G. R. AINSWORTH.

ELECTRIC LAMP SHADE HOLDER.

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1,125,629.

Patented Jan. 19, 1915.

Fig. 1.

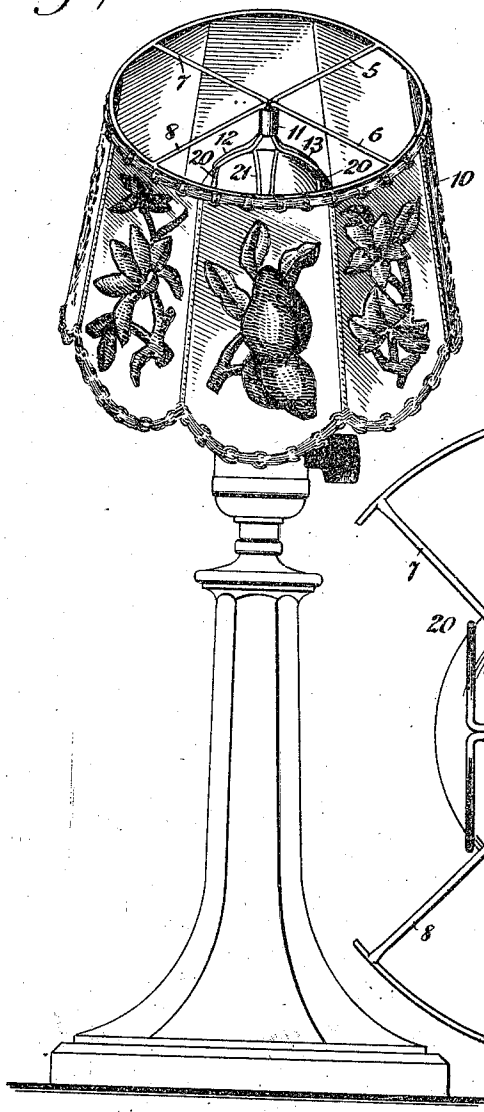
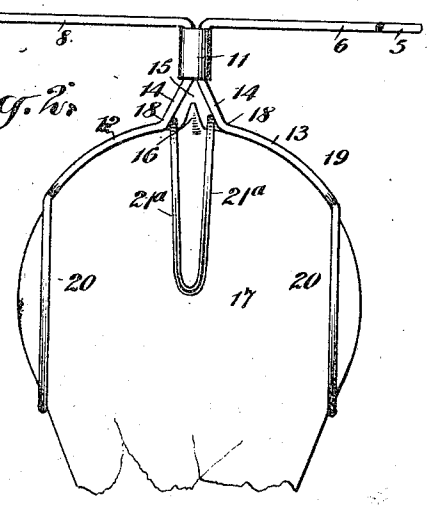


Fig. 2.



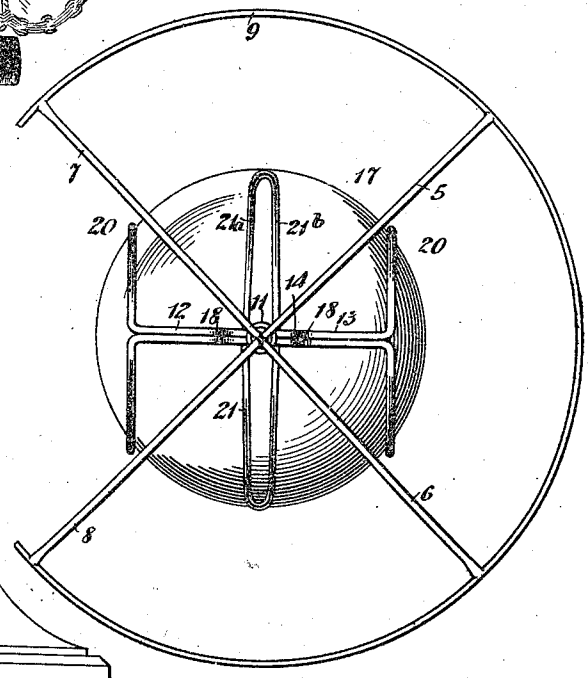


Fig. 3.

WITNESSES

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ELECTRIC-LAMP-SHADE HOLDER.

1,125,629. Specification of Letters Patent. Patented Jan. 19, 1915.

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To all whom it may concern:

Be it known that I, GEORGE R. AINSWORTH, a citizen of the United States, and a resident of Great Neck, in the county of Nassau and State of New York, have invented a new and Improved Electric-Lamp-Shade Holder, of which the following is a full, clear, and exact description.

The object of my invention is to provide an adjustable lamp shade holder adapted for use on various electric lamp bulbs,—the holder having a curved guideway engaging the bulb and in which the tip or nipple of the bulb is normally disposed. This guideway is in a plane at right angles to the axis on which the shade revolves by means of two looped terminals embracing the sides of the bulb substantially on this axis. Thus the holder may be rotated on both vertical and horizontal axes, permitting the shade to be tilted to any desired angle.

