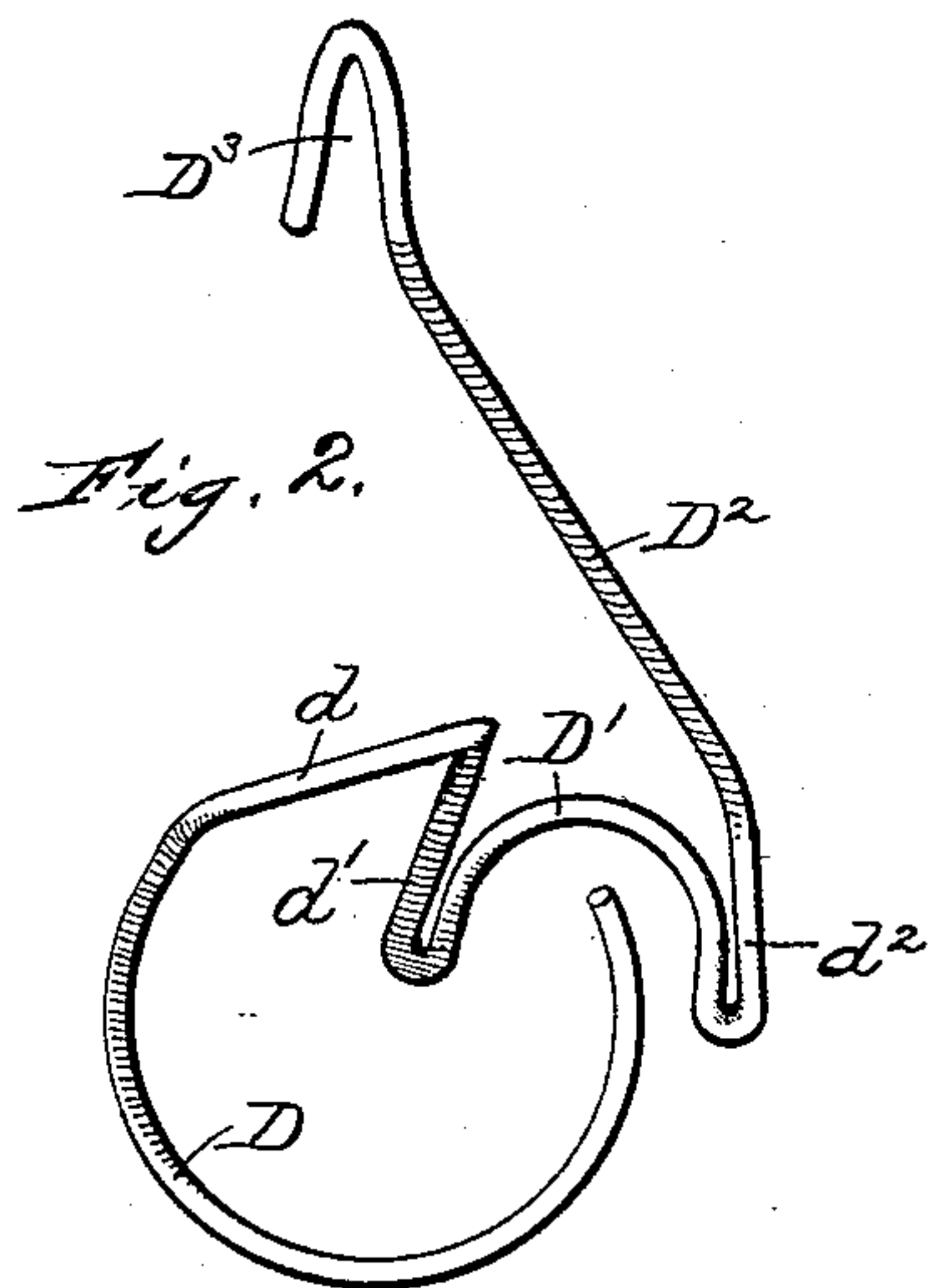
