

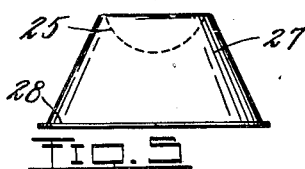
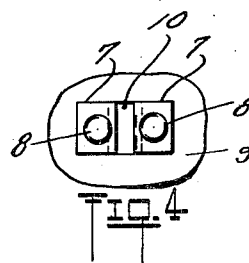
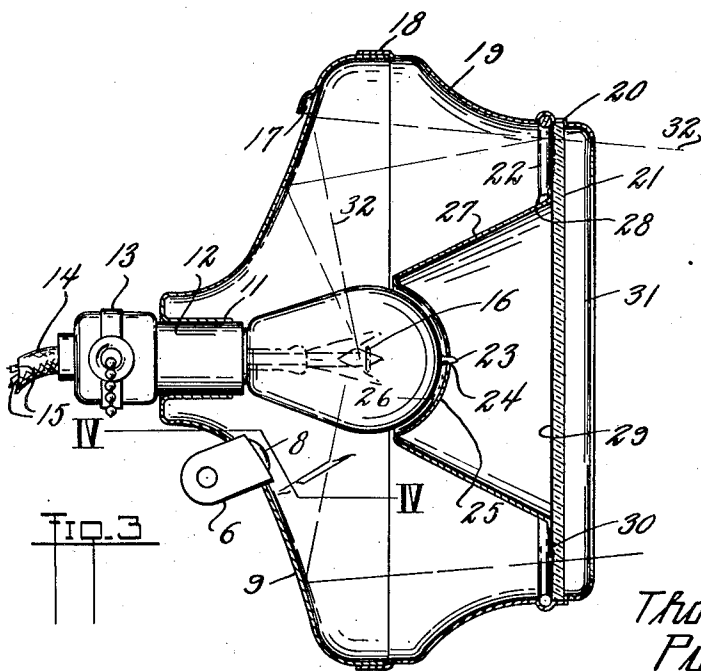
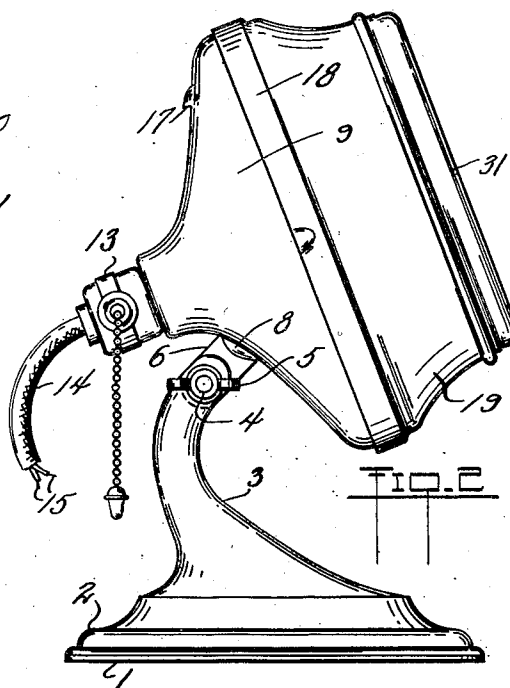
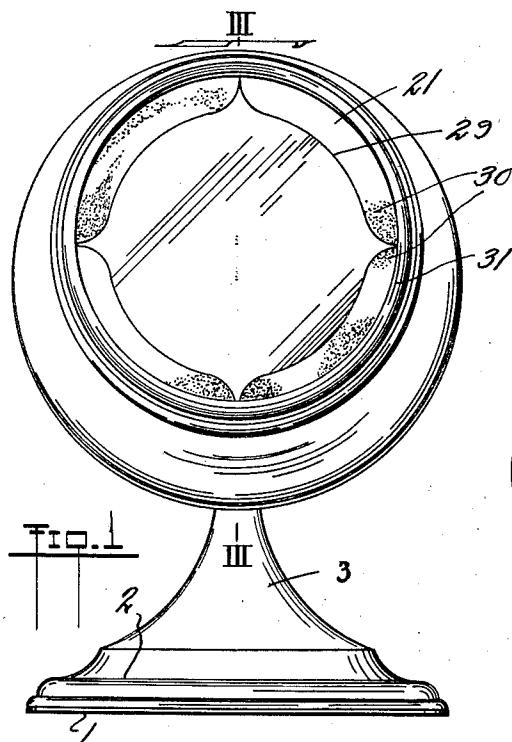
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T. E. HAUSER ET AL

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TOILET ACCESSORY

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1,979,542

TOILET ACCESSORY

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2 Claims. (Cl. 240—4.1)

This invention relates to specialties, more particularly for light ray control.

