

June 19, 1923.

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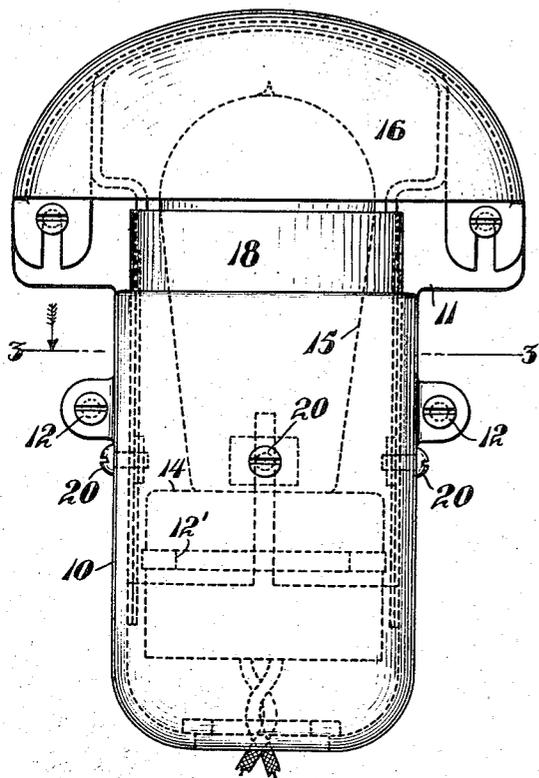
C. F. BUTTE

AISLE LIGHT

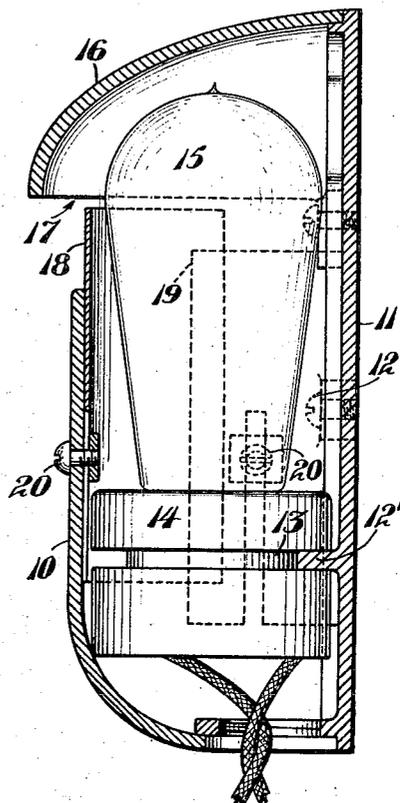
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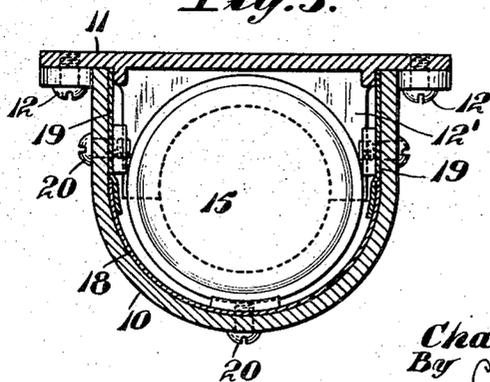
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



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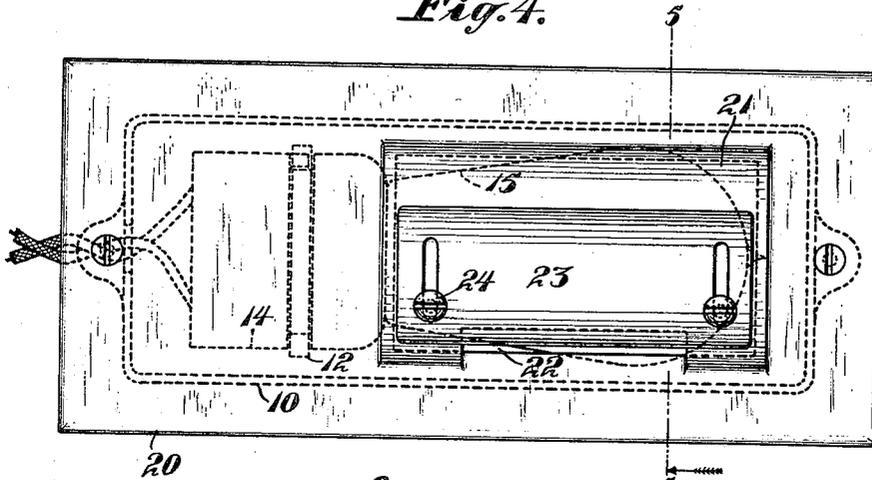
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AISLE LIGHT

