June 26, 1951 S. L. KRUG 2,558,259

TELEPHONE LIGHTING FIXTURE

Filed June 28, 1948

FIG. 1

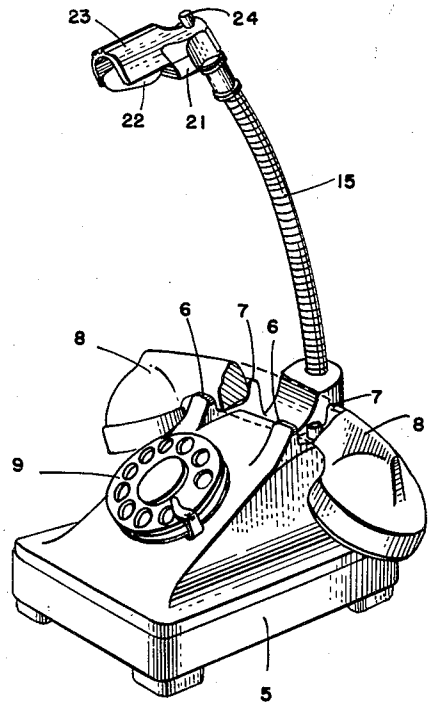


FIG. 2

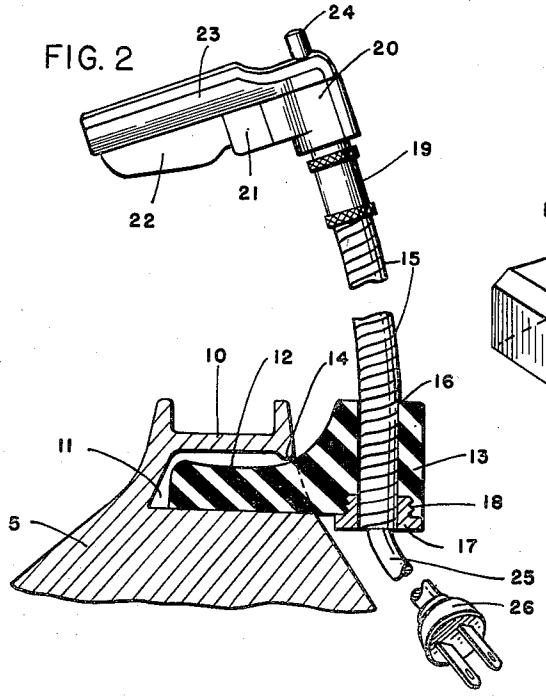
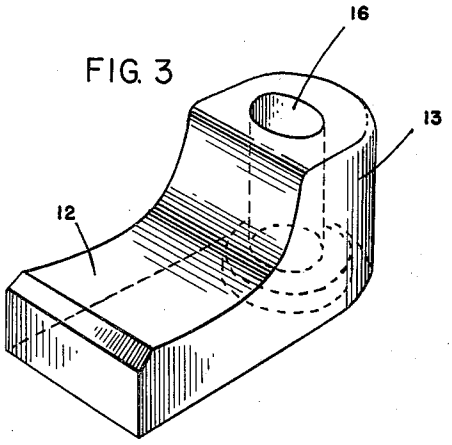


FIG. 3



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TELEPHONE LIGHTING FIXTURE

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3 Claims. (Cl. 240—2.17)

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This invention relates in general to an electric lighting fixture and is more particularly described as a fixture used in connection with the current cradle type telephone instrument, although it may have a more general use wherever applicable.

In the telephone instrument now in common use, there is an open cradle at the top with a carrying slot opening at the back and rotatable dial at the front of the instrument. Very often these instruments are located in an unlighted booth, in a dark hallway or at a distance from the ordinary lighting means so that it is difficult for a user to see the letters and numerals of the dial. The present invention provides a portable and removable electric lighting fixture which may be quickly and easily applied to any instrument of this type and having a flexible support for a lamp so that it may be inclined closely over the dial without interfering in any way with the movement of the combined transmitter and receiver from the cradle and not requiring any change in the instrument base or any special fastening means or tools to install or attach the fixture.

An important object of the invention is to provide an electric lighting fixture in combination with a telephone instrument which may be removably attached to the current cradle type dial telephone and movable with the instrument or separately therefrom.

A further object of the invention is to provide a telephone fixture of the class described in which the lighting fixture is attachable at the rear of the telephone and the lamp may be extended over the front illuminating the dial without obstructing the movement of the receiver and transmitter.

A further object of the invention is to provide a lighting fixture applicable to a telephone base without requiring tools or fastening attachment to secure it in place, but having a flexible cord for connecting it to a source of supply and a switch in connection with the fixture for turning the light off or on as desired.

Still a further object of the invention is to provide an electric lighting fixture having a support for a lamp and a switch at one end of a flexible conduit and a resilient foot at the other end through which the flexible conduit extends with a flexible conductor cord extending from the end of the conduit for connecting the lamp to a suitable source of supply.

