

Sept. 23, 1924.

1,509,211

J. B. KAUSAL

ELECTRIC LAMP

Filed June 23, 1922

2 Sheets-Sheet 1

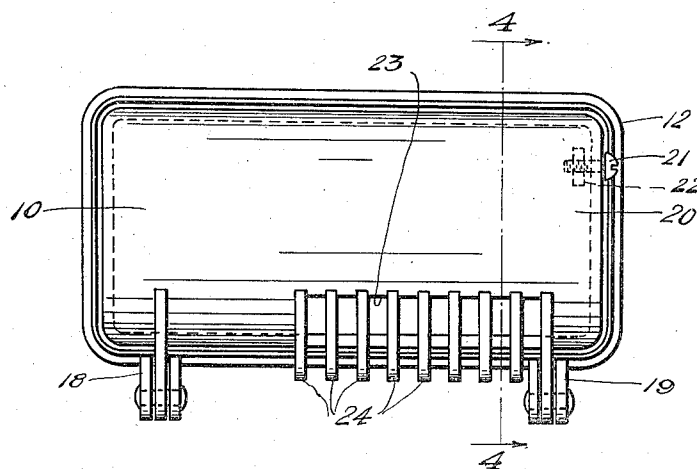
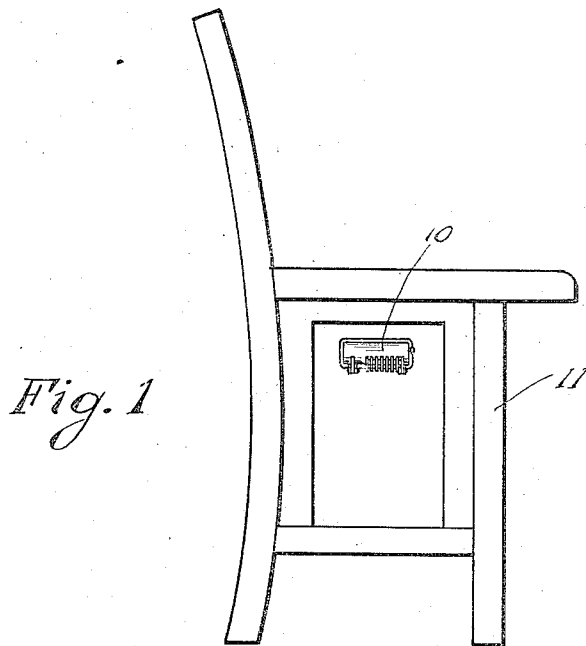


Fig. 2

Witnesses:

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His Attorney

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J. B. KAUSAL

ELECTRIC LAMP

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2 Sheets-Sheet 2

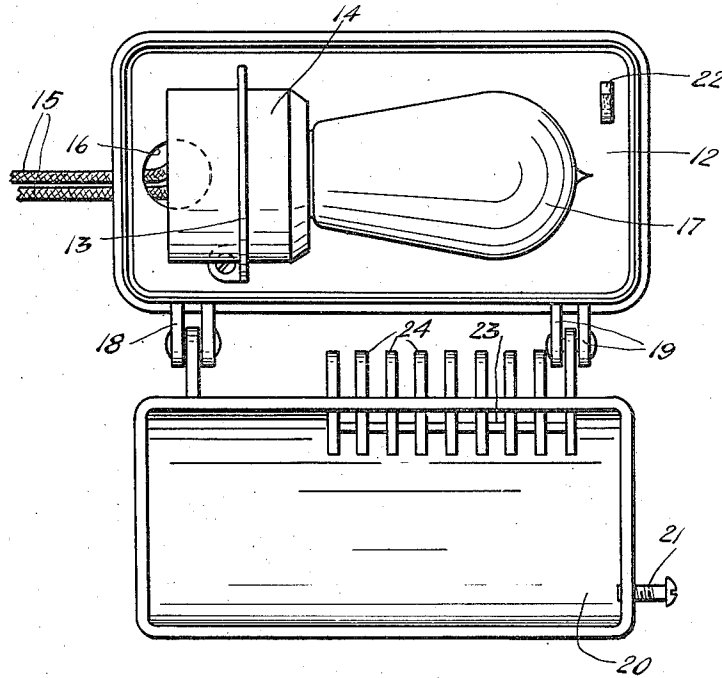


Fig. 3

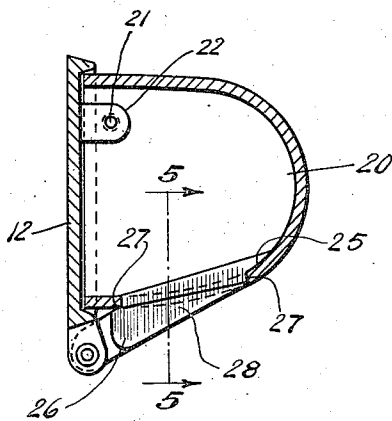


Fig. 4

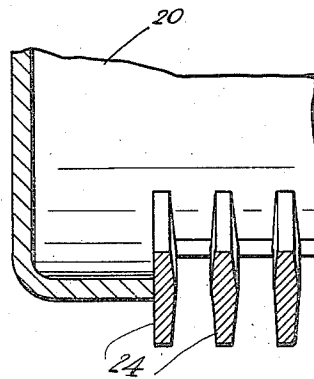


Fig. 5

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UNITED STATES PATENT OFFICE.