Additional objects of the invention will appear in the following specification in which the preferred form of my invention is disclosed.

In the drawings similar reference characters refer to similar parts in all the views in which—

Figure 1 is a view showing my improved lamp shade holder in use; Fig. 2 is a fragmentary view of the lamp shade holder showing the features of construction; and Fig. 3 is a plan view showing the construction of the lamp shade frame.

By referring to the drawings it will be seen that two wire members are provided, one of the wire members having shade supporting terminals 5 and 6, and the other member having shade supporting terminals 7 and 8. These terminals 5, 6, 7 and 8 extend radially and support the circular wire 9 which carries the shade 10. The members at the inner ends of the shade supporting terminals 5, 6, 7 and 8 are inclosed within a collar 11, the parts of each of the members being disposed side by side as best shown in Fig. 3 of the drawings, forming arms 12 and 13 which diverge for a distance at 14, as shown in Fig. 2 of the drawings to provide an opening 15 through which a nipple 16, on a lamp bulb 17, may pass. The members, after diverging a distance at 14, as stated, are curved at 18 to fit the lamp bulb, the parts of the members forming the arms 12 and 13, being separated at 19 to form the loops 20 which embrace the sides of the lamp bulb 17 as is shown in the drawings. The arms 12 and 13 are resilient so that the looped portions 20 of the members will obtain a sufficient grip on the lamp bulb 17 to hold the lamp shade in adjusted position. Disposed at an angle relatively to the arms 12 and 13 there is a guide member 21 which consists of a looped piece of wire curved to fit the lamp bulb, the guide member 21 having parts 21^a and 21^b which are disposed at the sides of the nipple 16 on the lamp bulb 17 to guide the lamp shade frame when it is tilted relatively to the lamp bulb 17.

It will be understood that the frame carrying the lamp shade may be rotated on an axis passing through the looped portions 20 of the members substantially at their centers, and that when the frame is rotated in this manner the guideway will move with the frame relatively to the nipple, and the nipple which is disposed in the guideway, will act as a guide during the movement of the frame.

It will also be understood that the frame may be rotated on a vertical axis, passing substantially through the nipple 16. In this manner the lamp shade 10 may be tilted as may be desired to throw the light from the lamp in a direction where it may be found to be most useful.

Having thus described my invention I claim as new and desire to secure by Letters Patent:

1. In an article of the class described, a frame having arms with looped portions for embracing the sides of a lamp bulb, and a guideway on the frame disposed at an angle to the arms for receiving a nipple on the bulb.

2. In an article of the class described, a frame having curved arms for fitting a lamp bulb and bent away from the lamp bulb at the nipple on the bulb to permit the nipple to pass when the frame is moved relatively to the lamp bulb, the arms having looped portions for embracing the sides of the lamp bulb.

3. In an article of the class described, a frame having curved arms for fitting a lamp bulb and bent upwardly to permit a nipple on the bulb to pass the arms when the frame is rotated on the lamp bulb, the arms having looped portions for embracing the sides of the lamp bulb, and a guideway dis-

posed at an angle relatively to the arms and secured to the frame for receiving the nipple on the bulb.

4. In combination with a lamp having a nipple, a frame having a horizontal shade supporting terminal and portions adjacent thereto united at the nipple on the lamp bulb and extending from the shade supporting terminal along the lamp bulb from its nipple, the portions being looped to embrace the lamp bulb.

5. In an article of the class described, a frame having arms with bearing portions for embracing the sides of a lamp bulb, and a guideway on the frame for receiving a nipple on the bulb.

6. In an article of the class described, a frame having a transverse guideway for engaging the sides of a lamp bulb, and in which a nipple on the lamp bulb may move.

7. In an article of the class described, a frame having two members, each with two diverging shade supporting terminals, and a collar for holding the members together, the parts of each of the members below the collar, extending laterally and having looped portions for engaging the sides of a lamp bulb.

8. In an article of the class described, a frame having two members, each with two diverging shade supporting terminals, a collar for holding the members together, the parts of each of the members below the collar, extending laterally and having looped portions for engaging the sides of a lamp bulb, and a curved guideway secured to the frame for receiving a nipple on the bulb.

9. In an article of the class described, a frame having a transverse guideway, the sides of which are substantially parallel, in which the nipple on a lamp bulb may move.

10. In an article of the class described, a frame having a guideway, the sides of which are substantially parallel, in which the nipple on a lamp bulb may move, and means on the frame for embracing the lamp bulb.

11. In an article of the class described, a frame having a guideway, the sides of which are substantially parallel, in which the nipple on a lamp bulb may move, and looped members extending at angles to the guideway, for embracing the lamp bulb.

12. In an article of the class described, a frame having means for supporting a lamp shade and two members spaced apart having looped portions disposed substantially parallel for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of the two subscribing witnesses.

GEORGE RAYMOND AINSWORTH.

Witnesses:
JEFFERSON D. MILLER,
L. LIVINGSTON.