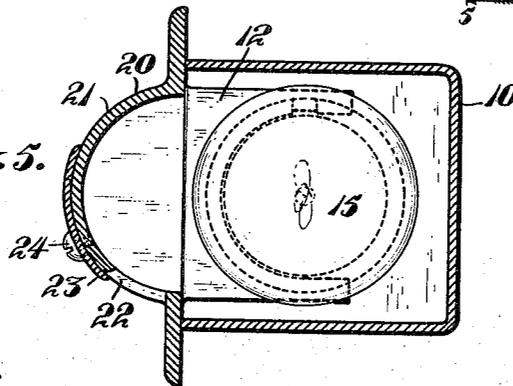
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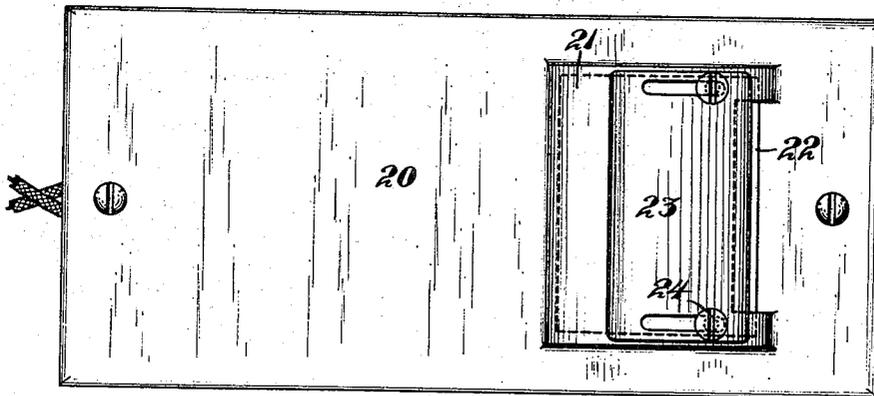
*Fig. 4.*



*Fig. 5.*



*Fig. 6.*



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# UNITED STATES PATENT OFFICE.

CHARLES FELIX BUTTE, OF SAN FRANCISCO, CALIFORNIA.

## AISLE LIGHT.

Application filed November 2, 1921. Serial No. 512,258.

*To all whom it may concern:*

Be it known that I, CHARLES F. BUTTE, a citizen of the United States, residing in the city and county of San Francisco and State of California, have invented new and useful Improvements in Aisle Lights, of which the following is a specification.

This invention relates to a lamp, and particularly pertains to an aisle light.

It is the principal object of the present invention to provide a light structure adapted to be placed in the aisles of theaters and the like, said structure being fitted with means whereby the size of the light beam may be regulated and its direction of travel controlled, all of which is accomplished by a simple and inexpensive structure.

The present invention contemplates the use of a lamp house enclosing the electric light bulb, said house being fitted with an adjustable shutter for regulating the light beam emanating therefrom. The invention is illustrated by way of example in the accompanying drawing in which:

Figure 1 is a view in front elevation showing the preferred form of my invention.

Fig. 2 is a view in central vertical section through the device disclosed in Fig. 1.

Fig. 3 is a view in transverse section as seen on the line 3—3 of Fig. 1.

Referring more particularly to Figures 1 to 3 of the drawings, 10 indicates a lamp housing formed in the shape of a shell having three sides and a lower end. This shell is adapted to be secured to a flat back plate 11 by means of screws 12 which pass through lugs on the shell.

