J. C. ZUBLI.

PRISM FOR ELECTRIC LAMPS.

APPLICATION FILED NOV. 5, 1907.

909,507. Patented Jan. 12, 1909.

Fig. 1

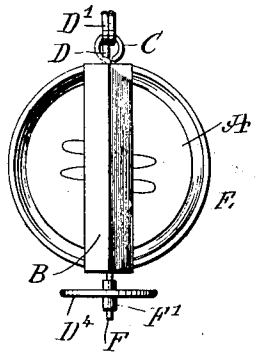


Fig. 2

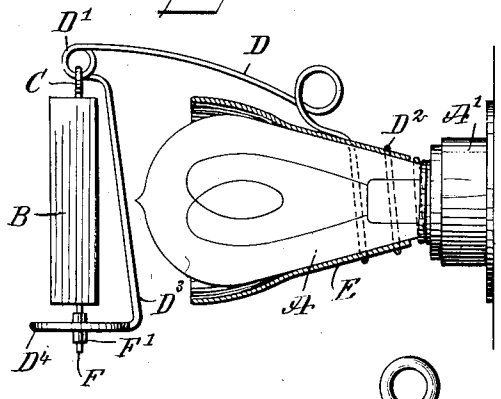


Fig. 5

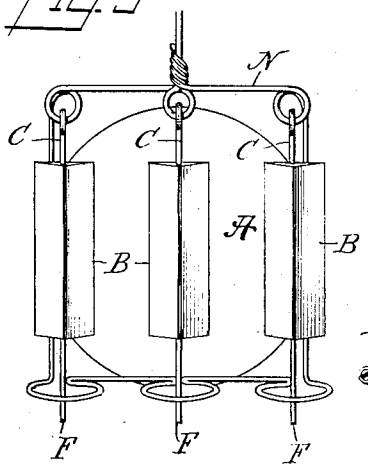


Fig. 3

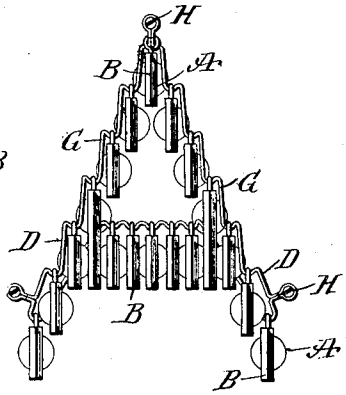


Fig. 6

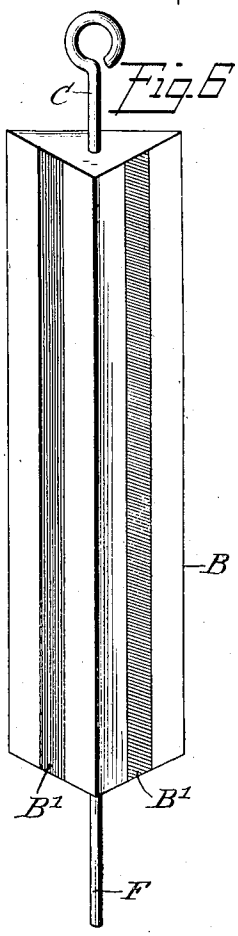
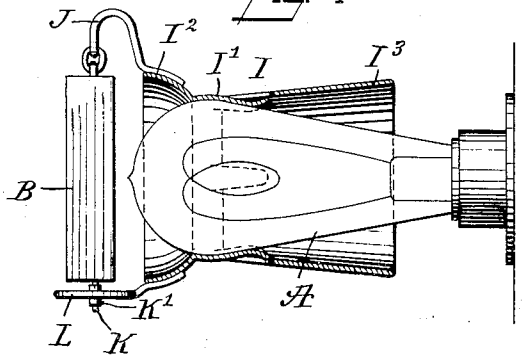


Fig. 4



WITNESSES

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PRISM FOR ELECTRIC LAMPS.

No. 909,507. Specification of Letters Patent. Patented Jan. 12, 1909.

