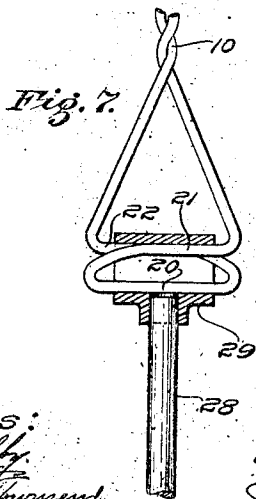
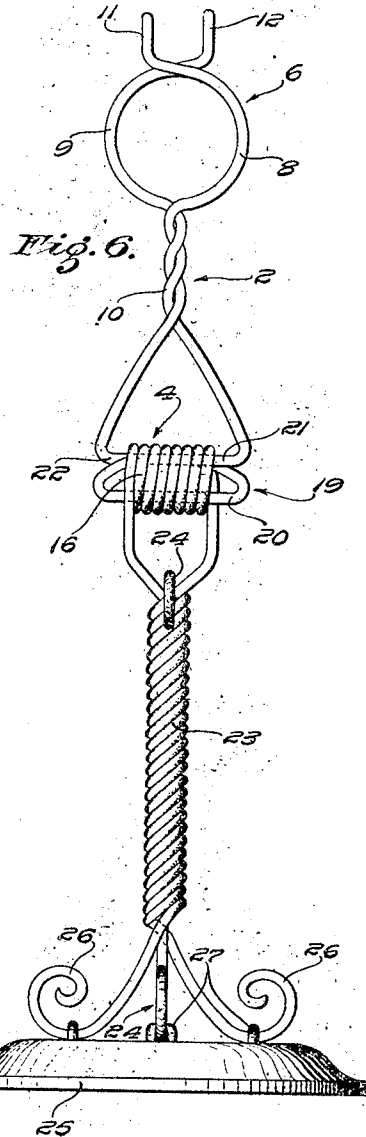
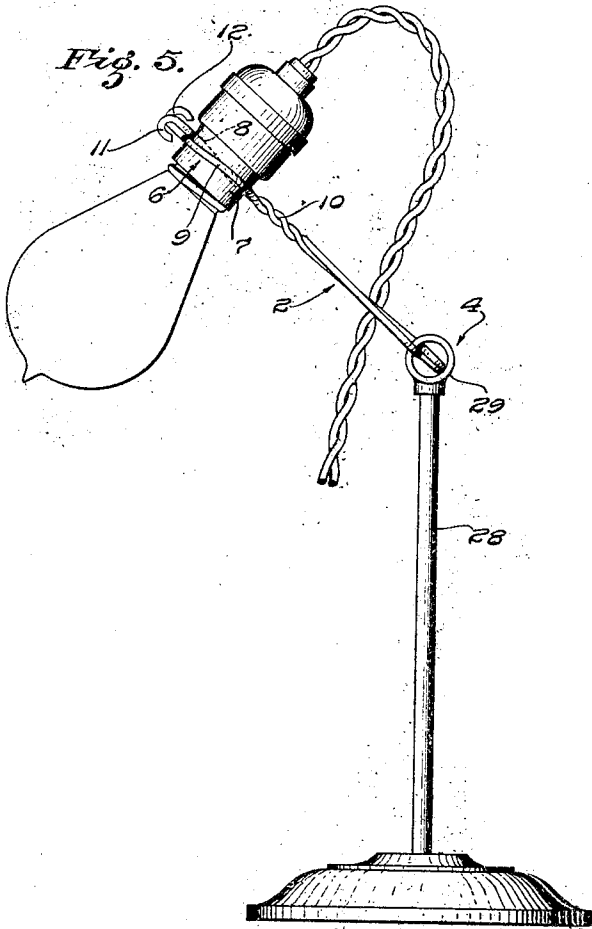


F. WALKER.
INCANDESCENT ELECTRIC LAMP HOLDER.
APPLICATION FILED JAN. 13, 1908.

910,158.

Patented Jan. 19, 1909.
2 SHEETS—SHEET 2.



Witnesses:
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his atty.

UNITED STATES PATENT OFFICE.

FRANK WALKER, OF LOS ANGELES, CALIFORNIA.

INCANDESCENT-ELECTRIC-LAMP HOLDER.

No. 910,158.

Specification of Letters Patent.

Patented Jan. 19, 1909.

Application filed January 13, 1908. Serial No. 410,678.

To all whom it may concern:

Be it known that I, FRANK WALKER, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Incandescent-Electric-Lamp Holder, of which the following is a specification.

An object of the invention is to provide a cheap holder that can be applied to a desk, table, shelf, or drawing-board in any part of a room by having the electric-lighting cords of considerable length.

A further object of the invention is to provide said holder with a friction joint that will retain the lamp-carrying arm or the holder in any position in which it is left.

Further objects and advantages may appear from the subjoined detailed description.

The invention may be carried out in various ways, and I do not limit myself to any specified form of its application.

The accompanying drawings illustrate the invention.

