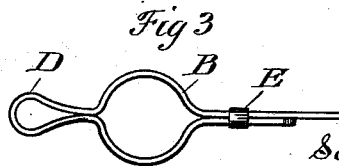
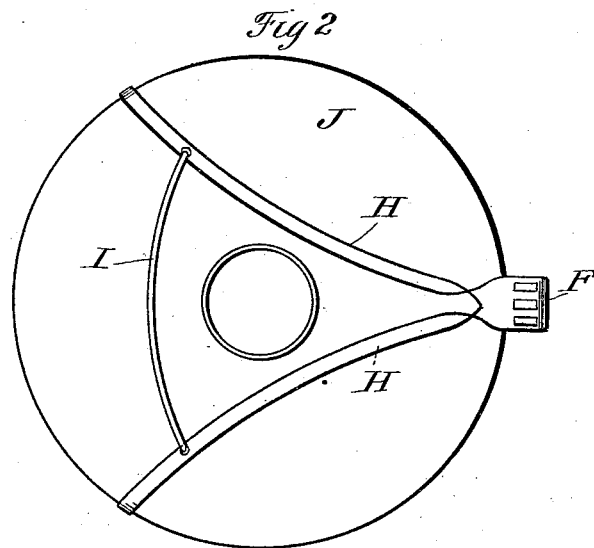
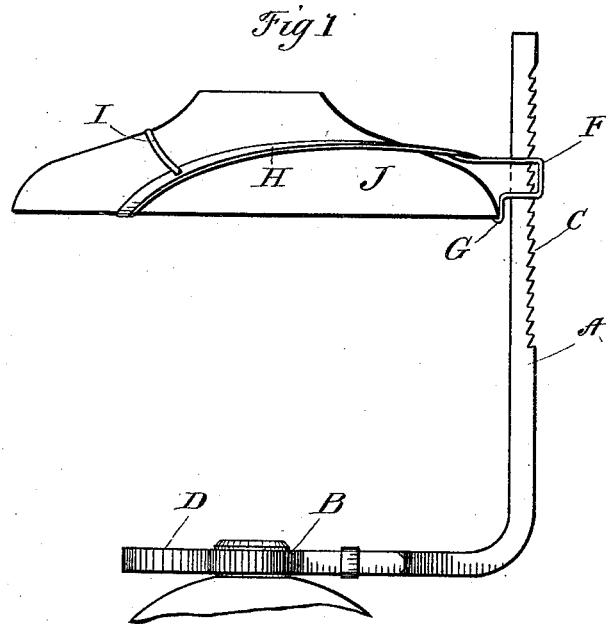


(No Model.)

S. S. WOODWARD.  
LAMP SHADE SUPPORT.

No. 347,456.

Patented Aug. 17, 1886.



*Witnesses*  
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# UNITED STATES PATENT OFFICE.

SAMUEL S. WOODWARD, OF GUIDE ROCK, NEBRASKA.

## LAMP-SHADE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 347,456, dated August 17, 1886.

Application filed April 17, 1886. Serial No. 199,204. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL S. WOODWARD, a citizen of the United States, residing at Guide Rock, in the county of Webster and State of Nebraska, have invented certain new and useful Improvements in Lamp-Shade Supports; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in lamp-shade supports, and has for its object to provide a device of this description which may readily be attached to the collar of any ordinary lamp to support a shade thereon, which will be easily attachable, and by means of which the shade may be held at any desired height relative to the plane of the lamp and at angles other than horizontal thereto; and with these ends in view my invention consists in the details of construction and combination of elements, hereinafter fully explained, and then specifically designated by the claims.

In order that those skilled in the art to which my invention appertains may fully understand my improvement, I will proceed to describe the same in detail, referring by letter to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a side elevation of my device attached to an ordinary lamp whose reservoir is broken away; Fig. 2, a plan view of the shade and its supporting-claws; Fig. 3, a plan view of the attaching-strap and its link.

The standard A and attaching-strap B are formed of one strip of metal, the portion thereof forming the standard being bent upward at right angles to the portion forming the attaching-strap. At C the outer edge of the standard is racked for the purpose presently explained. The attaching-strap is bent upon itself to accommodate the collar of the lamp, and the loop D forms a spring, so that the strap may be opened and collars of lamps varying largely in size held with equal facility.

E is an ordinary slide-link, which secures the strap around the lamp-collar. There may be one of these links on either side of the loop,

if desired; but I have found that one is sufficient for all practical purposes.

F is a bracket bent into three sides of a rectangle, its upper side being provided with three slots, and its lower side with one slot, to admit the standard, and provided with a lip, G, formed by the bending of its short lower end. Any desired number of slots may be placed in the upper and lower sides of this rectangle, since their object is merely to afford a means for adjusting the position of the shade at an angle to the perpendicular, which result is accomplished by inserting the standard within holes in the upper and lower sides of the rectangle that are more or less out of alignment with the vertical plane.

H are the shade-supports, preferably formed integral with the bracket, and holding the shade by means of their hooked extremities holding over the edge of the latter.

I is a brace securing the shade-supports against slipping upon the periphery of the shade.

J is the shade, of any ordinary construction, and having a central opening, through which the chimney of the lamp may protrude.

In my device when assembled as aforesaid the shade may be raised or lowered at will by the raising or lowering of the bracket on the standard. The latter movement is effected by lifting the outer edge of the shade sufficiently to disengage the upper slot of the bracket from the racked edge of the standard, when said bracket may be readily moved up or down and secured at the desired point by releasing the outer edge of the shade, when the weight of the latter will cause the upper slot to engage with the racked edge C. Thus it will be seen that the hold of the bracket upon the standard is insured by the leverage of the shade holding the outer edge of the upper slot in engagement with the rack. When the standard passes through the center upper slot, the shade will be held horizontal and the light reflected equally in all directions; but when it becomes desirable to have the light reflected to one side more than the other it is only necessary to pass the standard through one or the other of the upper side slots, which are out of vertical alignment with the lower

slot, and will therefore cause the shade to be held at an angle to the horizon.

In my improvement I do not wish to be confined to the exact arrangement of parts described and illustrated in the drawings, for it is obvious that I may substitute for the precise assemblage shown a slightly different but substantially equivalent arrangement without departing from the spirit of my invention, which consists in the broad idea of a lamp-shade support consisting of a single racked vertical upright, a means for securing the same to the collar of an ordinary lamp, and a shade-supporting device adapted to be held to the racked upright and secured in any desired vertical or horizontal plane thereon by means of a bracket connection, all of which I have shown and described in combination.

Having thus set forth and illustrated my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination of the vertical racked standard, the spring-loop formed integral therewith and at ninety degrees thereto, the slide-link upon the loop, the slotted bracket adjustable upon the standard, the shade-supporting arms extending outwardly from the

bracket over the top of the shade, and the shade supported by the hooked extremities of the arms and the lip upon the bracket, all arranged as described, and for the purposes specified.

2. The combination, in a device of the character described, with the vertical racked standard, the loop for its attachment to the lamp-collar, the shade, and the arms for supporting the latter, of the curved bracket having slots in the upper and lower sides thereof and in different vertical planes, said bracket adapted to support the shade and to be adjusted upon the standard, substantially as set forth.

3. The combination of attaching-strap B, spring-loop D, and racked bar C, formed integral, the latter bent at an angle of ninety degrees to the former, with bracket F, arms II, brace I, and shade J, all arranged as and for the purpose specified.

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

SAMUEL S. WOODWARD.

Witnesses:

LELAND PARKER,  
EDMUND O. PARKER.