Application filed November 5, 1907. Serial No. 400,772.

To all whom it may concern:

Be it known that I, JUSTUS C. ZUBLI, a subject of the Queen of the Netherlands, and a resident of Seattle, in the county of King and State of Washington, have invented a new and Improved Prism for Electric Lamps, of which the following is a full, clear, and exact description.

The invention relates to electric lamps used for decorating and illuminating purposes for signs and the like, and its object is to provide a new and improved prism for electric lamps, arranged to utilize the rays of light of the electric lamp for giving a brilliant effect.

The invention consists of novel features and parts and combinations of the same, which will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of the improvement as applied; Fig. 2 is a side elevation of the same and showing the reflector in section; Fig. 3 is a front elevation of the improvement in the form of a letter for an illuminated sign; Fig. 4 is a side elevation of a modified form of the improvement as applied, and showing the reflector in section; Fig. 5 is a front elevation of a modified form of the improvement, and Fig. 6 is a perspective view of a modified form of the prism.

As illustrated in Figs. 1 and 2, the bulb A of an electric lamp is disposed horizontally, and in front of it is suspended a prism B, provided at its upper end with an eye C, engaging a ring D′ formed on a suspending rod D, preferably made of wire, and terminating at its rear end in a coil D^2 fitting partly over a tubular reflector E held on the bulb A, the said coil D^2 having its terminal passing around the rear end of the bulb A adjacent to the socket A′. By the arrangement shown and described, the rays of light emanating from the electric lamp pass through the prism B suspended in front of the bulb A, so as to give a brilliant effect. By suspending the prism B in the manner described it is free to swing and to turn partly around its longitudinal axis by wind or by a current of air supplied by an electric fan or other means. The reflector E may be of opaque material or colored transparent or translucent material, to heighten the effect of the illumination. The lower end of the prism B is provided with a rod F, covered by a sleeve F′ of rubber or other soft material, to form a cushion arranged within a circular guard D^4, formed on an arm D^3, extending from the ring D′ of the suspending rod D. By the arrangement described the swinging movement of the prism B is limited by the guard D^4, to prevent the prism from striking the bulb A.

As illustrated in Fig. 3, the prisms B are suspended in front of the bulbs A of electric lamps by the use of a suspension device G made of wire or other suitable material, and fastened by screws H or other means to a fixed support. Now by reference to Fig. 3, it will be seen that the suspension device G and the prisms B and bulbs A are so arranged as to form a letter of the alphabet, to permit of using the device for an illuminated sign, in which each prism is illuminated by an electric lamp.

As shown in Fig. 4, the bulb A of the electric lamp is engaged by the spring arm I′ of a reflector I having a front reflecting surface I^2 and a rear reflecting surface I^3, so as to throw the rays of light in both directions. The prism B in front of the bulb A is suspended from a rod J, attached to the reflector I, and the said prism B is provided at its lower end with a rod K having a cushion K′ extending within a circular guard L, likewise attached to the reflector I. In this case, the reflector I, the rod J, the prism B and guard L form a device for convenient attachment to the bulb A of an electric lamp.

In the modified form shown in Fig. 5, a plurality of prisms B are shown suspended from a suspending frame N in front of the bulb A of the electric lamp.

In Fig. 6 is illustrated a prism B having colored stripes B′ at the forward faces to heighten the effect of the illustration.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. An illuminating device, comprising an electric lamp, and a prism rotatably mounted in front of the bulb of the lamp, and means in connection with the mounting for permitting said prism to swing with respect to the lamp.

2. An attachment for electric lamps, com-

prising a prism, a suspending rod for the same and having a means for engagement with the lamp, and a guard in connection with said means for limiting the swinging movement of the said prism.

3. An attachment for electric lamps comprising a reflector for engagement with the bulb of the lamp, a prism rotatably mounted in front of the lamp bulb, the mounting of the prism being carried by the reflector and means in connection with the mounting for permitting the prism to swing with respect to the lamp.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JUSTUS C. ZUBLI.

Witnesses:

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