

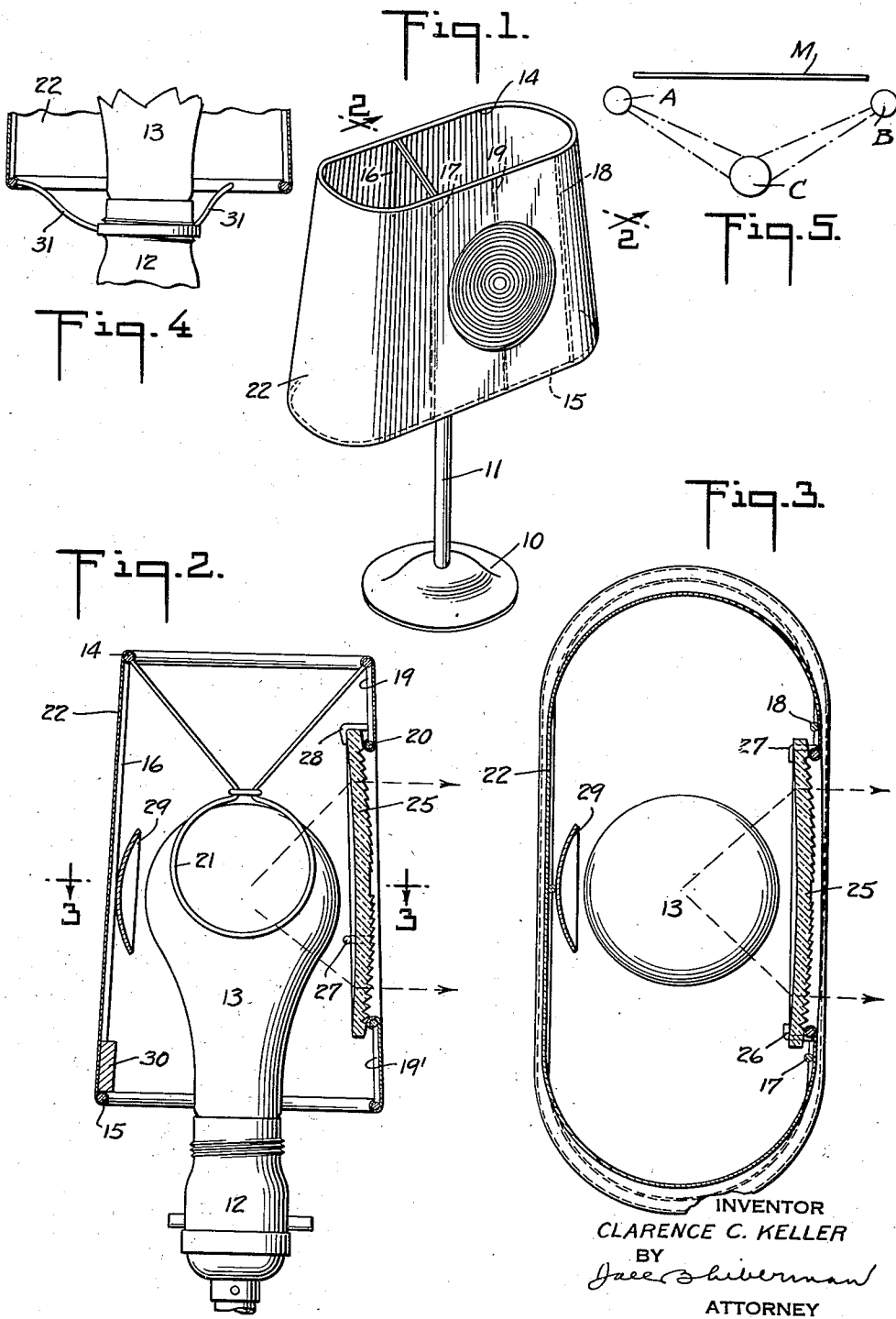
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LAMP

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2 Claims. (Cl. 240—93)

The present invention relates to lamps and is more particularly directed toward a portable lamp having a shade about the light source and means to project a concentrated beam of light.

