Sept. 30, 1952 T. C. MATSON ET AL 2,612,599

PORTABLE BED LAMP WITH ADJUSTABLE SHUTTER

Filed Feb. 18, 1949

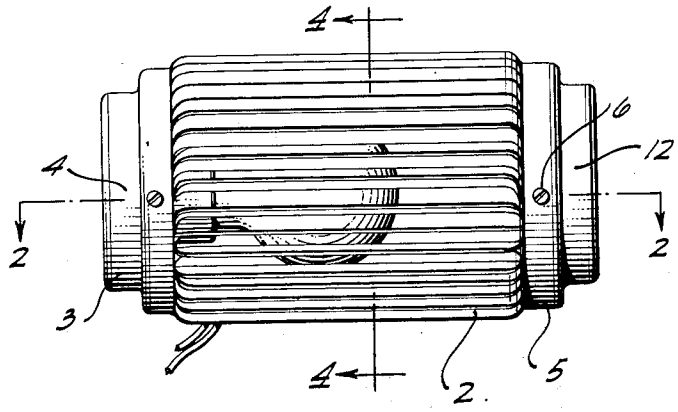


FIG. 1.

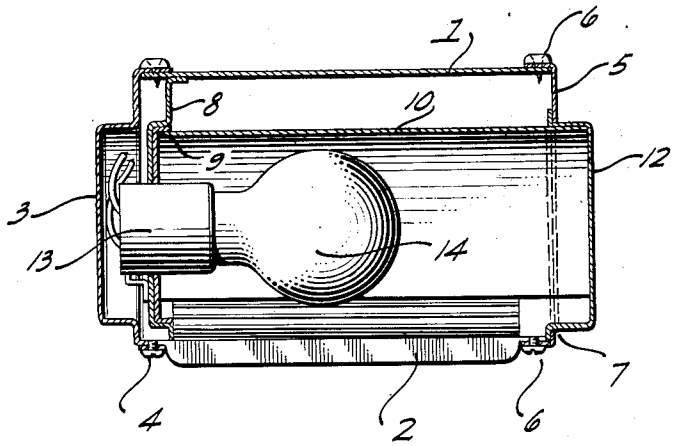


FIG. 2.

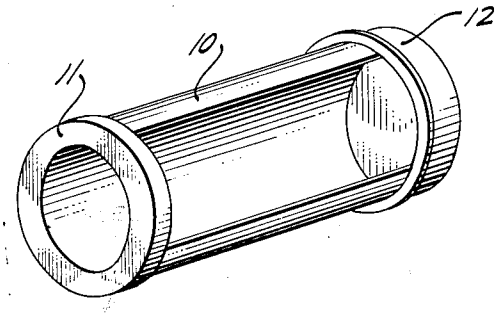


FIG. 3.

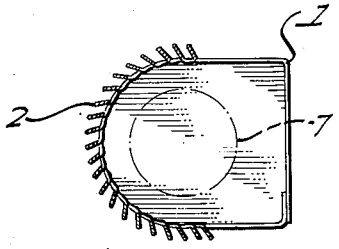


FIG. 4.

INVENTORS.
THEODORE C. MATSON,
ROGER N. RIEWERTS,
DALE E. MORTENSEN,
BY
ATTORNEY.

Patented Sept. 30, 1952 2,612,599

UNITED STATES PATENT OFFICE

2,612,599

PORTABLE BED LAMP WITH ADJUSTABLE SHUTTER

Theodore C. Matson, Long Beach, Roger N. Riewerts and Dale E. Mortensen, Bellflower, Calif.

Application February 18, 1949, Serial No. 77,126

1 Claim. (Cl. 240—11.2)

1

This invention relates to a portable bed lamp, although it may be also used as a desk lamp, and the lamp is provided with a rotatable shutter so that the light can be deflected in the direction desired.

An object of our invention is to provide a novel portable lamp with adjustable shutter, which is formed of a plurality of stampings and is, therefore, simple in construction and inexpensive to manufacture.

A feature of our invention is to provide a novel portable lamp with adjustable shutter, in which the various parts serve more than one function when assembled, thus providing a lamp which is easy to assemble and also which requires a minimum number of parts.

Other objects, advantages and features of invention may appear from the accompanying drawing, the subjoined detailed description and the appended claim.

In the drawing:

Figure 1 is a top plan view of our portable lamp.

Figure 2 is a sectional view taken on line 2—2 of Figure 1.

Figure 3 is a perspective view of the shutter.

Figure 4 is a transverse sectional view of the louvered case alone.

Referring more particularly to the drawing, our portable lamp consists of a case 1, formed of a single sheet of metal, and before the case is bent it is cut by means of a die to form the louvers 2. The strip of material is then bent to form a substantial rectangular box-like structure, which is open at both ends and the louvered part of which is semi-cylindrical. The one end of the case is closed by the cap 3, the cap being attached to the case by means of screws 4 or the like. The other end of the case is closed by a ring 5, this ring also being attached to the case by means of screws 6. The ring 5 is formed with an enlarged central hole therein, indicated at 7, the purpose of which will be further described.

A transverse wall 8 is fixedly mounted within the case 1 and is positioned adjacent the cap 3. The wall 8 is provided with a cylindrical recessed bearing 9, the purpose of which will be further described.

A semi-cylindrical shutter 10 is mounted in the case 1, the end 11 of the shutter being journaled in the bearing 9. The opposite end of the shutter is closed by a cupped end 12 and this cupped end protrudes through the opening 7, so that it may be grasped to rotate the shutter 10, as desired by the user. A socket 13 is fixedly

2

mounted in the wall 8, and the light bulb 14, which is mounted in the socket 13, extends into the shutter 10, substantially as shown in Figure 2.

It will be evident from the foregoing description that the case 1 can be assembled from a strip of metal and bent into the semi-rectangular form, the cap 3 and the ring 5 are both stamped from metal strips and are attached to the case by means of screws. Before the cap and the ring are attached, the transverse wall 8 is mounted in the case by welding or soldering this wall in position. The shutter 10 is then inserted into this bearing in the wall 8. The ring 5 is then slipped over the cupped end 12 and, thereafter, the ring 5 and the cap 3 are attached to each end of the case by means of the screws 4 and 6.

Having described our invention, we claim:

A portable bed lamp comprising a case formed of an integral strip of metal, the rear portion of the case being substantially rectangular in cross-section and the front portion of the case being semi-cylindrical, louvers extending longitudinally of the case and formed in the semi-cylindrical part of the case, a cap closing one end of said case, screws extending through the cap and into the case to secure the cap thereto, a ring partly closing the other end of said case, screws extending through the ring and into the case to removably hold the ring in position, a fixed transverse wall in said case positioned at one end of the case and adjacent said cap, said wall having a recessed bearing formed therein, a semi-cylindrical shutter within the case and movable over the louvers, one end of said shutter being journalled in said bearing, a cupped end closing the other end of said shutter and fixedly attached thereto, said cupped end extending through said ring and journalled therein, a lamp socket fixedly mounted in the transverse wall and projecting into one end of said shutter.

THEODORE C. MATSON.
ROGER N. RIEWERTS.
DALE E. MORTENSEN.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
548,369	Kinsman	Oct. 22, 1895
987,004	MacKenzie	Mar. 14, 1911
1,726,907	Lewensohn	Sept. 3, 1929
2,374,161	Belden	Apr. 24, 1945