JOSEPH B. KAUSAL, OF CHICAGO, ILLINOIS.

ELECTRIC LAMP.

Application filed June 28, 1922. Serial No. 571,459.

To all whom it may concern:

Be it known that I, JOSEPH B. KAUSAL, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Electric Lamps, of which the following is a specification.

This invention relates to electric lamps, and more particularly to lamps of the type employed to illuminate the aisles of theatres, particularly the so-called motion picture theatres, and has for its object the provision of a lamp of this character adapted to produce a soft diffusion of light, the source of light being invisible or concealed when viewed at any angle except directly.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Fig. 1, is a side elevation of a chair showing the invention in operative position thereon,

Fig. 2, is a front elevation of the invention,

Fig. 3, is a plan view of the invention, showing same in open position to expose the interior construction thereof,

Fig. 4, is a sectional view on the line 4—4 of Fig. 2, and

Fig. 5, is an enlarged sectional detail view on line 5—5, Fig. 4,

The invention is particularly designed for use in the so-called motion picture theatres to illuminate the aisles thereof, and is intended to be secured to a theatre chair adjacent the aisle in such manner that same is situated upon, or below the normal line of vision of persons in the audience. The lamp in such position produces a soft glow sufficient for illuminating the aisles, while at the same time the source of light is concealed except when viewed from a point directly beneath same. The lamp, of course, may be used in any other desirable situation, wherein a device of this nature may prove useful.

As illustrated in the drawings, the invention comprises a lamp 10, which may be secured to a theatre chair 11, in such man-

ner that same is not above the normal line of vision of a person viewing same. The lamp per se comprises a casing which may be made up of any suitable material, preferably aluminum or white metal, and, as shown, consists of a base 12, adapted to be secured in the desired position by any suitable means. The base 12 is provided with a suitable bracket 13, which may support an ordinary electric socket 14, connected to a source of current (not shown) by wires 15 extending through an opening 16 in the base 12. The socket 14 is adapted to accommodate a suitable electric bulb 17 in the ordinary manner.

Mounted upon the base 12 by means of suitable hinges 18 and 19 is a cover 20. The cover 20 is adapted to fit upon the base 12, as shown, and may be removably held in position thereon by means of a screw 21 engaging a threaded socket in a stud 22 mounted in the base member 12, or by any other suitable fastening means.

The cover 20 is provided with an opening 23 on its under side, which opening may be of any suitable shape, but, in the present instance, is shown as rectangular. Preferably disposed edgewise and parallel with each other across the opening 23 is a plurality of bars or slats 24. The slats 24 preferably have their ends adjacent the outer side of the opening 23 disposed within the cover 20, as shown at 25, and extend obliquely across said opening so that the opposite ends of the slats adjacent the inner side of the opening 23 are disposed without the cover, as shown at 26, Fig. 4, the slats being notched as shown at 27 so as to rest upon the edges of the opening and being secured in position by any suitable means. As shown in Fig. 4, the ends 26 of the slats 24 are broader than the ends 25, and, consequently, project outwardly from the opening a greater distance than the ends 25 project inwardly from the opening. The slats 24 in cross section preferably taper in opposite directions, as shown in Fig. 5, preferably from a line drawn from a point adjacent the end 25 to a point midway of the breadth of the outer ends 26 of the slats. The adjacent broad sides of the slats are preferably blackened, as shown at 28 in Fig. 4, by the application of any suitable substance. It will be noticed that the hinge 19 may be formed by extending one of the slats

24 between the ears provided on the base member 12.

The advantages of the described construction are such that light rays freely issue between the slats 24, the cross sectional taper of such slats overcoming the tendency thereof to cast shadows, and the inclination of disposition of the slats in the opening being such as to conceal the source of light when viewed in all directions except from a point directly beneath the same, thereby producing a soft, unbroken diffusion of light in the desired location.

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

1. A lamp comprising a casing containing a source of light and having an opening therein; and a plurality of members arranged across said opening, said members projecting beyond said opening at one side thereof and gradually tapering inwardly to the opposite side of said opening, said members in cross section being bevelled in opposite directions.

2. A lamp comprising a casing containing a source of light and having an opening therein; and a plurality of members arranged edgewise in said opening and extending from the inner side through said opening and beyond the same, said members

having their side faces bevelled toward the ends outward of said opening.

3. A lamp comprising a casing containing a source of light and having an opening therein; a plurality of members arranged across said opening, said members at one side of the opening being disposed within the casing and extending outside of said casing to the opposite side of said opening, permitting the issuance of light therebetween but concealing the source of light when viewed from all angles except directly, said members in cross section being outwardly beveled.

4. A lamp comprising a casing consisting of a base member and a cover member hingedly connected together, said casing being adapted to be disposed beneath the level of the line of vision; a source of light in said casing; an opening in said cover; and slats with outwardly beveled side faces disposed across said opening permitting the passage of light therethrough but concealing the source of light when viewed from all angles except directly.

5. A lamp comprising a casing having a base member and a cover hingedly connected together; a socket mounted in said base member adapted to accommodate an electric bulb; an opening in said cover; and a plurality of members arranged edgewise in said opening and extending from the inner side of said opening to the outside thereof, said members in cross section being oppositely bevelled.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSEPH B. KAUSAL.

Witnesses:

JOSHUA R. H. POTTS,
MARGARET AUER.