Figure 1 is an elevation of an electric-lamp holder constructed in accordance with this invention and in use on a shelf for holding an incandescent lamp which is shown in the view. Dotted lines indicate different positions in which the lamp-holding arm may be adjusted. Fig. 2 is a plan of the device shown in Fig. 1, omitting the lamp. The parts are in relative position indicated at the lower position of Fig. 1. Fig. 3 is a view of the holder with parts constructed to swing the lamp-holding arm horizontally instead of up and down as in Fig. 1. Fig. 4 is an enlarged detail of the friction joint. Fig. 5 is an elevation of the holder to be used in connection with the weighted base of a lamp-stand, the lamp-holding arm having the same construction as that of Fig. 1, and the supporting arm being formed of tubular fittings. Fig. 6 is an elevation of the holder formed mainly of wire and supported by a lamp-stand base. Fig. 7 is an enlarged detail partly in section of the friction joint shown in Fig. 5.

The holder in its preferred form is composed of two members,—namely the support-clamping arm 1 and the lamp-holding-arm 2. These members are each provided with a clamp; the member 1 being provided with a U-clamp 3 opening away from a friction joint 4 to fit upon any appropriate support as a shelf 5; and the other member 2,

being provided with a closed clamp 6 to encircle the neck of an incandescent lamp 7. Said closed clamp 6 is preferably composed of two resilient loops 8 and 9 which are fastened together by being twisted upon each other to form a stem at 10 between said loops 8 and 9 and the friction joint 4. The free ends of said loops 8 and 9 are preferably crossed upon each other, as shown, and terminate in handles 11 and 12 by which the loops may be sprung apart when said handles are pressed toward each other, thus to admit or release the lamp 7.

Both of the members 1 and 2 are preferably formed of resilient material as two spring wires, the wire forming the member 1 being bent at both its ends in a double clamp loop, thus being provided with clamp jaws at each end composed of three limbs as 13, 14, and 15; and the intermediate portion of said wire for the member 1 is bent spirally to form a tubular eye 16, and between said eye and said loops the limbs of the wire are twisted together to form a stem 17; further portions of said wire being bent at right angles to the axis of said stem to form branches 18 connecting with the inner limbs 15 of said clamp loops.

The holder-arm or member 2 is bent intermediately to form a resilient loop 19 comprising three limbs 20, 21, and 22, that are encircled by the cylindrical eye 16 and are compressed thereby so that they exert a continual expansive force against the inside of said eye 16, thus producing a friction joint whereby when the lamp is in place between the loops 8 and 9 it may be adjusted to various positions and the arm will be held in that position by the friction of the joint.

In Fig. 6 the holder is shown in the form of a stand. The limbs of the wire of member 2 after forming the eye 16, are twisted to form a standard 23. Two more wires 24 are used in connection with the limbs of member 2 to give stiffness and rigidity to said standard which is fastened to a base 25. The helical-twist thus formed branches out at the end portions in spiral ends 26, to rest on the base 25 to which the spiral ends 26 are securely fastened by means of staples 27. The invention may also be embodied in another form shown in Figs. 5 and 7, in which a standard 28 and the tubular member of the friction joint 4 are constructed of piping, a tee 29 being used for the same purpose as the

eye 16 to hold the limbs 20, 21, 22 of member 2 in compression, thus producing a friction joint.

I claim:—

5 1. An incandescent electric lamp-holder comprising a member having an eye and a second member formed of wire, said wire being bent upon itself both ways from the center to form a resilient loop, said loop being
10 mounted in said eye, and one member being adapted to engage a support and the other member being adapted to receive and hold a lamp.

2. An incandescent electric lamp-holder
15 comprising one member adapted to engage a support and having an eye; a second member formed of wire bent upon itself both ways from the center to form a resilient loop, said loop being yieldingly mounted in said eye,
20 and the ends of said member being twisted together to form an arm extending from the eye and to form an elastic clamp to encircle the neck of an incandescent lamp.

3. An incandescent electric lamp-holder
25 comprising a member adapted to engage a support and having an eye; a second member formed of wire bent upon itself at the center to form an elastic loop frictionally mounted in said eye, the ends of the wire being brought together to form a spring clamp
30 to engage the neck of an incandescent lamp, and said ends being crossed beyond the clamp to form handles for opening the clamp to receive or release the lamp.

35 4. An incandescent electric lamp-holder comprising a member adapted to engage a support and having an eye; a second member formed of wire bent upon itself at the center to form an elastic loop frictionally
40 mounted in said eye, the two parts of the

wire being twisted together to form an arm extending from the eye and the ends of the wire being bent to form an elastic clamp at the end of the arm to encircle the neck of a lamp, and the extreme ends of the wire being crossed beyond the clamp to form handles for opening the clamp. 45

5. An incandescent electric lamp-holder comprising a member formed of wire, said wire being coiled at its center to form an eye, 50 and the two parts of the wire being twisted together to form a stem, and the two ends of the wire being bent to form a U-shaped clamp to engage a support; a second member formed of wire bent upon itself at the center to form a resilient loop frictionally 55 mounted in said eye, and the ends of the wire being bent to form a yielding clamp to receive the lamp socket.

6. An incandescent electric lamp-holder 60 comprising a member formed of wire, said wire being coiled at its center to form an eye, and the two parts of the wire being twisted together to form a stem, and the two ends of the wire being bent to form a U-shaped 65 clamp to engage a support; a second member formed of wire bent upon itself at the center to form a resilient loop frictionally mounted in said eye, the ends of the wire being bent to form a yielding clamp to receive 70 the lamp-socket, and the extreme ends of the wire being crossed and bent to form handles for opening the clamp.

In testimony whereof, I have hereunto set my hand at Los Angeles, Cal., this 6th day 75 of January, 1908.

FRANK WALKER.

In presence of—

JAMES R. TOWNSEND.

M. BEULAH TOWNSEND.