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 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 guide-
way 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 charac-
ters 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 frag-
mentary view of the lamp shade holder
showing the features of construction; and
Fig. 3 is a plan view showing the construc-
tion 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 sup-
porting terminals 5 and 6, and the other
member having shade supporting terminals
7 and 8. These terminals 5, 6, 7 and 8 ex-
tend 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 pro-
vide an opening 15 through which a nipple
16, on a lamp bulb 17, may pass. The mem-
bers, 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 ob-
tain 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 hav-
ing parts 21a and 21b 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 car-
rying the lamp shade may be rotated on an
axis passing through the looped portions 20
of the members substantially at their cen-
ters, 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 Let-
ters 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 rel-
atively 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.