Oct. 19, 1948. E. P. TRUESDALE 2,451,995

LAMP FOR HOSPITAL BEDS

Filed April 14, 1947

Fig. 1.

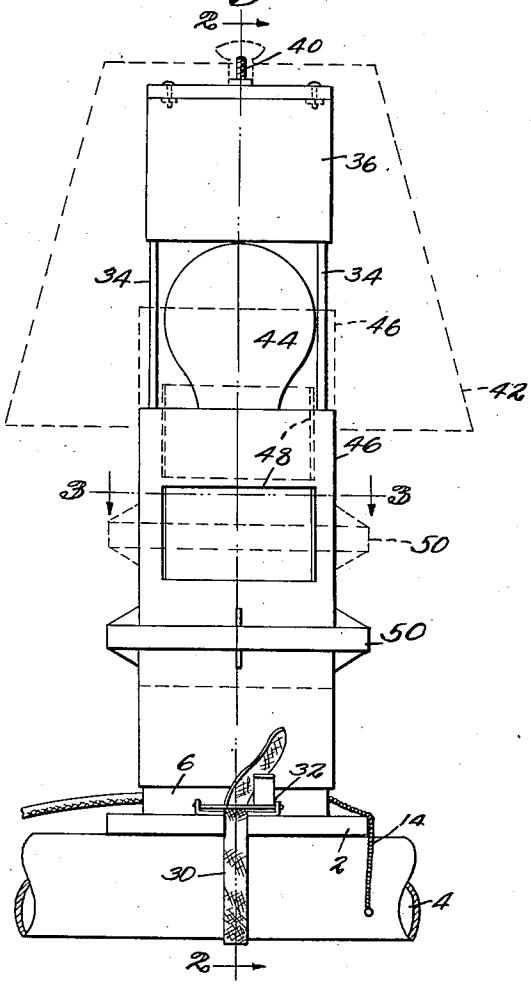


Fig. 2.

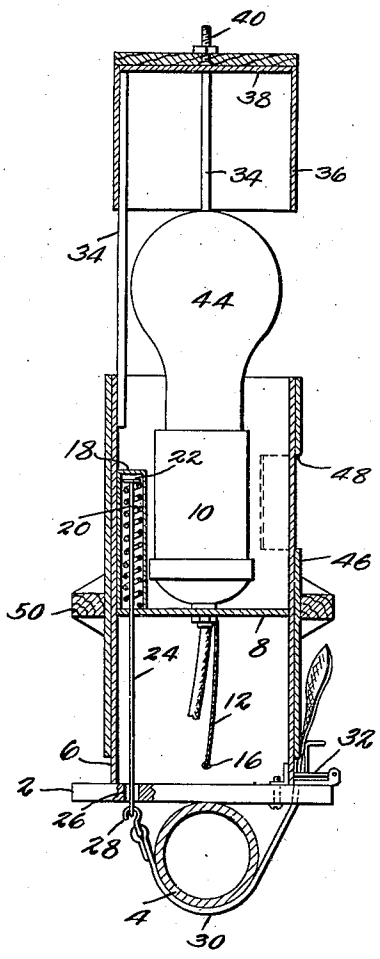
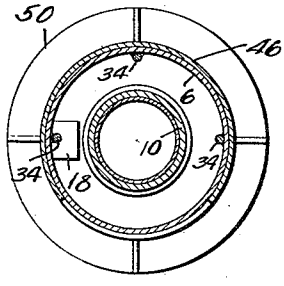


Fig. 3.



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LAMP FOR HOSPITAL BEDS

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2 Claims. (Cl. 240—11.2)

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My present invention relates to an improved bed lamp of the type especially adapted for mounting on hospital beds and adjustable thereon. The structure of the lamp also includes novel and unique means for supporting the lamp shade together with other features hereinafter more fully described.

In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention according to the best mode I have thus far devised, but it will be understood that various changes and alterations may be made in the exemplified structure within the scope of the appended claims.

In the drawings:

Fig. 1 is a plan view of the lamp of my invention shown mounted on a tubular portion of the bed.

Fig. 2 is a vertical sectional view thereof at line 2—2 of Fig. 1.

Fig. 3 is a horizontal sectional view at line 3—3 of Fig. 1.

Referring now to the drawings, I have illustrated the preferred embodiment of my invention as comprising a disk base 2 resting upon the tubular portion 4 of a bed.

Above the base I position a cylinder 6 and on the transverse plate 8 I have illustrated a conventional electric lamp socket 10 having wire 12, to pull chain 14 passing through aperture 16 of the cylinder. In a casing 18 on the plate 8 I have secured the coil spring 20 urging upwardly with the casing the disk 22 secured to rod 24 which passes through aperture 26 to engage hook 28 of strap 30. The free end of the strap passes through a conventional clamp 32 on the base exterior of the cylinder, and affords a resilient securing means for the bed tube.

At the upper end of the cylinder I secure as by welding, the supporting rods 34 for the hood 36. On the top 38 of the hood I position a bolt 40 to which may be attached a shade 42 if desired.

As indicated the hood is spaced above the cylinder and to afford a means of controlling the light from the lamp 44, the base of which is located in the space between the cylinder and hood, I position in close frictional engagement with the cylinder 6, a cylindrical closure 46 slidable upwardly and circumferentially of the cylinder 6 to close the space. An opening 48 in the closure permits the direction control of light rays as the closure is adjusted as desired.

A rim 50 here shown as wood but which may be of any suitable insulating material, encircles the closure and provides a means for adjusting the closure without danger of burning the hands if the closure should become heated from the lamp.

In operation with the lamp bulb illuminated,

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the closure may be elevated on the cylinder to control the light reaching the shade, or if used without the shade, if the closure is elevated to the hood, the closure may be rotated to direct the rays as they pass through the opening.

It will be further seen that the present invention adds appreciably to the advantages and uses of a table lamp, in that it can be adjusted from any degree of brightness to almost complete darkness in a room, and with light rays directed away from the patient with still sufficient light to be of real service to a nurse.

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

1. In a lamp, a base, means for securing the base to a support, a cylindrical body rising from the base, a lamp socket in the cylindrical body and an electric bulb in the socket extending above the cylindrical body, a hood supported above and in spaced relation with the cylindrical body, and an apertured cylindrical closure slidably mounted on the cylindrical body adapted to close the space between the cylindrical body and hood, and said apertured cylinder being rotatable about the cylindrical body whereby light rays from the lamp may be directed through the aperture in predetermined directions.

2. In a lamp, a base, a cylinder secured to and rising from the base, a lamp socket in the cylinder and an electric bulb in the socket extending above the cylinder, a hood, supporting rods connected with the cylinder and hood supporting the hood above and in spaced relation to the cylinder exposing the electric bulb, an apertured closure mounted on the cylinder for sliding movement longitudinally of the cylinder, said closure being movable beyond the upper end of the cylinder substantially closing the space between the cylinder and hood, and said hood also being rotatable about the cylinder whereby the light rays may be directed through the aperture in predetermined directions.

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