No. 778,274. PATENTED DEC. 27, 1904.

A. C. S. RUE.

LAMP HOLDER.

APPLICATION FILED APR. 4, 1904.

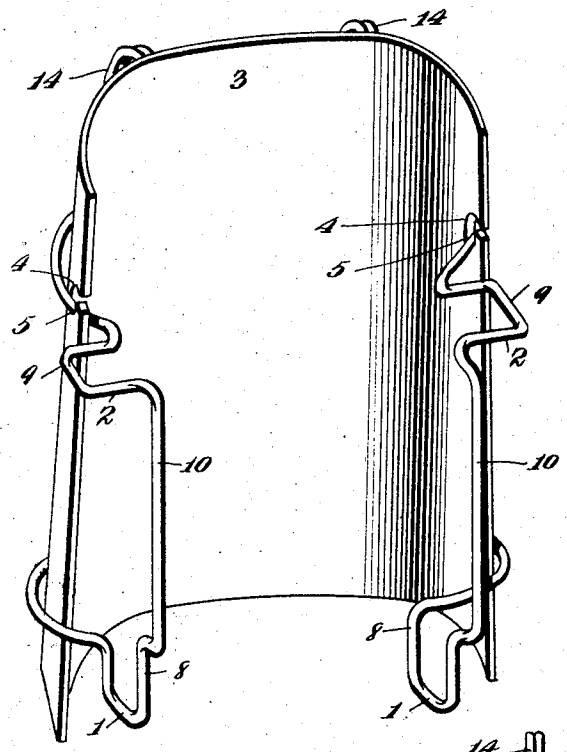


Fig. 1.

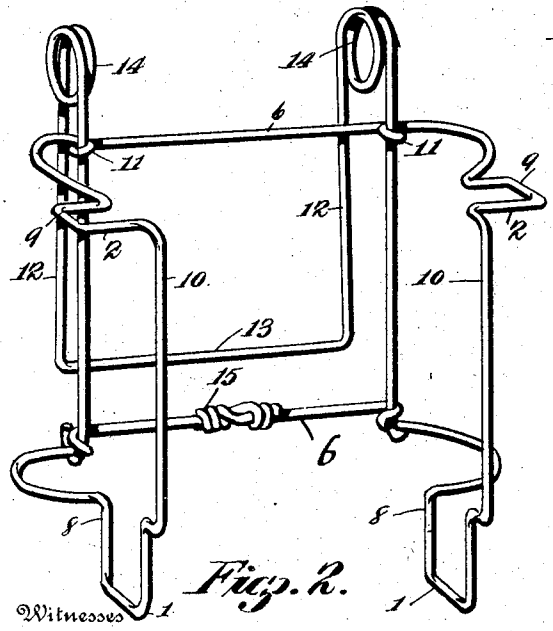


Fig. 2.

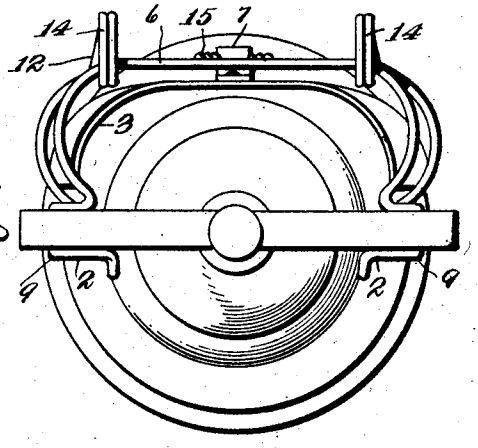


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

ALBERT C. S. RUE, OF NORTHWOOD, IOWA.

LAMP-HOLDER.

SPECIFICATION forming part of Letters Patent No. 778,274, dated December 27, 1904.

Application filed April 4, 1904. Serial No. 201,546.

To all whom it may concern:

Be it known that I, ALBERT C. S. RUE, a citizen of the United States, residing at Northwood, in the county of Worth and State of Iowa, have invented certain new and useful Improvements in Lamp-Holders, of which the following is a specification.

This invention relates to an improved form of holder device adapted in its preferred use to be secured to vehicles or the like for supporting lamps.

