

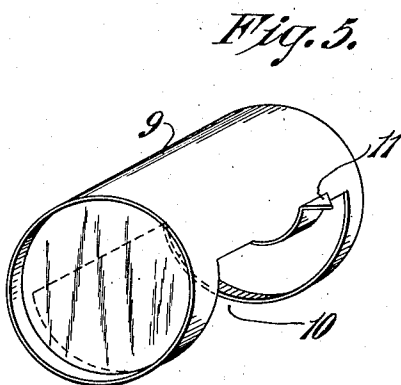
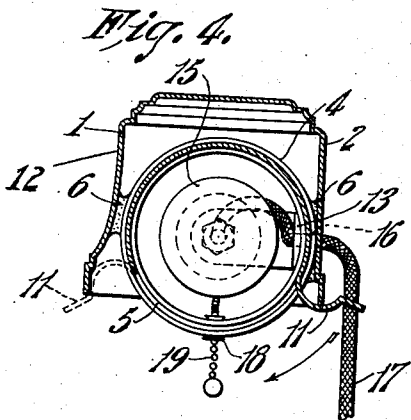
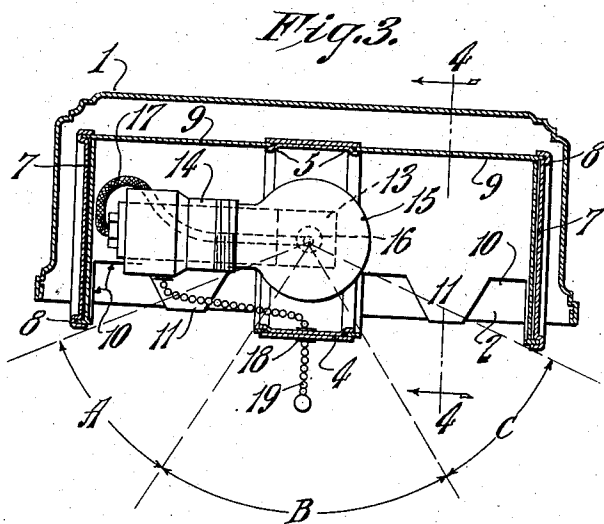
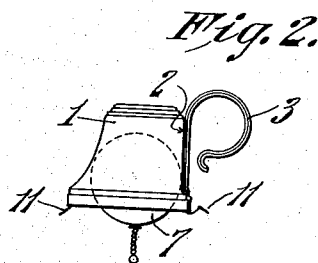
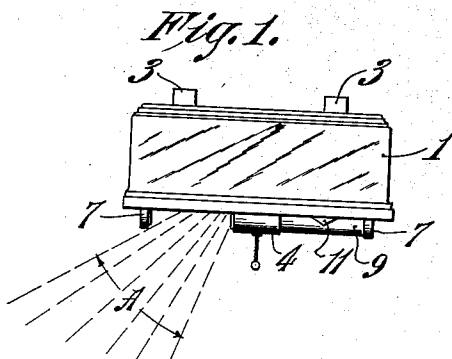
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2,158,408

BED LAMP

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BY

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2,158,408

BED LAMP

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4 Claims. (Cl. 240-4)

My invention relates to improvements in bed lamps.

An object of my invention is to provide, in a bed lamp, means for directing the light from the lamp toward either side of a double bed independently, so that either side may be lighted independently of the other, or both sides may be lighted at the same time. The purpose of such a construction is to permit either one of two occupants of a double bed to utilize the light without disturbing the other.

Another object of this invention is to provide a bed lamp which may be as efficiently used to serve a pair of spaced twin beds as a single double bed.

A further object of this invention is to provide, in a bed lamp construction, means for projecting a relatively broad shadow, centrally located relative to the two lighted areas, so that, when only one side of the bed is lighted the light cannot encroach upon the unlighted side of the bed.

Another object of this invention is to provide a twin, or double bed lamp, utilizing a single lamp bulb, which will be extremely simple and economical of construction.

These, and other objects and advantages of my invention, will be more completely described and disclosed in the following specification, the accompanying drawing, and the appended claims.

Broadly, my invention comprises a casing or shade member open at the bottom, an open-ended cylindrical track member secured in the casing centrally of the ends of the casing, circular end track members secured in the casing and spaced from the central track member, a lamp socket secured on the central track member, a lamp in the socket, the central track member being substantially greater than half the length of the lamp, the lamp being centered in the central track member, and a cylindrical shutter member revolvably supported between the central track member and each of the end track members, whereby either of the shutter members may be operated independently of the other, the shutter members being provided with openings approximately equal in length to the space between the central track member and the end track member.

