

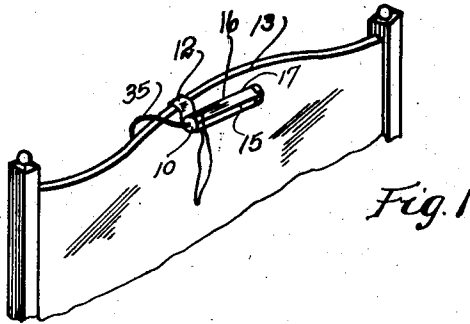
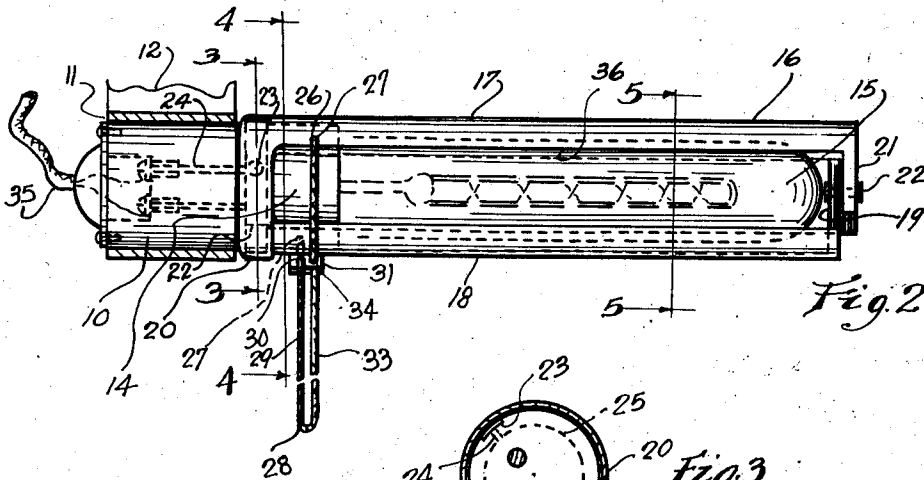
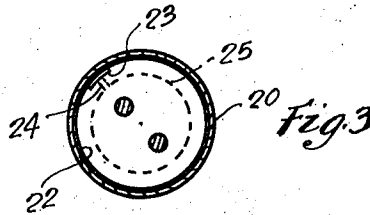
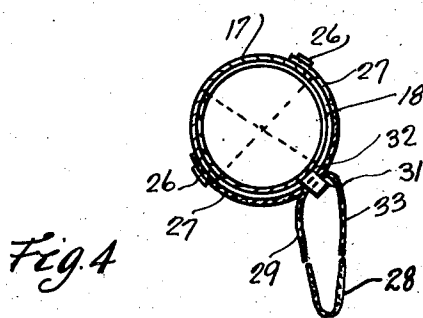
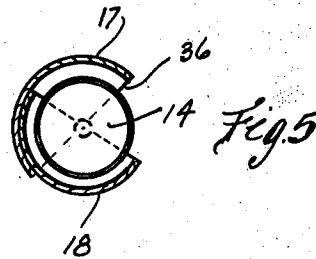
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2,406,480

READING LAMP

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READING LAMP

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2 Claims. (Cl. 240-4)

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This invention relates to certain novel improvements in reading lamps. More specifically the invention relates to a reading lamp which may be attached in a suitable manner to the head of the bed and has for its principal object the provision of an improved construction of this character which will be highly efficient in use and economical in manufacture.

One of the objects of this invention is to provide a reading lamp especially adapted for attachment to a bedstead at the head thereof and constructed in such manner as to permit the user to increase or decrease the field of light to the comfort and convenience of the user.

A still further object of the invention is the provision of means for permitting the above adjustment without requiring the bed light to be detached from its fixed position upon the bedstead and without extinguishing the light.