The holder comprises a peculiar construction of frame which is extremely simple relative to the parts thereof and which is provided with means for attaching the same to the vehicle. The frame in not only designed as the primary lamp-support, but the structure thereof readily admits of adjustment of an adjacent shade or reflector for use in connection with the lamp.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing the embodiment of my invention in practical use. Fig. 2 is a perspective view of the frame alone, bringing out more clearly the construction of the various members thereof. Fig. 3 is a top plan view.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In order that the holder may be made at a minimum cost, the same is preferably constructed of stout wire of suitable gage necessary for strength and rigidity of the parts.

The holder consists, essentially, of the lower supporting-arms 1, which constitute the members which directly carry the lamp. Uppermost shade-supporting arms 2 are also provided, and these arms are so formed as to embrace the shade 3, upon opposite sides thereof, the latter being provided with engaging means for coöperation with the said arms. The shade 3 is of curved form, so as to afford greater reflecting qualities, and the arms 1 and 2, which in the use of the holder embrace the shade upon opposite sides, are curved in their length, so as to accord somewhat with the general contour of the said shade. The shade 3 is provided in the side edges thereof and adjacent the upper portion of the body of the same with inwardly-extending slots 4, provided at their inner ends with seats 5, and these slotted portions 4 receive the arms 2, and after the said arms have been forced into the seats 5 a firm interlocking connection between the shade and holder is established. The upper arms 2 and the lower arms 1 are formed integrally with rear connecting-bars 6, and the shade 3 is provided upon its rear side with a keeper or clip 7, adapted to engage over the uppermost of the rear bars 6, so as to coöperate therewith to support the said shade in position upon the holder. A second function of the keeper or clip 7 is to prevent downward movement of the shade, whereby likelihood of displacement of the upper shade-supporting arms 2 from the seats 5 of the shade might be incurred. The lower supporting-arms 1 are bent downwardly and forwardly at their front end portions, as shown at 8, to form supporting members which receive the lower ends of the side bars of the lantern, the latter being of a form which is now in common use. The upper supporting-arms 2 are bent laterally at their forward ends to form guide members 9, which latter receive the aforementioned side bars of the lantern, as shown most clearly in Fig. 3 in dotted lines, and effectually prevent displacement of the lantern from the supporting members 8 of the supporting-arms 1. Vertical connecting-bars 10 are used to connect corresponding parts of the upper and lower supporting-arms 2 and 1, respectively. The rear connecting-bars 6, which are integrally formed with the supporting-arms 1 and 2, are provided with loops or eyes 11, and these loops receive spaced arms 12 of the clamp member 13. The spaced arms 12 are vertically disposed and are bent at their upper

ends to form springs 14, from which the clamp member 13 extends. The lower ends of the spaced members 12 are bent about the lower rear connecting-bar 6, so as to firmly position the clamp member relative to the holder. The spaced arms 12 constitute rigid connecting means between the rear horizontal connecting-bars 6, and thus coöperate to reinforce the structure of the holder in a very substantial manner.

In the actual construction of my holder device the wire from which the frame of the holder is made is first formed so as to constitute the upper supporting-arms 2, which are integral with the rear connecting-bar 6, adjacent thereto. The said upper arms 2 are then bent to form the guide-bars 9 and the front vertical connecting-bars 10. After the vertical connecting-bars 10 have been formed the lower ends of same are projected rearwardly and forwardly to form the deflected portions which comprise the supporting members 8, after which the lower supporting-arms 1 are bent into shape and the ends of the wire twisted together, as shown at 15. The spaced supporting-arms of the clamp member are integral with this part, the wire from which said member is made being bent into the requisite shape for the above purpose.

Having thus described the invention, what is claimed as new is—

A lamp-holder comprising a frame consisting of upper supporting-arms having their front ends projected laterally to form guide members, lower supporting-arms having their front ends projected downwardly and forwardly at their front ends to form lamp-supporting members, integral vertical connecting members connecting the front ends of corresponding upper and lower supporting-arms, horizontal bars connecting the rear ends of the respective upper and lower supporting-arms, a shade embraced by the supporting-arms aforesaid, said shade being provided with slots to receive and interlocked with the upper supporting-arms, a keeper projected from the shade and engaging the upper horizontal connecting-bar to prevent displacement of the shade from the holder, a clamp member, and spaced arms carried by said clamp member and mounted upon horizontal connecting-bars of the frame.

In testimony whereof I affix my signature in presence of two witnesses.

ALBERT C. S. RUE. [L. S.]

Witnesses:

B. F. FILBERT,

R. R. HUMPHREY.