J. F. KING.

HOLDER FOR ELECTRIC LAMPS AND THE LIKE.

APPLICATION FILED SEPT. 9, 1921.

1,423,119. Patented July 18, 1922.

Fig. 1.

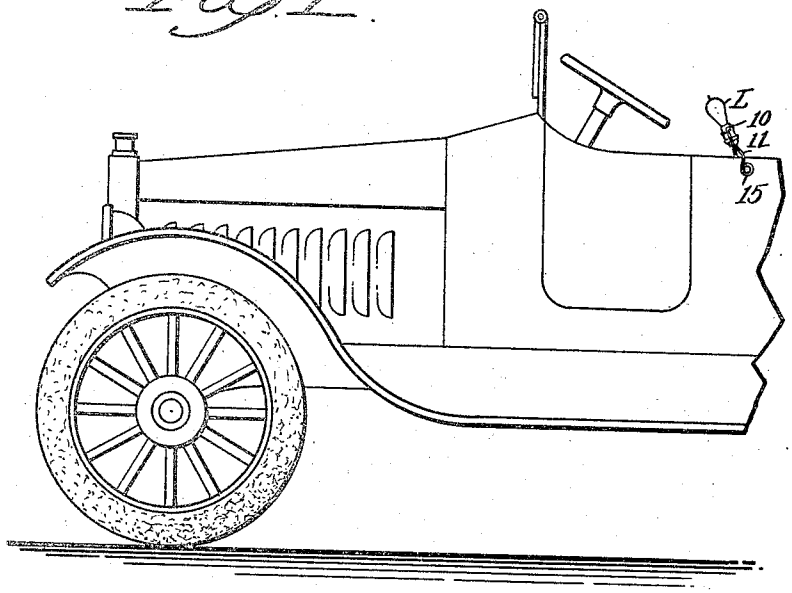
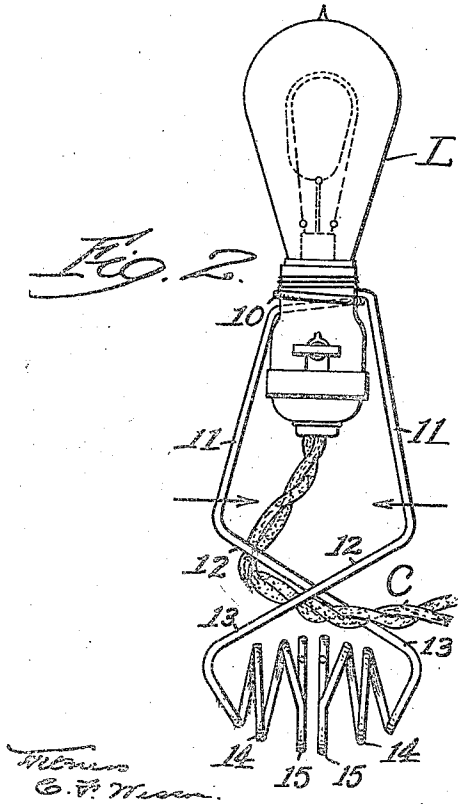
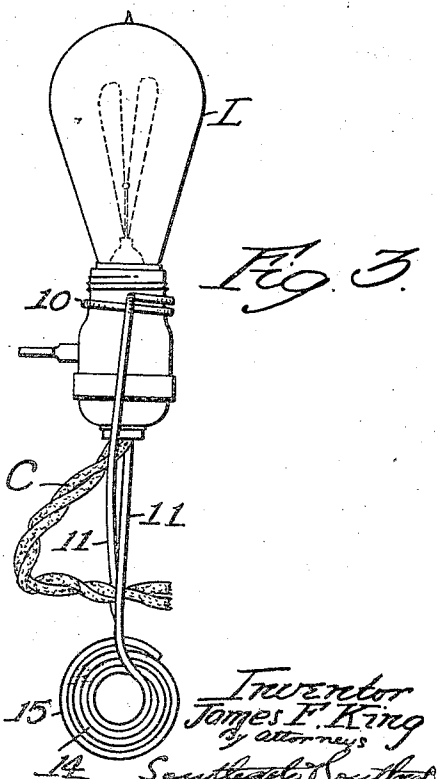


Fig. 2.



