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ELECTRIC LIGHT SUPPORT.
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Fig. 6.

Fig. 7.

Witnesses:

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ELECTRIC-LIGHT SUPPORT.

1,105,083.


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To all whom it may concern:

Be it known that I, DAVID C. LAMB, a citizen of the United States, and a resident of Nappanee, in the State of Indiana, have invented a new and useful Improvement in Electric-Light Supports, of which the following is a specification.

This invention relates to portable holders or supports for those incandescent electric lights which consist of sockets and lamps or bulbs at the free ends of long flexible conductors or "cords." The present invention consists in an improved "light support" of that type, and in certain novel features thereof, hereinafter particularly described and claimed.

The leading objects of this invention are to adapt the improved light support to attach to itself the ordinary socket of such a light; and to temporarily but securely attach the same to anything, round, square or of other shapes in cross section, in vertical horizontal or other positions, and of a sufficient range of sizes—say from one-quarter of an inch to an inch and a quarter in diameter, so as to support the light in effective position on a bed-post or the like, or within an automobile, motor-truck, or the like, supplied with such lights.

Another object of the invention is to adapt the improved "light-support" to form or to be combined with a stand, so as to convert such a light into a "portable" adapted for use on a table or the like.

Other objects will be set forth in the general description which follows:

Two sheets of drawings accompany this specification as part thereof.

Figures 1 and 2 are, respectively, edge and side views of a first species of the improved light support; Fig. 3 is a perspective view of the same self-attached to a bed post, showing the cord, socket and bulb of a supported electric light in broken lines; Figs. 4 and 5 are perspective views showing the same support in use on a horizontal bar square in cross-section and on a flat vertical bar. Figs. 6 and 7 are perspective views of additional species of the improved light support, forming or combined with stands for converting such lights into portables as aforesaid; the cords, sockets and bulbs being shown in broken lines.

Like reference characters refer to like parts in all the figures.

The improved light support, in each of the species, comprises a pair of rigid arms, a, parallel with each other; a resilient member in the form of a normally straight flat bar, b, from one edge of which said arms rigidly project at its extremities; a socket attaching clamp, c, and a member, d, adapted to form a middle contact (mechanical) with the post or the like to which the support is attachable in the manner illustrated by Figs. 3, 4 and 5, where a vertical post and two forms of such bars are shown at 1, 2 and 3, respectively.

In all three species, the improved light support is provided with means for preventing damage to the finish of the post or bar to which it is attached, including in each species cushioning sleeves, e' on said arms a; said arms in common with said resilient member b being preferably metallic. Said sleeves may conveniently be short sections of rubber tubing.

In attaching either form of the improved light support to a post or bar 1, 2 or 3, as above, the resilient member b is flexed until the arms a or their sleeves e' and the member d will contact mechanically with the opposite sides of the post or bar, and the support is then applied to the post or bar, and clamps the same in a secure manner as illustrated by Figs. 3-5, so as to become self-attached. Before or after so attaching the support to the post or bar, the ordinary socket member 1' of the electric light is secured in the clamp e of the support; the respective ends of the socket, with the attached cord 2' and bulb 3', protruding free from contact or interference as shown in said Figs. 3-5 and also in Figs. 6 and 7.

In all the species, as shown in the drawings, the clamp e is of a well known resilient form in one piece of suitable metal. Other known or improved forms of clamp may obviously be substituted if preferred, and other like modifications will suggest themselves to those skilled in the art.

In the first species, as shown in Figs. 1-5, the axis of the clamp e and consequently that of the attached socket and bulb, is parallel with the arms a, and the clamp is rigidly attached to the back of the member d by a rebent narrow portion, e", of the latter, embracing the resilient member b and also a back portion of the clamp e, and made fast by solder or brazing so as to rigidly unite...

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the three parts, with said member $d$ located at the same edge of the bar $b$ as said arms $a$. In this species, said bar $b$ is also further provided with cushions, $b'$, covering those edge portions which would otherwise come into metallic contact with the post or bar 1, 2 or 3. These cushions may be of flat rubber folded around the edge of the bar $b$ and cemented to its sides.

10 The second species, illustrated by Fig. 6, (hereinafter specifically claimed) in addition to the generic features first above described, includes said bar cushion $b'$ of said first species. It differs from the latter in that said member $d$, the shape of which is immaterial, is also provided with a cushion, $c'$, preferably of felt, to contact (mechanically) with the post or bar, 1, 2 or 3, to which the support is attachable, or with the top of a table or the like upon which this species of the improved light support is adapted to stand; the axis of the clamp $c$ and socket $1'$ and bulb $3'$ being perpendicular to the face of the member $d$. Instead of said narrow portion $d'$ of said member $d$ embracing the bar $b$ and clamp $c$ in common, said member $d$ in this second species is separately so attached to the bar $b$ by a shorter narrow portion, $e'$, Fig. 6; and a normally upright member, $f$, Fig. 6, conveniently integral with said member $d$, is rigidly attached to the back of the clamp $c$ at the extremity of said member $f$, and supports the clamp at a sufficient distance from said member $d$ to accommodate the cord end of the socket $1'$ and a bend of the cord $2'$ between the clamp $c$ and said member $d$ as shown in the figure.

15 The third species, Fig. 7, is a modification of said second species, Fig. 6, and is distinguished therefrom by a larger middle member $d$ having a wooden major portion which is provided with a transverse groove, $g$, in its face within which the bar $b$ is fastened at midlength by a wood-screw, $h$; and by an upright forming member, $f'$; provided with a foot, $i$, through which a wood screw, $j$, extends into said wooden portion of the member $d$. A felt cushion $c$ is attached to the face of said wooden portion of the member $d$.

It will be understood that the cushioned face of the member $d$ in Figs. 6 and 7 is the bottom of said member $d$ when the support stands on a table or the like as represented in these figures, and contacts (mechanically) with the post or the like when the support is used in the manner illustrated by said Figs. 3, 4 and 5. Also that the sockets $1'$, cords $2'$ and bulbs $3'$ represented in Figs. 3-7 may be of any known or improved make; and the sockets may or may not be provided with the key switches indicated at 4 in Figs. 6 and 7.

Having thus described said improvement, I claim as my invention, and desire to patent under this specification:

1. A portable electric light support having a pair of arms parallel with each other, a normally straight bar-shaped resilient member from the extremities of which said arms rigidly project at one edge, a middle member attached to said bar, and a socket attaching clamp connected with said middle member; said resilient member being adapted to be flexed, and to press said arms and said middle member against opposite sides of a post or bar so as to render the light support self-attached.

2. A portable electric light support having a pair of arms parallel with each other, a normally straight bar-shaped resilient member from the extremities of which said arms rigidly project at one edge, a middle member attached to said bar, and a socket attaching clamp connected with said middle member; said arms and resilient member being provided with cushioning means to contact mechanically with the surface of a post or bar.

3. A portable electric light support having a pair of arms parallel with each other, a normally straight bar-shaped resilient member from the extremities of which said arms rigidly project at one edge, a normally upright member supported by said middle member, and a socket clamp attached to said normally upright member.

4. A portable self-attaching electric light support having a pair of arms parallel with each other, a normally straight bar-shaped resilient member from the extremities of which said arms rigidly project at one edge, a middle member attached to said bar and adapted to rest on a table or the like or to be held against a post or the like, a normally upright member integral with said middle member, and a resilient socket clamp rigidly attached at its back to said normally upright member at the extremity of the latter, substantially as hereinafter specified.

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