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J. G. NIEDERER

STENCIL DEVICE FOR ELECTRIC LIGHT BULBS

Filed March 18, 1927

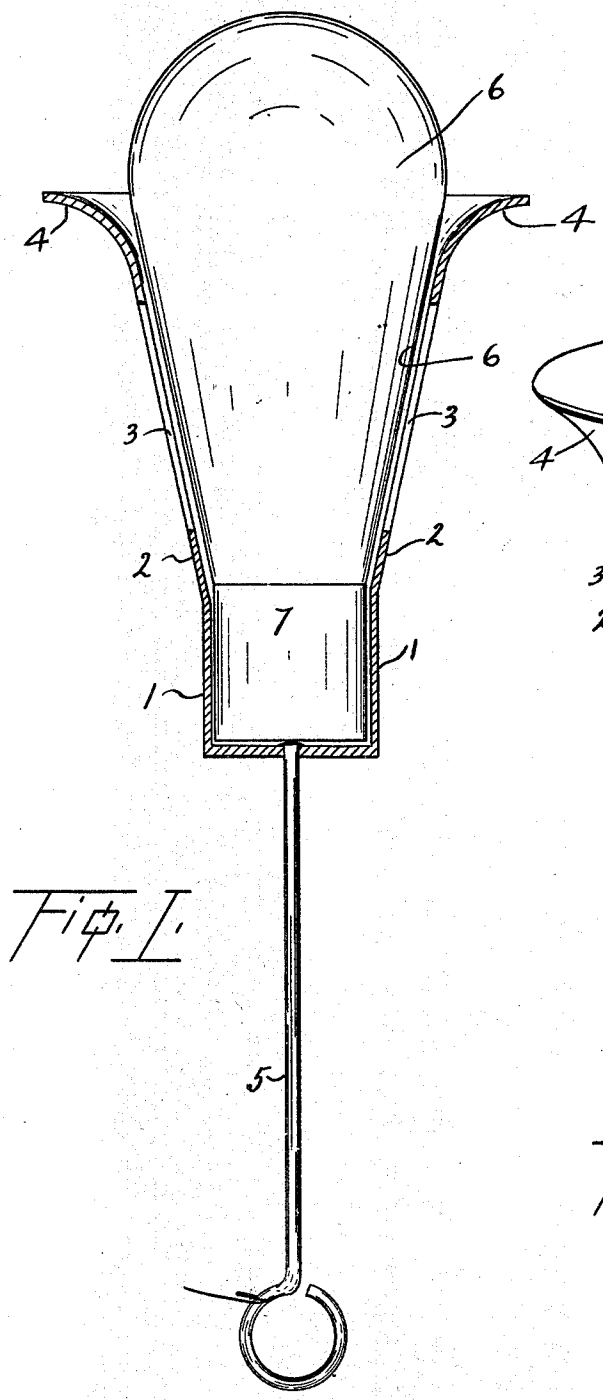


Fig. 1.

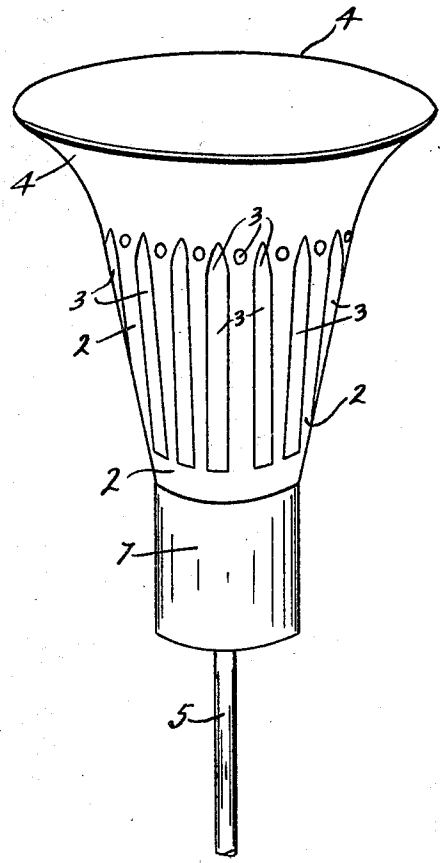


Fig. 2.

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STENCIL DEVICE FOR ELECTRIC-LIGHT BULBS.

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My invention relates to improvements in stenciling devices for electric bulbs and the object of the invention is to provide a novel tool for use in stenciling electric bulbs, whereby this operation may be expedited; a further object is to devise such a tool which will constitute a combined stencil and holder for the bulb while it is being stenciled such that, when the bulb is simply inserted within the tool, it will be held in proper and convenient position for stenciling.

My invention consists in the construction and arrangement, all as hereinafter more particularly described and illustrated in the accompanying drawings in which:

Fig. 1 is a central vertical section through my improved device showing a bulb in position therein ready to be stenciled.

Fig. 2 is a perspective view of my device, a portion of a shank forming a handle therefor being broken away.

In the drawings like characters of reference indicate corresponding parts in the two views.

My device consists of a combined holder and stencil and comprises a cylindrical cup portion 1 from the mouth of which extends a divergent skirt 2, the skirt 2 having any desired perforated pattern 3 therein.

The skirt is flared outwardly at its mouth at 4.

A shaft 5 extends axially from the bottom of the cup 1 and forms a handle for the device.

In using my device the shaft 5 is held in the hand of the operator and the device is held with the skirt directed upwardly as illustrated.

A bulb 6 is simply inserted within the device and the shank 7 of the bulb seats within the cup 1. In fact this cup constitutes a receptacle within which the shank 7 of the bulb is a snug fit so that when the bulb is in position within the device it is supported therein by the engagement of the shank 7 within the cup 1.

The inclination of the walls of the skirt 2 would be made to correspond to the shape of the bulb 6 being stenciled so that the skirt would follow accurately the contour of the bulb. In other words a separate device would be required for each particular shape and size of bulb to be stenciled.

The design is stenciled upon the bulb by spraying the coloring matter through the perforated pattern 3 in the skirt 2 and by making the mouth of the skirt flare outwardly at 4 the likelihood of the sprayed coloring matter getting over the top of the skirt and onto the portion of the bulb where it is not wanted is overcome and the spraying may be done with greater rapidity and less care than would otherwise be possible.

From the foregoing it will be evident that I have devised an improved device of the class described whereby the objects of my invention have been attained.

Various modifications may be made in my invention without departing from the spirit thereof or the scope of the claims and therefore the exact form shown is to be taken as illustrative only and not in a limiting sense and I desire that only such limitations shall be placed thereon as are imposed by the prior art or are specifically set forth in the appended claims.

What I claim as my invention is:

1. A stencil device for electric bulbs comprising, a cylindrical cup and a skirt extending from the mouth thereof, said skirt formed with a desired perforated design in the wall thereof.

2. A stencil device for electric bulbs comprising, a cylindrical cup, a divergent skirt extending from the mouth thereof, said skirt formed with a desired perforated design in the wall thereof, and the skirt flared outwardly at its mouth.

3. A stencil device for electric bulbs comprising, a cylindrical cup, a divergent skirt extending from the mouth thereof, said skirt formed with a desired perforated design in the wall thereof, the skirt flared outwardly at its mouth, and a shaft extending axially from the bottom of the cup.

JOHN GEORGE NIEDERER.