Witness
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Fig. 3.



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UNITED STATES PATENT OFFICE.

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HOLDER FOR ELECTRIC LAMPS AND THE LIKE.

1,423,119. Specification of Letters Patent. Patented July 18, 1922.

Application filed September 9, 1921. Serial No. 499,437.

To all whom it may concern:

Be it known that I, JAMES F. KING, a citizen of the United States, residing at Worcester in the county of Worcester and State of Massachusetts, have invented a new and useful Holder for Electric Lamps and the like, of which the following is a specification.

This invention relates to a holding device capable of general use, but especially adapted for incandescent electric lamps. It is particularly adapted for use on automobiles and in shops and garages.

The principal objects of the invention are to provide a holder of the above specified character consisting of a single piece of wire coiled in such a form as to provide a socket for holding the lamp and having projecting therefrom arms provided with surfaces at their ends for engaging the opposite sides of a wall, windshields, or the like to hold the device in position. Also to provide these arms in such form that when pressed together in a most convenient way, they will cause the gripping surfaces to be released and to provide means for holding the flexible conducting cord which is attached to the lamp.

Further objects and advantages of the invention will appear hereinafter.

Reference is to be had to the accompanying drawings, in which

Fig. 1 is a side view of a car showing how the device can be applied thereto.

Fig. 2 is a side view of the device on enlarged scale and

Fig. 3 is an edge view.

The holder is shown in a form comprising a single piece of wire which is coiled at the center to provide a coil 10. This coil is adapted to surround and hold an incandescent lamp socket or any other article or similar shape. The opposite ends of this coil of wire extend out to form two arms 11. These are bent in a plane so that they normally diverge from each other. Then they are bent inwardly to form arms 12 which cross each other, and extend beyond the crossing point to form straight continuations. These are then bent in a longitudinal direction to provide clamping arms 13 spaced from each other. These arms also diverge and terminate in a pair of spring coils 14 located in axial alignment with their axes transverse to the length of the holder. The adjacent ends of these coils are closed by two circles 15 in parallel planes spaced from each other. These two circles constitute the gripping surfaces by which the device can be held in a fixed position. The whole structure can be made, as shown, of a single length of wire.

In the use of the device, the lamp L is applied to the coil 10 in an obvious manner. The flexible conducting cord C with which the lamp is provided is passed through the space between the two arms 13, preferably, so as to prevent its getting in the way. The operator then presses with his hand and finger on the two arms 11 to press them toward each other in the direction of the two arrows in Fig. 2. The results in forcing the two gripping surfaces 15 apart. Now the operator can place these two holding surfaces on opposite sides of a wall, windshield, or board and allow them to spring together by the natural resiliency which tends to hold them in contact. The result of this is that they are forced against the opposite sides of the body to which the holder is applied, and grip it with whatever force is supplied by the spring arms 11. The springs 14 serve to cushion this action.

It will be seen that this constitutes a very simple device for the purposes intended, and that it can be made very cheaply of a single piece of wire.

Although I have illustrated and described only a single form of the invention, I am aware of the fact that modification can be made therein by any person skilled in the art without departing from the scope of the invention as expressed in the claims. Therefore, I do not wish to be limited to all the details of construction herein shown and described, but what I do claim is:

1. As an article of manufacture, a holder for electric lamps and the like comprising a coil the ends of which extend therefrom in a plane transverse to the plane of the coil, said arms extending inwardly from their extremities and crossing each other, and having a pair of flexible parallel surfaces on their extreme ends for engaging on opposite sides of a flat article, the coil, arms and parallel surfaces being located in three planes each transverse to the other two.

2. As an article of manufacture, a holder for electric lamps and the like comprising a wire coil the ends of which extend therefrom in a plane transverse to the plane of

the coil, and diverge from each other, said arms extending inwardly from their extremities and crossing each other, and having a pair of flexible parallel surfaces on their extreme ends for engaging on opposite sides to a flat article, whereby the natural resiliency of the wire will hold said surfaces together and apply pressure to the opposite sides of an article to which they are applied and whereby pressure applied inwardly to said arms will release the grip.

In testimony whereof I have hereunto affixed my signature.

JAMES F. KING.