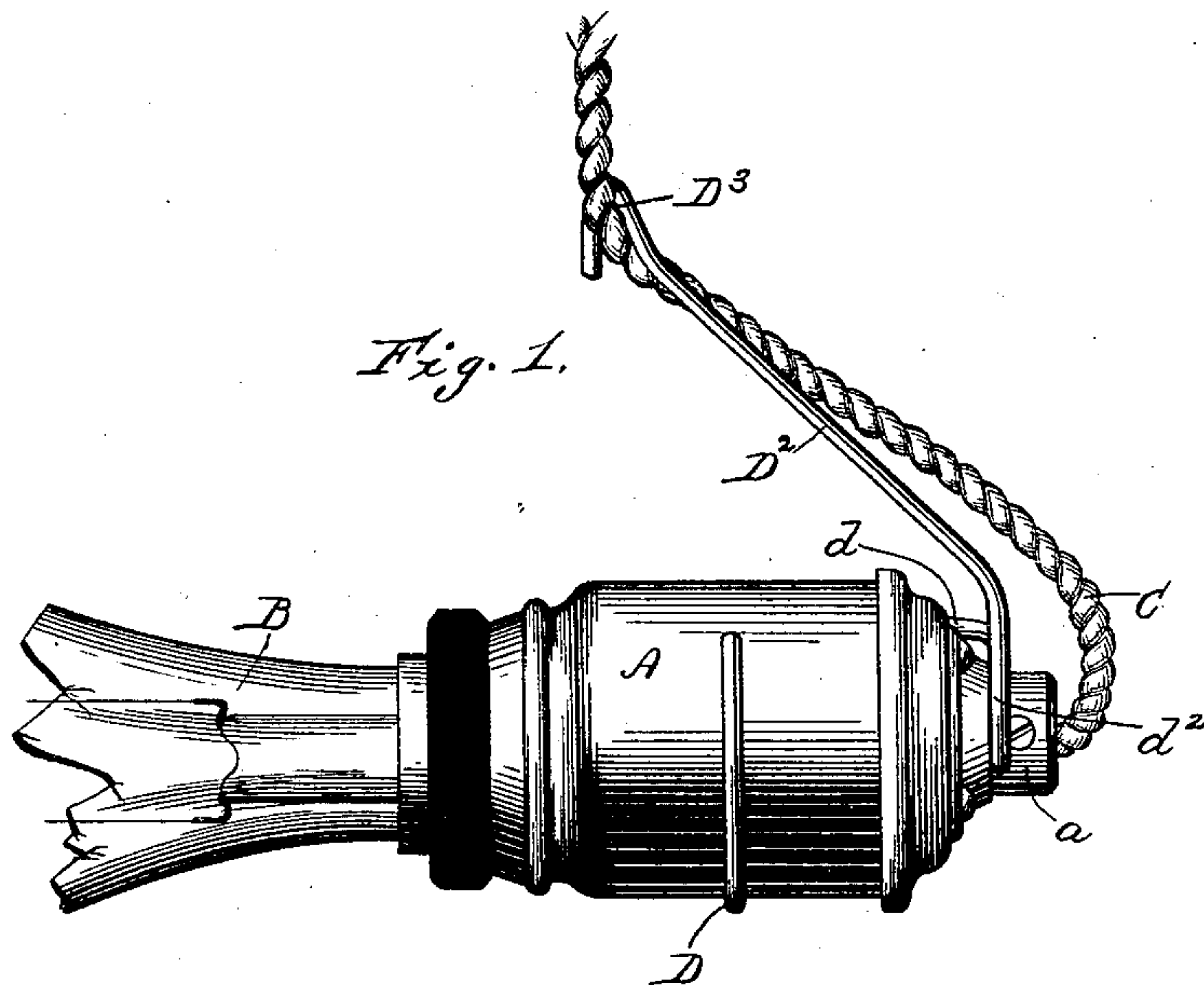