A preferred embodiment of my invention is illustrated in the accompanying drawing, in which:

Fig. 1 is a front elevational view of the bed lamp,

Fig. 2 is a side elevational view,

Fig. 3 is a longitudinal sectional view,

Fig. 4 is a cross sectional view, taken on the line 4-4 of Fig. 3, and

Fig. 5 is a perspective view of one of the shutter members.

Referring now to the drawing in detail, in which like numerals refer to like parts throughout:

A casing 1, open at the bottom, has secured on the back wall 2 suitable suspension clips 3. A cylindrical, open-ended track member 4, provided with annular grooves 5, is centrally located in the casing 1 and secured to the casing 1 by any suitable means, such as solder 6. End track members 7, spaced from the member 4 on either side thereof and provided with annular grooves 8 which are aligned with the grooves 5, are similarly secured in the casing 1. Cylindrical shutters 9, formed with rectangular openings 10, are rotatably supported in the tracks 5 and 8. The shutters 9 are provided with extending operating ears, or fingers 11, which engage the rear wall 2 of the casing 1 to limit the open position of the shutters, and which also engage the front wall 12 of the casing 1 to limit the closed position of the shutters, as indicated in full and dotted lines, respectively, in Fig. 4.

A strap member 13 is secured on the central track member 4 and provides a support for a lamp switch and socket 14, and a lamp 15 is removably secured, in the usual manner, in the lamp socket 14. The strap 13, member 4 and casing 1 are formed with registering openings 16 through which a lamp cable 17 is passed, and a sleeve 18 secured in the bottom of the member 4 serves as a guide for the switch chain 19 and prevents contact of the chain 19 and shutter 9.

The arrangement of the lamp, socket, and strap is such that the lamp is supported on the axis of the shutters 9 and centered in the member 4. The member 4 is relatively greater in width than half the length of the lamp 15, yet more narrow than the length of the lamp 15, as indicated in Fig. 3.

As a result of this proportioning and positioning of cooperating parts, light beams A and C, projected from the lamp 15 through the openings 10 in the shutters 9, are separated by a wide angle of shade B, caused by the member 4. Thus, with the casing, or shade 1 centered over a double bed, or between twin beds, the light beams A and C are projected on either side of and spaced from the center line of the bed, or beds, so that, with one of the shutters closed, shutting off its light beam, no encroachment of the other light beam on the shaded area is possible.

What I claim is:

1. In a bed lamp construction, a casing open at one side, a pair of independently operable cylindrical shutters adapted to substantially close said opening, said shutters being axially aligned and spaced from each other, means for
5 revolvably supporting said shutters, each of said shutters being formed with an opening, a barrier member between said shutters, a lamp supported on said barrier member and in the center of said
10 barrier member, whereby light beams projected through the openings in said shutters will be separated by a shadow cast by said barrier member.

2. In a bed lamp construction, a casing open at one side, a cylindrical, open-ended partition
15 member having its edges formed with circular grooves, circular end members spaced from each end of said partition member and axially aligned therewith and formed with circular grooves registering with the grooves in said partition member, cylindrical shutters revolvably supported in
20 the grooves in said members and separated by said partition member, said shutters being adapted to substantially close the opening in said casing and formed with openings substantially
25 equal in length to the distance between the partition member and the end member, and a lamp supported in said partition member.

3. A bed lamp comprising a shade member

open at the bottom, an open-ended cylindrical track member centrally disposed in said shade member, circular end track members secured in the shade member and spaced from said central track member, a lamp socket secured on said central track member, a lamp in the socket, the central track member being substantially greater in width than half the length of said lamp and the lamp being centered in the central track member, a cylindrical shutter revolvably supported between the central track member and each of the end track members and formed with a light opening extending from the end track member to the central track member, whereby either of the shutter members may be operated independently
15 of the other.

4. In a bed lamp construction, a shade member, a pair of independently operable shutters revolvably supported in said shade member and axially aligned, each of said shutters being
20 formed with a light opening, a partition member separating said shutters, a lamp supported on and centered in said partition member, whereby light beams emitted by said lamp through said openings will be separated by a shadow cast by
25 said partition.

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