

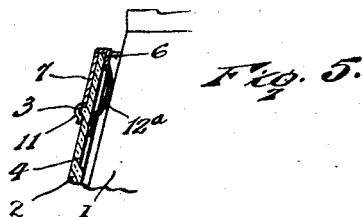
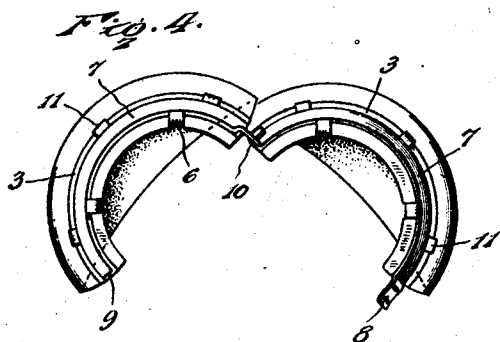
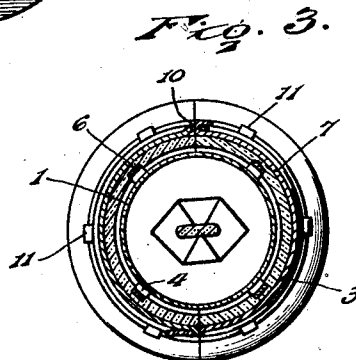
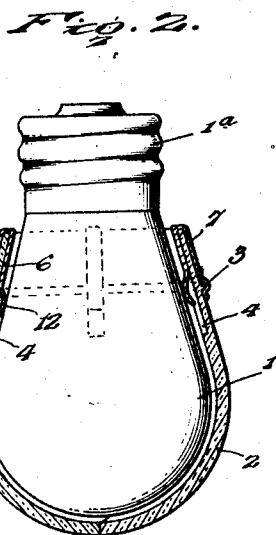
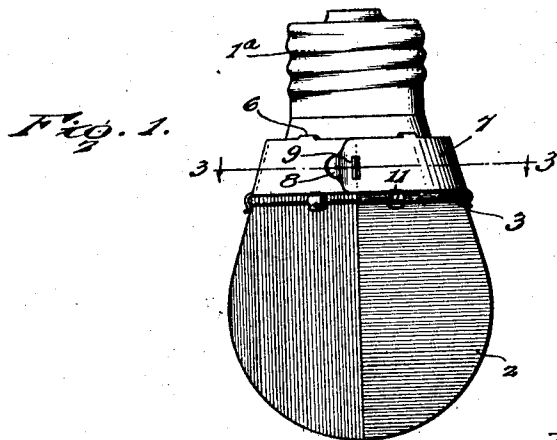
Sept. 13, 1927.

1,642,646

E. G. CHASE

MASK FOR ELECTRIC LIGHT BULBS

Filed July 30, 1926



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MASK FOR ELECTRIC-LIGHT BULBS.

Application filed July 30, 1926. Serial No. 126,001.

This invention relates to a decorative covering for standard electric light bulbs, and provides a sectional mask including ventilating and fastening means, whereby over-
 5 heating is prevented and the mask enabled to be applied by one hand while the other hand is free to be used, if necessary, to steady the position of the person when the lamps occupy an elevated position.

10 While the drawings illustrate a preferred embodiment of the invention, it is to be understood that in adapting the means to meet specific needs and requirements, the design may be varied and such other changes
 15 in the minor details of construction may be resorted to within the scope of the invention as claimed, without departing from the spirit thereof.

20 For a full understanding of the invention and the merits thereof, reference is to be had to the following description and the drawings hereto attached, in which—

25 Figure 1 is an elevational view of a standard electric light bulb, provided with a decorative covering or mask embodying the invention,

Figure 2 is a view similar to Figure 1, showing the covering or mask and connecting means in section,

30 Figure 3 is a sectional view on the line 3—3 of Figure 1,

Figure 4 is an end view of the mask with the sections in open position, and

35 Figure 5 is a detail view in section, of a modification.

Corresponding and like parts are referred to in the following description and designated in the several views of the drawings by like reference characters.

40 The electric lamp shown is of standard formation and comprises the bulb 1 and base 1^a and is illustrated to demonstrate the application of the invention.

45 The covering, or mask, comprises similar sections 2, which conform to the shape of the bulb 1 so as to completely envelope it and leave a slight space for the circulation of air and to allow for contraction and expansion, without injury to any of the co-
 50 operating parts. The sections 2 may be of like or contrasting color, and may be of any construction to produce a decorative effect.

55 The sections are separable longitudinally, and the meeting edges are ground to insure a close and neat fit which is essential to a

pleasing effect. A bead 3 is provided upon the outer side of the sections adjacent the upper end and provides a stop for the clamp, whereby the sections are retained in closed
 60 position and held in place when applied to the lamp. Longitudinal grooves 4 are formed upon the inner side of each of the sections and extend through the upper end thereof, and these grooves perform a double
 65 office, since they provide channels for the escape of heated air and seats for the reception of spring fingers 6 forming elements of a clamp 7 applied to the upper end of the
 70 covering or mask.

The grooves or channels 4 may be provided in any determinate way best suited to the manufacturer.