Other objects of the invention will appear in the specification and will be apparent from the accompanying drawings in which,

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Fig. 1 is a perspective view of a cradle type telephone with a rotatable dial to which a lighting fixture in accordance with the present invention is applied;

Fig. 2 is a side elevation of the lighting fixture of Fig. 1 with a sectional view showing the attachment of the supporting foot to the carrying slot of the supporting base; and

Fig. 3 is a perspective view of the supporting base.

Referring now more particularly to the drawings, a telephone instrument of the current type has a supporting base 5 with open projections 6 and 7 at the top to form a cradle for holding a combined receiver and transmitter 8 which is usually seated loosely in the cradle when not in use. At the front of the base is a rotatable dial 9 by means of which any particular exchange and the desired number is dialed.

Between the projections 6 and 7 at opposite sides which form the holder is a flat bridge 10, and below this bridge is a recess 11 opening from the back of the base and providing convenient means for inserting the fingers of the hand for carrying or moving the instrument from place to place.

Into the recess 11 is inserted a projecting foot 12 of a block 13 which may be composed of wood, plastic and other material, but preferably it is made of a somewhat resilient and flexible material like solid rubber, or a rubber-like composition, but preferably not hard rubber, like the material of which the base 5 is made. The foot 12 is rounded upwardly so that it may be pressed inwardly, resiliently engaging a beaded edge 14 at the upper side of the recess, thereby holding the block tightly in place for supporting the fixture.

The fixture comprising a flexible conduit 15 preferably of the spiral type which extends closely through a bore 16 in the block 13 to which it is secured at the under side by a fitting 17 which may be cast in the block or inserted at the bottom of the block by threading it into a corresponding opening 18. At the upper end of the conduit is a connector 19 for attaching the conduit to a lamp fitting 20 which carries a socket 21 for a lamp 22 and a reflector 23 extending to the end of the lamp 22 with an internal switch having a push button 24 projecting in a convenient location from the end of the fitting.

Projecting from the lower end of a conduit is a flexible conductor cord of any suitable construction having a pronged plug connector 26 at the end thereof.

With this construction, this lighting fixture may be readily and quickly applied to and removed from any telephone instrument to which it is applicable or to any similar recess in which the supporting foot 12 may be applied. The conduit may be inclined or bent forwardly and downwardly to extend over the front of the instrument and particularly to illuminate the dial 9, the reflector confining the light from the lamp to the instrument and being sufficiently close to the instrument to keep the light out of the eyes of the user.

While a preferred construction of the invention has been described in some detail, it should be regarded by way of illustration and example rather than a limitation or restriction of the invention as various changes in the construction, combination, and arrangement of the parts may be made without departing from the spirit and scope of the invention.

I claim:

1. An electric lighting fixture for a cradle type dial telephone instrument which has a lifting recess opening from the back of the instrument below the cradles, the fixture comprising a flexible resilient block substantially fitting the contour of the recess and engageable therein for supporting the fixture, a flexible conduit extending through the foot and upwardly therefrom, an electric lamp and a reflector therefor supported at the upper end of the conduit and movable when the conduit is bent to extend closely over the telephone dial without obstructing the cradle thereof.

2. The combination with a telephone base having a carrying recess at the rear side thereof and a dial at the front of the base, of a yieldable resilient block substantially fitting the contour of the recess and engageable to hold it in the carrying recess, a flexible conduit extending through and upwardly from the foot, a lamp and a reflector therefor carried at the upper end of the conduit, flexible conductors extending from the lamp through the conduit and outwardly from the foot, and an attachment plug therefor, and a switch in connection with the lamp and said conductors for turning the lamp off and on.

3. The combination with a telephone instrument having a base with a carrying recess opening at the rear thereof and a dial at the front of the base, the recess having a beaded downwardly projecting upper edge, of a block of flexible resilient material having an upwardly rounded portion and of a size to substantially fill and to be inserted closely in the recess for holding it in place and the rounded portion engaging the beaded edge to hold the block in upright position, the foot having an outwardly projecting portion at the rear of the base, a flexible conduit extending upwardly through the outwardly projecting portion of the foot, means at the bottom of the conduit for retaining it in the projecting portions of the foot, an electric lamp at the top of the conduit, a reflector extending lengthwise over the outer and upper side of the lamp, an electric switch having an engageable button projecting through the reflector, and flexible conductors connected to the lamp and the switch extending through the conduit and from the bottom of the projecting portion of the foot and having a plug connector at the outer ends of the conductors.

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REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
1,651,307	Wilkinson	Nov. 29, 1927
1,828,543	Phillips	Oct. 20, 1931
2,247,591	Sundee	July 1, 1941
2,442,988	Satz	June 8, 1948

FOREIGN PATENTS

Number	Country	Date
271,148	Great Britain	May 17, 1927