(No Model.)

L. C. WHITNEY, Jr.
INCANDESCENT ELECTRIC LAMP HOLDER.

No. 495,951.

Patented Apr. 18, 1893.



WITNESSES,
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LEROY C. WHITNEY, JR., OF MILWAUKEE, WISCONSIN.

INCANDESCENT-ELECTRIC-LAMP HOLDER.

SPECIFICATION forming part of Letters Patent No. 495,951, dated April 18, 1893.

Application filed December 10, 1892. Serial No. 464,742. (No model.)

To all whom it may concern:

Be it known that I, LEROY C. WHITNEY, JR., a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Incandescent-Electric-Lamp Holders; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to new and useful improvements in incandescent electric lamp supports, and consists in the matters hereinafter described and subsequently claimed.

In the accompanying drawings illustrating my invention: Figure 1 is a side elevation of an incandescent lamp socket, with my improved support applied thereto, and showing a part of the lamp bulb broken away. Fig. 2 is a perspective view of my improved lamp support.

In said drawings: A designates the lamp socket, which is of any desired one of the ordinary forms of construction.

B designates the lamp, and C the flexible cord by which the lamp is suspended and which carries the circuit wires leading to the inside of the lamp socket A in the ordinary manner.

My improved support is formed from a single piece of wire bent into shape as follows:— One end of the wire is bent so as to form a loop D constructed on a circular curve of a diameter equal to the outside of the socket A, the part of the wire next to this loop being then bent at substantially right angles to the plane of said loop as at d , being then bent down as at d' , and a second loop D' formed therein as shown, said loop being constructed upon a circular curve of a diameter equal to another portion of the socket, such as the tubular projection a at the upper end thereof, and arranged to bear upon the side of the said projection opposite to the loop D. The wire is then bent upward again as at d'' , and thence bent so as to form the diagonal arm D², the upper end of which terminates in a hook D³.

In applying my improved support to a lamp, the loop D is slipped over one side of the large part of the socket A, and the loop D' is arranged to bear against the opposite side of the tubular projection a of the socket in the

manner illustrated in Fig. 1, of the drawings. When the holder is thus secured to the lamp socket, the arm D² extends obliquely at one side of the socket as shown.

When it is desired to support the lamp in a horizontal position, the hook D³ at the end of the arm D² is engaged with the flexible lamp cord C, as illustrated in Fig. 1. In this condition the weight of the lamp will be supported in an obvious manner by the holder, the loop D bearing upward against the under side of the lamp socket, and the loop D' bearing downward against the upper side of the projection a thereon.

It is often very desirable to place an incandescent lamp in a horizontal position in order to obtain the greatest benefit of the light upon a table, desk or other object located beneath the lamp, as it is a well known fact that by far the greater part of the light radiates from the lamp in a direction lateral to the length of the carbon. At other times, it is desirable to suspend the lamp in a vertical position, so as to obtain the greatest benefit of its light at the sides of the lamp. In such cases, it is only necessary to disengage the cord C from the hook D³, so as to permit the lamp to hang freely at the end of the cord in the ordinary manner. When the hook D³ is freed from its engagement with the cord C, the holder will be maintained in its engagement with the lamp socket by the elasticity of the loop D, which is preferably arranged to extend a little more than half way round the socket, as shown.

My improved device is readily applicable to any of the ordinary forms of incandescent electric lamps, and may be readily adjusted to support the lamp in a horizontal position, or to permit the lamp to hang vertically, or if desired, may be easily and quickly removed.

As illustrated in Fig. 2 of the drawings, the hook D³ at the end of the arm D² is made of substantially V shape so as to enable it to firmly engage with the lamp cord, and by this construction, I am enabled to employ my improved device as an adjuster to regulate the height of the lamp, as it is obvious that the holder may be readily raised or lowered with respect to the flexible cord and the hook D³ engaged with the cord so as to hold the lamp at any desired elevation.

Having thus described my invention, what I

claim as new, and desire to secure by Letters Patent, is—

1. A holder for incandescent electric lamps, comprising a part provided with a spring arm
5 or loop adapted for engagement with the outside of the lamp-socket, a loop arranged to engage with the opposite side of the socket, and an angularly extending arm provided at its free end with a hook adapted for engagement
10 with the lamp cord, substantially as set forth.

2. A holder for incandescent electric lamps, formed from a single piece of wire, bent so as to form oppositely disposed loops for engagement
15 with opposite sides of a lamp socket, and an obliquely extending arm provided at its free end with a hook adapted for engagement with the lamp cord, substantially as set forth.

3. A holder for incandescent electric lamps,

formed from a single piece of wire, bent so as 20 to form a spring arm or loop for engagement with the large part of a lamp socket, and an oppositely disposed loop of smaller diameter than the first mentioned loop and adapted for engagement with the tubular projection at 25 the end of the socket, and an angularly extending arm provided at its free end with a hook adapted for engagement with the lamp cord, substantially as set forth.

In testimony that I claim the foregoing I 30 have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

LEROY C. WHITNEY, JR.

Witnesses:

JOHN E. WILES,
N. E. OLIPHANT.