5 The present invention contemplates a lamp more particularly designed for use as a make-up lamp and having a diffusing lens with a side opening which accommodates a light concentrating lens. The shade is preferably mounted so as to be adjustable whereby the direction of the light beam may be controlled.

Other and further objects of the invention will appear as the description proceeds.

15 The accompanying drawing shows, for purposes of illustrating the present invention, one of the many embodiments in which the invention may take form together with modifications of certain parts, it being understood that the drawing is illustrative of the invention rather than limiting the same. In the drawing:

Fig. 1 is a perspective view of a form of portable lamp embodying the present invention;

Fig. 2 is a vertical sectional view on the line 2—2 of Figure 1;

25 Fig. 3 is a horizontal sectional view on the line 3—3 of Figure 2;

Fig. 4 is a fragmentary view showing a modified form of construction; and

Fig. 5 illustrates the use of two of the lamps in front of the mirror for make-up purposes.

The lamp except for the shade may be of conventional construction. It is shown as having a base 10, a column 11, a lamp socket 12 and a lamp bulb 13.

35 As shown in Figures 1 to 3 the frame for the shade has an upper wire member 14, a lower wire 15 and suitable connecting wire members 16, 17 and 18. The frame members also have a vertical member 19—19' which supports a ring 20. The upper wire frame 14 also carries a spring clamp 21 adapted to engage the lamp bulb. The shade frame is provided with suitable diffusing shade material such as parchment as indicated at 22. This material is apertured and secured about the 45 ring 20.

A light concentrating lens 25 is suitably supported by the frame in position to close the aperture. A convenient means for securing the lens in place may include two rigid bent wire members 26 and 27 carried by the ring 20 and a bendable strip of metal indicated at 28. The lens may be round or square or have other ornamental shape but it is preferably carried so that the focus of the lens substantially coincides with the 55 center of the lamp bulb. In order to increase the

intensity of the light beam a reflector 29 is secured to the shade frame on the side opposite the lens 25 and in order to make the shade more stable on the lamp bulb, a balance weight 30 is placed inside the shade and opposite the lens 5 as indicated.

Instead of supporting the shade directly from the lamp bulb it is possible to support it from the lamp socket by a frame indicated at 31 in Figure 4.

Lamps such as shown herein are particularly adaptable for use as make-up lamps. Two such lamps may be placed as indicated at A and B in Figure 5. The mirror M reflects the image of the face when the subject is in the region indicated at C. The lamps A and B both produce very intense beams of light which highly illuminate the person's face and hence they can very satisfactorily observe the effect of the make-up being applied.

It is possible to select a lens which will produce color corresponding with substantial day light or corresponding with artificial light. The shade frame may be turned about the lamp bulb so as to adjust the position where the light beams fall and may be tilted to some extent to elevate or depress the beam so that it will not be necessary at all times to have the lamp at the same elevation as the face of the user.

It is obvious that the invention may be embodied in many forms and constructions within the scope of the claims, and I wish it to be understood that the particular form shown is but one of the many forms. Various modifications and changes being possible, I do not otherwise limit myself in any way with respect thereto.

What is claimed is:

1. In a lamp, in combination, an electric lamp bulb, a shade frame supported for adjustment about the bulb axis and having a rigidly supported ring intermediate the top and bottom of the frame, light diffusing shade material extending from the top to the bottom of the frame and surrounding the lamp bulb except adjacent the ring, where it is apertured, the aperture-forming edges 45 of the shade material being secured to the ring for reinforcement and support, and a light concentrating lens between the bulb and aperture and having the focus substantially at the center of the bulb for collecting and projecting an intense beam of light in the direction determined by the adjustment of the shade frame about the bulb axis.

2. In a lamp, a lamp bulb, a lamp shade having an upper frame, a lower frame, upright mem- 55

bers connecting the upper and lower frames together, one of said upright members including a ring, diffusing shade covering material on the frames, there being an opening defined by the ring, the edges of the covering material being secured to the ring, a light concentrating lens secured across the ring, a reflector carried by the

shade on the side of the bulb opposite the lens, the lens and reflector having substantially common foci in the center of the lamp bulb, and supporting means for the shade whereby the shade may be adjusted about the bulb axis to orient the beam produced by the lens and reflector. 5

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