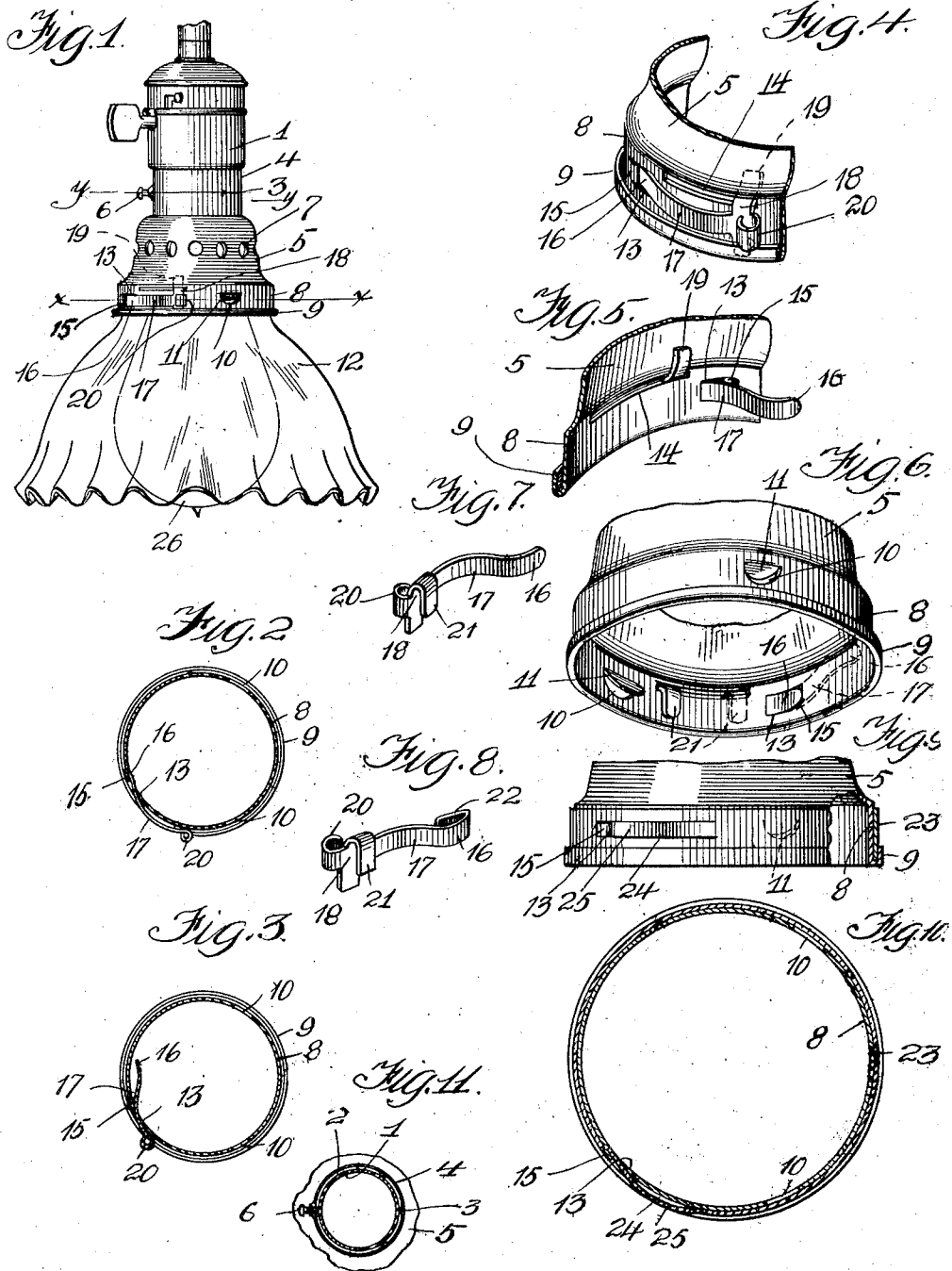


W. W. ABBOTT.
 GLOBE, SHADE, AND CHIMNEY HOLDER.
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972,089.

Patented Oct. 4, 1910.



WITNESSES

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WILLIAM W. ABBOTT, OF INGRAM, PENNSYLVANIA.

GLOBE, SHADE, AND CHIMNEY HOLDER.

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To all whom it may concern:

Be it known that I, WILLIAM W. ABBOTT, a citizen of the United States of America, residing at Ingram, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Globe, Shade, and Chimney Holders, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to globe, shade and chimney holders, and more particularly to that type of holder used in connection with electric lamps.

The object of my invention is to provide simple and effective means for attaching a globe or shade to a lamp socket whereby the globe or shade can be easily and quickly removed.

I attain the above object by providing a holder that is applicable to various types of lamp sockets, the holder being simple in construction, durable, inexpensive to manufacture, free from injury by ordinary use, and provided with means to compensate for the expansion and contraction of a shade or globe mounted in the holder.

My invention will be hereinafter specifically described and then claimed, and reference will now be had to the drawing forming a part of this specification, wherein there are illustrated the preferred embodiments of the invention, but it is to be understood that the structural elements thereof can be varied or changed, as to the size, shape and manner of assemblage without departing from the spirit and scope of the appended claims.