A still further object of the invention is the provision of means for accomplishing the above adjustment, which is simple in nature and requires very little effort on the part of the user to bring about the desired result.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing showing the preferred form of construction, and in which:

Fig. 1 is a fragmentary perspective view of a bedstead showing my improved invention associated therewith;

Fig. 2 is a side elevational view of the invention;

Fig. 3 is a sectional detail view taken substantially on line 3-3 of Fig. 2;

Fig. 4 is a sectional detail view taken substantially on line 4-4 of Fig. 2; and

Fig. 5 is a sectional detail view taken substantially on line 5-5 of Fig. 2.

The drawing illustrates the preferred form of construction by which the several objects of my invention are accomplished. In this connection a plug is indicated at 10, and this plug is preferably arranged in a strap 11 having a resilient extension 12 whereby the latter may be releasably clamped upon a bed fixture 13 such, for example, as a bedstead at the head thereof. Connected to this plug in the usual manner is a socket 14, and threaded into this socket 14 is an electric bulb 15. Carried by the socket 14 is an enclosure 16 for the bulb 15. This enclosure 16 comprises two inter-fitting sections 17 and 18, the section 18 being of

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a smaller diameter than the section 17 so as to fit therein for reasons and in the manner herein-after set forth. The section 18 is secured in any suitable manner to the socket 14 and at its outer end provides a wall 19. The section 17, like the section 18, is semicircular in cross section and, at one end, section 17 provides a collar 20 adapted to rotate freely upon the socket 14. The opposite end portion of the section 18 provides a wall 21, and this wall 21 by means of a pin 22 is rotatably connected to the end wall 19.

Carried by the collar 20 is a segmental conductor ring 22, Fig. 3, and this conductor 22 has contact with a head 23 of a conductor 24, Fig. 2, in turn having connection with the cup 25 of the socket 14 into which the bulb 15 is threadably mounted.

Secured to the section 17 on opposite ends thereof as at 26, are the ends 27 of a cord 28. This cord 28 has one branch 29 thereof payed through an opening 30 formed in a guide block 31 secured as at 32 to the cover section 18. The other branch 33 of this cord is payed through an opening 34 formed in the block 31. Any means may be employed for attaching the bed light to the bedstead 13.

In use, when the sections 17 and 18 are in opposed relation with respect to each other, they provide a complete enclosure for the electric bulb 15. In this position of the sections 17 and 18, the conductor ring 22 will be rotated from engagement with the conductor 24 so as to disconnect the electric bulb from the source of electric energy 35. The user, to energize the electric bulb and to permit the emission of the light rays from the enclosure, will hold the cord 28 between his or her fingers and, by pulling upon the left-hand branch 29 thereof (Fig. 4), the section 18 will be caused to revolve within the section 17 and in so revolving, the slit or opening 36 will be enlarged to increase the light area. Should the reader desire to reduce the light area, he does so by applying pulling force to the right-hand cord branch 33 to rotate the section 18 in an opposite direction thus to diminish or reduce the width of the slit 36.

By this arrangement, the reader, with the minimum degree of effort and without removing the reading lamp from its attached position, may adjust the area of the field of light. In pulling upon either of the cord sections, 29 and 33, the force of the pull is exerted upon the block 31, which block 31 transmits the force to the section 17,

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causing the same to rotate relative to the section 18.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. A reading lamp comprising a source of light, means providing an enclosure for the source of light comprising two telescopically arranged sections, and means for rotating one of said sections relative to the other to provide a slit between said 20

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sections for the emission of light from the light source, said means comprising a cord having opposite end portions connected to one of said sections and a member having spaced perforations through which the cord is passed in opposite directions.

2. A reading lamp comprising a socket, a light bulb mounted in said socket, an enclosure for said light bulb comprising two telescopically arranged sections each formed substantially semicircular in cross section and rotatable relative to each other, means for rotating said sections relative to each other to provide a slit between said sections for the emission of light from said bulb, said 15 means comprising a cord having opposite end portions connected to one of said sections and a member having spaced perforations through which the cord is passed in opposite directions.

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