This invention has utility when incorporated in portable stands as a light source for illumination therefrom and observance thereto.

Referring to the drawing:

Fig. 1 is a front elevation of an embodiment of the invention, especially for facial observance and treatment in toilet or so-called beauty operations;

Fig. 2 is a side view of the embodiment of Fig. 1;

Fig. 3 is a section on the line III—III Fig. 1;

Fig. 4 is a detail view on the line IV—IV Fig. 3; and

Fig. 5 is a detail view of the shield for insertion between the light source or bulb and the lens at its mirror side.

Pad 1 is upon base 2 from which there extends upward support 3 to hinge bolt 4 upon which is mounted wing nut 5 in providing an adjustable hinge joint or bracket connection to sub-bracket 6 having oppositely extending wings 7. These wings 7 have rivet connections 8 with housing or shell 9 at opening 10 into such shell. The sub-bracket portions 6 are spaced from each other to provide ventilation at the opening therebetween through the shell 9. This shell 9 has central inwardly-extending sleeve 11 providing a seat for socket 12 having pull switch 13. Electric conduit 14 extends to this switch 13 and carries electric conductor wires 15 thereto as a source of electric energy for lamp or light source 16 in the socket 12. This housing 9, in addition to the vent opening 10 at the sub-bracket 6, is provided with louver or vent opening 17 thereabove.

Flange 18 on companion housing 19 has slip fit connection with this housing section 9. The housing section 19 has reduced forward portion providing annular seat 20 wherein is located lens 21 held by split ring 22 as a detachable mounting therefor.

The light bulb or light source 16 is provided with tip 23 coacting with port 24 in spherical shell portion 25 thereby spaced to have clearance 26 as to bulb 16 to form a ventilation region. From the spherical portion 25 there extends flare shield portion 27 terminating in flange 28 abutting the lens 21 within the extent of opaque backing 29 as a reflector or mirror in the medial region of the lens 21. This lens 21 about such region or reflective portion of the mirror 29 has on the common side with the opaque portion 29 a ground glass ray dispersion portion 30. Overhanging this ray dispersion portion 30 of the lens 21 is rim 31.

In operation of this toilet accessory, the bracket

at the wing nut 5 permits adjustment of this device to have the mirror 29 in the desired location for the user to gaze therein, while light rays 32 from the light source 16 are reflected by the inner side of the housing portion 9 and are thereby directed through this ray dispersion portion 30 to give a uniform indirect shadowless illumination of the object, say the face of the one using the apparatus while shaving. By connection of the light source for a selected ray composition there may be use of this apparatus for the desired color effect, even for the application of cosmetics. There is no tendency to heat the lens unduly for the housing is ventilated, and the clearance 26 with the shield 25, 27, insulates the energy source or bulb 16 from the lens 21. This ray dispersion is such that there is not only shadowless illumination but such may be common for the entire portion of the object visible, as both sides of the face of the one using the apparatus.

What is claimed and it is desired to secure by Letters Patent is:

1. A reflective projector embodying a lens having on a common side thereof a mirror opaque portion and a bounding thereof by ground glass, a housing for the lens, light source means in the housing, and shield means between the light source means and the opaque portion and spaced from the light source means, said shield means flaring from the light source to abut the lens adjacent the outer edge of the mirror portion, thereby shielding the mirror back central portion from direct and reflected rays of the light source.

2. A toilet accessory comprising a transparency having a portion thereof rendered opaque by a mirrored surface and provided with a translucent border about the opaque portion, a mounting therefor comprising a tubular housing section mounting the transparency intermediate the housing length to provide an extension forwardly and rearwardly from the transparency, said forward extension providing an endless inwardly directed flange as a reflector for the light rays through the translucent portion on to the mirrored surface and limiting ray dispersion from the mirrored surface, a cup-shaped housing member coacting with the rearward housing extension to provide a chamber, and a light source in said chamber.

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