75 The clamp 7 is preferably of spring metal and constructed to encircle the upper marginal portion of the mask, and when closed fastens by a snap action, which admits of application of the device to a lamp by the
 80 use of one hand only. The clamp 7 has a spring tongue 8 at one end, and a projection 9 at the opposite end, said tongue having an opening or recess to receive the projection 9 when the ends of the clamps are
 85 brought together. Opposite end portions of the clamp are secured to the respective sections of the mask and the construction is such as to admit of the clamp and the sections being opened, as indicated in Figure 4, so as to receive the lamp, after which
 90 the sections 2 are pressed together by closing the hand, and during this operation the spring tongue 8 rides upon the projection 9 which enters the opening or depression of the spring tongue by a snap action, thereby
 95 locking the clamp. In the preferable construction the clamp 7 comprises similar sections which are hingedly connected, as indicated at 10, one end of the sections being formed with an opening and the corresponding
 100 end of the companion section terminating in a hook which is adapted to engage the opening and hingedly connect the sections, as will be readily appreciated. The spring fingers 6 depend from the upper edge of the
 105 clamp 7 and extend along the inner side of the mask and enter the grooves or channels 4. The flare of the clamp 7 and the outward inclination of the spring fingers 6 is ordinarily sufficient to retain the clamp in
 110 place. However, spring tongues 11 provided at the lower edge of the clamp 7 engage over the bead 3 and further assist

materially in holding the clamp in place. Terminal portions 12 of the spring fingers 6 are deflected away from the inner side of the mask and are adapted to yieldably engage the bulb 1 whereby to center the mask so as to uniformly space the same from the bulb to allow for a circulation of air and to prevent any possible injury from contraction or expansion, or undue pressure between the mask and bulb resulting from any cause.

In the modification shown in Figure 5, the intermediate portion of the spring fingers 6 is bulged inwardly, as indicated at 12^a to yieldably engage the bulb 1, thereby performing the same office as the terminal portions 12, in centering the mask and properly spacing the same upon the bulb 1. The bulbs of standard incandescent electric lamps are substantially of uniform size and the covering or mask will be provided in corresponding and like size, but a trifle larger to insure the provision of a slight space between the bulb 1 and the mask when the latter is in position, the mask being centered and yieldably supported by means of the spring portions 12 and 12^a of the retaining fingers 6.

It will be readily understood from the foregoing, taken in connection with the accompanying drawings that the covering, or mask, may be readily placed in position with safety, because the device may be held in one hand, and placed in position about a lamp and the sections brought together by closing the hand, the band automatically fastening by a snap action, thereby retaining the mask in position. In the event of the electric lamp being elevated the person applying the mask may, if necessary, use one hand for safety to grip a suitable support, such as ladder or projecting part of a structure, while the other hand is engaged in placing the mask in position. The mask may be readily removed by disengaging the spring tongue 8 from the projection 9, when the sections may be pressed apart and the mask detached from the lamp.

The clamp performs the double office of connecting means between the sections 2 and locking means for securing the sections when closed about the lamp. Thus the sections 2 when open, as indicated in Figure 4, are maintained in proper relation to admit of the mask being readily applied by one hand which is of vital consequence when the other hand is engaged in steadying the person.

Having thus described the invention, I claim:

1. A sectional covering, or mask, for electric light bulbs and a clamp secured to and

connecting the sections and serving as locking means therefor to retain the device in place upon the lamp bulb, said clamp automatically fastening by a snap action when closed.

2. A sectional covering, or mask, for electric light bulbs, yieldable means carried by the mask to space it from the light bulb and a clamp applied to the mask and comprising similar sections, each attached to a section of the mask and the clamp sections being hingedly connected at one end and adapted to automatically lock at the opposite end by a snap action.

3. A protector, or mask, for electric light bulbs, the same comprising similar sections, a clamp applied to an end portion of the sections and serving as connecting means therefor, and having fingers extending along the inner side of the mask and having portions of the fingers deflected to yieldably engage the lamp bulb to enter and properly space the mask therefrom.

4. A covering for electric light bulbs, the same comprising complementary sections, a clamp connecting the sections, and serving to retain the covering in place, said clamp having outer spring tongues and inner spring fingers, the latter having portions deflected to yieldably engage the lamp bulb to center and properly space the covering therefrom.

5. A covering for electric light bulbs, comprising similar sections having longitudinal grooves in the inner side of the upper portion, and a clamp fitted about the upper portion of the sections and having inner fingers entering the said grooves, and having portions of said fingers deflected to yieldably engage the lamp bulb for centering and properly spacing the covering therefrom.

6. A covering for electric light bulbs, comprising similar sections having an outer bead adjacent its upper end, and a clamp connecting the sections and having inner fingers engaging the inner side of the covering and having spring tongues at the outer sides to engage over the said bead.

7. A mask for electric light bulbs, the same comprising sections of contrasting color, having their meeting edges ground to secure a close fit and having inner longitudinal grooves at the upper end and a clamp secured to the upper end of the sections and adapted to automatically close by a snap action and having inner fingers to engage the said longitudinal grooves and having outer spring tongues to engage over a bead formed upon the outer side of the sections.

In testimony whereof I affix my signature.

EARL G. CHASE. [L. s.]