings 9 and into these slots or openings the fastening devices, one of which is shown in Fig. 4 are secured. These fastening devices each comprise a piece of sheet metal, slitted from one edge to provide three tongues, two tongues 11 being bent substantially at right angles to the body portion 10 and the other tongue 12 being bent in the opposite direction. The portion 10 is designed for engaging the outer face of the lens 8, the portion 12 for engaging the portion 4 of the casing and the portions 11 for extending through an opening 9, one of said portions 11 being bent in one direction as at 13 and the other of said portions being bent in the other direction as at 14, as illustrated in Fig. 3.

For securing the globe to a suitable support or post 15 on which the illuminating element is mounted, the annular casing member is provided at one side with an opening which is symmetrically arranged with reference to the two lenses on the lens seats 7. The flaring supporting flange 16 is secured within the opening by rolling one edge of the flange as at 17 on the inner side of the casing member so that the flange projects from the casing member in the manner shown in Fig. 2. This flange is adapted to be engaged by screws or other fastening devices 18 arranged on the flange support 15. It is apparent that a lamp or other suitable illuminating element may be arranged on the support 15 and surrounded by the globe, the globe being removable from the support 15 independently of the illuminating element. This globe gives illumination in two opposite directions and at the same time renders unnecessary the provision of expense, the globes being made entirely of glass. Should the lenses break they may be readily replaced by others at a small expense. The supporting flange is symmetrically arranged with reference to both of the lenses providing means by which the globe

may be readily connected to or disconnected from the support for the illuminating means.

What I claim as my invention and desire to secure by Letters Patent is:

1. A lamp globe comprising two ring shaped parts, each formed of sheet metal, one edge of each being permanently secured to an edge of the other, and the outer edge of each being bent toward the center, then inward, and then again toward the center to provide a lens seat the casing having an opening at one side arranged symmetrically with reference to the lens seat, and means for securing a lens to the outer face of the seat.

2. A lamp globe comprising an annular casing member having one end bent toward the center, then inward, and then again toward the center to provide a lens seat, the casing member being provided with openings to one side of the seat, lenses resting upon the seats, and fasteners passed through the openings and engaging the lenses and also the portions of the casing member which surround the lens seat.

ROSCOE H. BEEMAN.