In the drawing:—Figure 1 is a side elevation or a shade holder in accordance with my invention, Fig. 2 is a horizontal sectional view taken on the line X—X of Fig. 1, showing the clasp of the holder in an open position, Fig. 3 is a similar view showing the clasp in a closed position, Fig. 4 is a perspective view of a portion of the holder, showing the clasp in an open position, Fig. 5 is a similar view showing the clasp in a closed position, Fig. 6 is a perspective view of a portion of the holder showing a modified form of clasp in an open position, Fig. 7 is a perspective view of the clasp detached, Fig. 8 is a perspective view of a detached clasp, showing a modification of the same, Fig. 9 is a side elevation of a modified form of holder, partly broken away and partly in section, Fig. 10 is a horizontal sectional

view of the same, and Fig. 11 is a horizontal sectional view taken on the line Y—Y of Fig. 1.

In the accompanying drawing the reference numeral 1 denotes an electric light socket having the lower end thereof provided with an annular bead or rim 2 and adapted to engage the upper edge of said bead or rim are inwardly projecting tits 3 carried by the upper cylindrical end 4 of a dome shaped holder 5. The tits 3 are adapted to rest upon the bead or rim and are further held in engagement therewith by a set screw 6 or other fastening means carried by the cylindrical end 4 of the holder.

The side walls of the dome shaped holder 5 are provided with circumferentially arranged openings 7 and the lower end of the holder is flared and terminates in a sleeve 8 having the lower edge thereof reamed or bent outwardly, as at 9. The sleeve 8 is cut and punched, as at 10 to provide inwardly projecting lugs 11 adapted to engage the upper edges of the shade, globe or chimney 12. The sleeve 8 is further provided with an oblong opening 13 and with a segment-shaped slot 14 in proximity to said opening. The material bordering upon the end of the opening 13 farthest away from the slot 14 is off-set, as at 15 to provide clearance for the end 16 of a resilient clasp 17 adapted to project through the opening 13. The opposite end of the clasp 17 is provided with a transverse head 18 having the lower end thereof engaging under the reamed or bent edge of the sleeve 8, while the opposite end is off-set, as at 19 to extend through the segment-shaped slot 14 and normally hold the head of the clasp in engagement with the sleeve 8. In order that the clasp can be easily moved, the head 18 is provided with a handle or hook 20.

It is preferable to space the lugs 11 an equal distance apart and the opening 13 an equal distance between two of said lugs, whereby a plurality of supporting points will be located within the sleeve 8 for the upper end of the shade, globe or chimney 12.

In Figs. 6 and 7 of the drawing I have shown a slight modification of the invention, wherein the end of the head 18 is bent downwardly, as at 21 to engage the inner side of the sleeve 8, while in Fig. 8 the end 16 of the clasp 17 is bent upon itself, as at 22.

Another modification of the invention is shown in Figs. 9 and 10 of the drawing,

wherein a band 23 is movably mounted upon the sleeve 8 and the band is cut and sheared, as at 24 to provide a resilient clasp 25 adapted to extend through the openings 13 of the sleeve 8.

The segment-shaped slot 14 is adapted to limit the movement of the resilient clasp, and it is through the medium of this clasp that a shade, globe or chimney can be easily, quickly and safely connected to the holder and supported in proximity to a lamp 26 mounted in the socket 1.

The holder in its entirety is made of light and durable metal and parts thereof can be spun from brass or pressed from sheet metal.

Having now described my invention what I claim as new, is:—

1. A holder of the type described comprising a sleeve, inwardly-extending integral lugs carried by the sleeve, and a shiftable resilient clasp movably mounted against the outer face of the sleeve and having a portion thereof extending through and into the sleeve for clamping the article to be held to the lugs when the clasp is shifted in one direction.

2. A holder of the type described comprising a sleeve provided with inwardly-extending lugs, and a shiftable resilient clasp mounted against the outer face of the sleeve and including a head, said clasp having one end thereof extending through and into the sleeve for clamping the article to

be held to the lugs when the clasp is shifted in one direction and said head of the clasp having one end extending through the sleeve.

3. A holder of the type described comprising a sleeve provided with inwardly-extending lugs, and a shiftable resilient clasp mounted against the outer face of the sleeve and including a head, said clasp having one end thereof extending through and into the sleeve for clamping the article to be held to the lugs when the clasp is shifted in one direction and said head of the clasp having one end extending through the sleeve, said sleeve provided with a bent edge, and said head having its other end engaging under the bent edge of the sleeve.

4. A holder of the type described comprising a sleeve provided with an opening and a slot, said sleeve further having inwardly projecting lugs, and a resilient clasp slidably mounted upon the outer face of the sleeve and having one end thereof projecting through said openings for clamping the article to be held to the lugs when the clasp is shifted in one direction, said clasp including a head having one end extending through said slot and its other end engaging in the sleeve.

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

WILLIAM W. ABBOTT.

Witnesses:

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