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S. MURAMATSU

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DECORATIVE ILLUMINATING BULB

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Fig. 1.

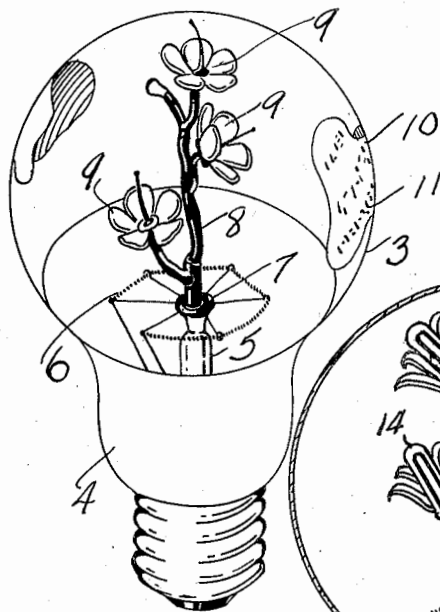


Fig. 3.

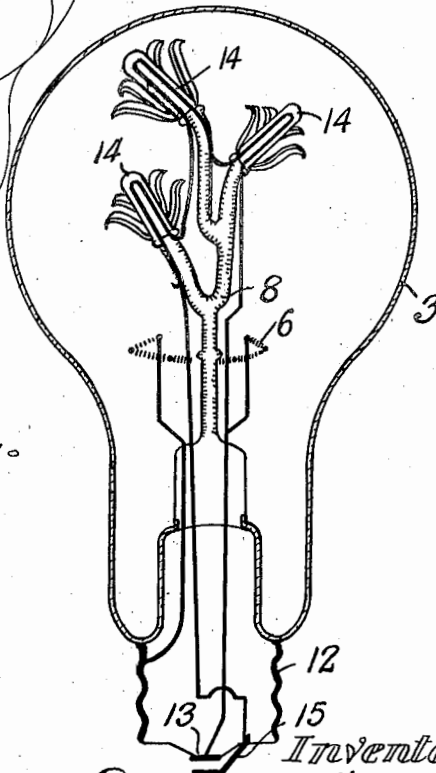
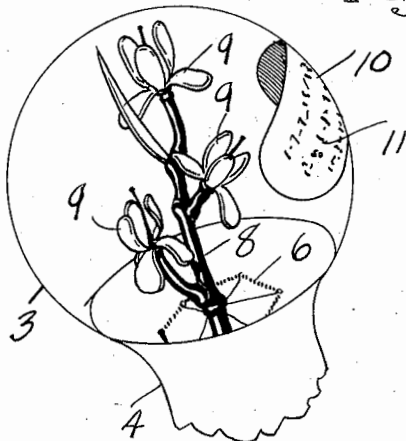


Fig. 2.



Inventor  
SOMENOSUKE MURAMATSU  
Victor J. Evans & Co  
Attorneys.

# UNITED STATES PATENT OFFICE

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## DECORATIVE ILLUMINATING BULB

Somenosuke Muramatsu, Oakland, Calif.

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### 1 Claim. (Cl. 176—14)

This invention relates to improvements in illuminating bulbs, and has particular reference to a bulb which has provided therein an artistic or ornamental display in the form of flowers or the like, whereby the appearance of the bulb is greatly enhanced.

The principal object of the invention is to produce a simple fusion of an imitation flower bearing tubular member with the filament support whereby the tubular member with its ornamental flowers is retained in a fixed position where the flowers will readily receive thereon the light emitted from the bulb filament.

A further object of the invention is to provide indicia on the bulb representing certain advertising matter whereby a product or the like may be readily advertised and attention brought to the advertisement by virtue of the attractiveness of the ornamental bulb.

An additional object of the invention is to produce a bulb of the character described that is simple in construction, economical to manufacture, highly durable, and attractive.

An additional object of the invention is to provide a unique lighting arrangement wherein in addition to illuminating the main filament a plurality of small bulbs arranged in series are likewise illuminated.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a perspective view of the bulb constructed in accordance with my invention;

Fig. 2 is a similar view showing a different form of flower, and

Fig. 3 is a transverse vertical section through a modified form of the invention illustrating to advantage means for optionally lighting the main filament and auxiliary bulbs.

While I have illustrated in the accompanying drawing flowers of ornamental appearance, it is nevertheless to be understood that a variety of designs may be utilized that are, likewise, artistic and attractive in appearance.

In the accompanying drawing wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 3 designates a bulb of conventional form that is frosted as at 4 and has provided therein the usual filament support 5 with the filament being indicated by the numeral 6.

My invention resides in fusing to the filament support as at 7 an elongated glass member 8 which is preferably tubular in form and, as illus-

trated, represents the branch of a flower, the flower petals being indicated by the numeral 9. As disclosed to advantage in Figs. 1 and 2, the numeral 10 designates a label or the like that has displayed thereon certain advertising indicia designated by the numeral 11.

In practice the bulb is positioned in the conventional lamp socket and preferably in a downward position. When the switch is turned on the filament 6 will be lighted and will cast its rays directly on the ornamental tubular member 8 and the flower petals 9, thus giving to the petals a most attractive and ornamental appearance.

In the form shown in Fig. 3 the bulb has two electrical circuits, the main circuit lighting the customary filament 6, and the circuit extends from the threaded ring 12 to and through the filament 6 and back to the center contact 13, common to all bulbs. The second circuit illuminates a plurality of small bulbs 14 arranged in series. This circuit is controlled by a spring 15 positioned in the base and overlying the center contact 13. This spring 15 is electrically connected to one side of the series bulbs 14, the opposite side of which is connected to one of the filament leads. The result of this construction is that when the bulb 3 is only partially screwed into the socket, current will flow through the spring 15 and through the series bulbs 14 and back to the threaded ring 12; and when the bulb is screwed entirely into the socket this spring 15 will contact the center contact 13 of the bulb, short circuiting the series bulbs circuit and permitting the current to flow through the main filament 6 in the customary manner.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape, and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:—

In an illuminating device having the customary base and filament enclosing bulb, of a filament positioned therein, a fused support positioned within said bulb and having miniature illuminating bulbs positioned thereon, ornamental structures mounted on said support and illuminated by said miniature bulbs, said miniature bulbs being electrically connected in series and a switch carried on the base of said device for short circuiting said miniature bulbs, whereby said filament is illuminated.

SOMENOSUKE MURAMATSU.