Extending forwardly from the back plate is a fork 12' adapted to project into a groove 13 of a lamp socket 14. This socket is thus held to support a lamp globe 15 in a vertical position. The socket is disposed in the bottom of the shell while the lamp globe extends upwardly from the upper open end of the shell. The back plate 11 is of greater length than the length of the shell and thereby provides a support for a semicircular canopy 16 which partially shrouds the upper end of the lamp globe. A considerable space occurs between the lower edge of the canopy and the upper edge of the shell. This space provides a light opening 17 from which the rays of light from the lamp may emanate. Due to the formation of the canopy there will be a tendency to direct these rays outwardly and downwardly at the same time prevent-

ing them from passing outwardly and upwardly.

This type of aisle light is intended to be secured by its back plate 11 against a vertical support and thus to illuminate the aisle along the floor.

The size of beam which may be projected from the structure is regulated by adjustable shutters 18 and 19 which shutters are secured within the shell 11 and may be adjustably set in a desired vertical position by bolts 20.

Reference being had to Fig. 3 of the drawing it will be seen that the shell is substantially semicircular in cross sections and that the shutter 18 conforms to the semicircular portion of the shell while shutters 19 are substantially straight and have edges overlapping the vertical edges of the shutter 18. By separately adjusting the various shutters it is possible to cause the light to emanate from the canopy in a fan formation.

In the operation of the present invention the device is assembled as shown and after being properly mounted its shutter may be regulated to project a beam of a desired size and onto a certain floor area. Either form of the invention may be used as convenience dictates.

It will thus be seen that by the simple structure here disclosed aisle lights may be provided which will permit their light beams to be regulated as to direction and area, or intensity.

While I have shown the preferred form of my invention, it is understood that various changes may be made by those skilled in the art without departing from the spirit of the invention.

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

1. An aisle light comprising a housing including means for supporting a light globe therein, the upper end of said housing being open, a canopy supported by the upper end of said housing and vertically adjustable in relation thereto and adapted to project the rays of said light outwardly and downwardly from the housing, and vertically adjustable means co-operating with the canopy for regulating the width of said light ray.

2. A device of the character described, comprising a back plate adapted to support an incandescent globe, a shell having an open upper end adapted to be secured to

said back plate to partially enclose said globe, a canopy carried by the upper end of the back plate a spaced distance from the shell forming a light opening therebetween from which light rays from the globe may emanate, and vertically adjustable shutters carried by the shell which may be adjusted to regulate the width of the light opening.

3. A device of the character described, comprising a back plate adapted to support a lamp globe, a shell having an open upper end adapted to be secured to said back plate, a canopy carried by the upper end of said back plate projecting out over the shell at a spaced distance therefrom forming a light opening therebetween from which the light rays from said globe may emanate, said rays being downwardly and outwardly reflected by said canopy, a plurality of vertically adjustable shutters carried by said shell to regulate the width of said light opening, said shutters being independently adjustable.

4. An aisle lighting device comprising a back plate adapted to be supported in a vertical position, means on the back plate for supporting a socket carrying a lamp globe, a shell semi-circular in cross section adapted to be secured to said back plate and partially enclose said globe, the upper end of said shell being open, a canopy supported at the upper end of said back plate and extending over said shell at a spaced distance

therefrom forming a light opening therebetween, said canopy adapted to direct the rays of said globe outwardly and downwardly through said opening, and a plurality of vertically and independently adjustable shutters carried by the shell whereby the width of said light opening may be regulated.

5. An aisle light comprising a back plate adapted to be supported in a vertical position, a lamp globe socket having an annular groove, a horizontally extending fork carried by said back plate for engaging the groove in said socket for supporting the socket and a lamp globe carried thereby, a shell member formed semi-circular in cross section and adapted to be secured to said back plate to partially enclose the lamp globe, said shell having a closed lower end and an open upper end, a canopy carried by the upper end of the back plate and adjustable in relation thereto, said canopy extending outwardly over the shell at a spaced distance therefrom so as to form a light opening therebetween, said canopy adapted to direct the rays of the lamp outwardly and downwardly, a plurality of co-operating independently adjustable shutters mounted within the shell for vertical adjustment, said shutters adapted to be adjusted to regulate the width and form of the light opening.

CHARLES FELIX BUTTE.