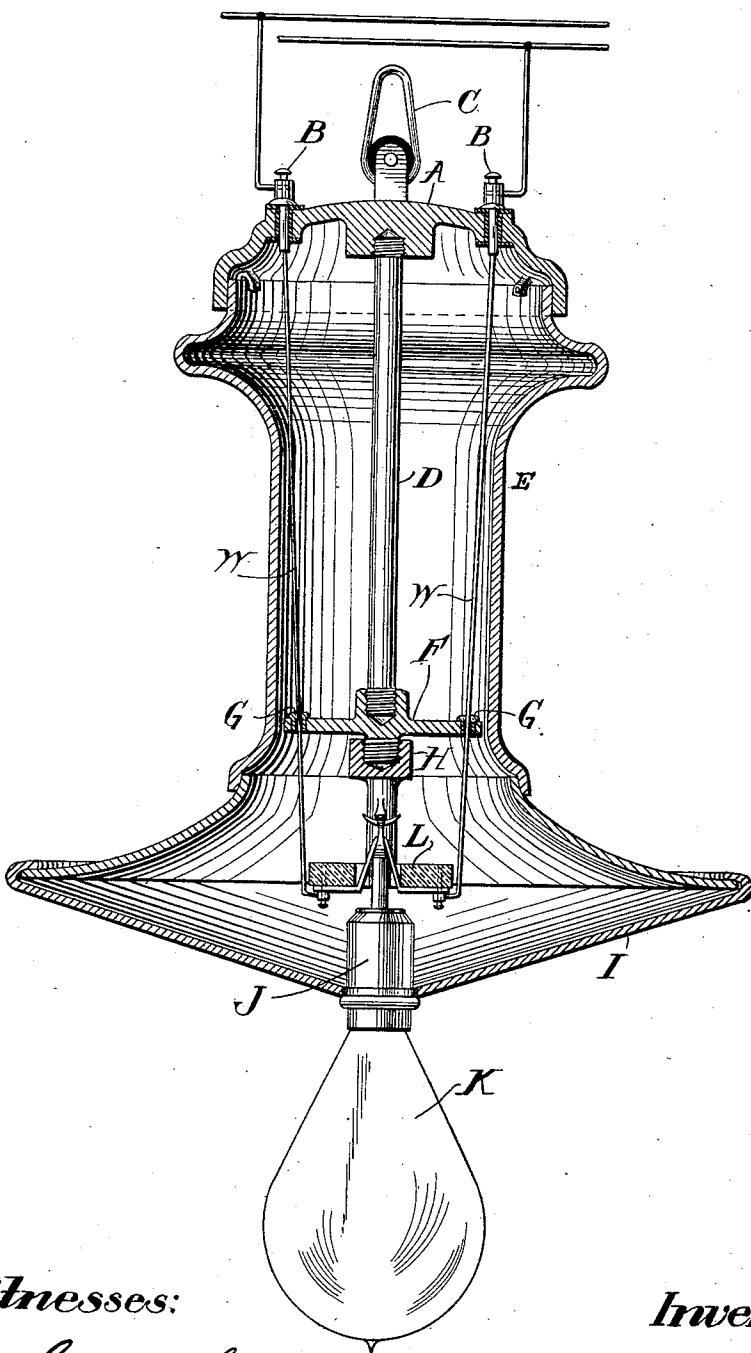


F. P. HARRISON,
ELECTRIC LIGHT FIXTURE AND HANGER,
APPLICATION FILED DEC. 19, 1910.

999,107.

Patented July 25, 1911.



Witnesses:
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UNITED STATES PATENT OFFICE.

FRANK PINKNEY HARRISON, OF COVINGTON, GEORGIA.

ELECTRIC-LIGHT FIXTURE AND HANGER.

999,107.

Specification of Letters Patent. Patented July 25, 1911.

Application filed December 19, 1910. Serial No. 598,223.

To all whom it may concern:

Be it known that I, FRANK PINKNEY HARRISON, a citizen of the United States, and a resident of Covington, in the county 5 of Newton and State of Georgia, have invented an Improvement in Electric-Light Fixtures and Hangers, of which the following is a specification.

The object of my invention is to provide 10 an improved means for suspending and protecting an electric light fixture or hanger. The fixture or hanger proper is suspended from and inclosed by a shield or protector to whose lower portion a lamp socket and a reflector may be conveniently attached.

The details of construction, arrangement, and combination of parts are as hereinafter described, and illustrated in the accompanying drawing which represents a central 20 vertical section of a lamp fixture and hanger constructed in accordance with my invention.

A indicates the cap or cover of a shield or protector E which is attached to and pendent therefrom. The protector is preferably made of sheet metal and incloses other parts as shown. The said cap or cover is practically concavo-convex in form, the inner side of the same being provided with a pendent central boss into which a rod D is screwed. The lower end of said rod is screw-threaded and connected by a screw joint with a disk F, which, in practice, is preferably constructed of iron in order to 30 increase the weight of the fixture or hanger as a whole, so that it will tend to maintain a vertical position.

The under side of the disk F is provided with a screw tap to which a lamp holder H 40 is attached, the same being connected with a disk, or so-called hood, L to which conducting wires W are attached. The part L is formed of non-conducting material and the stem of the socket J, into which an incandescent bulb K is screwed, is detachably engaged with the parts L, H. The conducting wires W are secured in binding-posts attached to the under side of the disk L, and spring contacts are also connected to the 45 same binding-posts, and, when the lamp socket is attached, as shown in the drawing, the springs are in contact therewith and

thus a circuit is closed through the wires W and the ordinary conductors extending to a source of electrical supply. The said wires 55 pass through insulated plugs G fixed in the metal plate F and are attached to binding screws B which are attached to, and insulated from, the conical top A of the shield. Short wires operatively connect the binding- 60 screws with the line conductors, as shown.

It will thus be seen that I provide strong, durable, and efficient means for hanging and supporting a lamp fixture and for holding 65 the conducting wires duly separated and yet protected from contact with the hand-line used for lowering or elevating the lamp.

It will be understood that the hand-line is in practice attached to the loop C that is permanently connected with the top A of the 70 shield and runs over a pulley suspended from a guy wire (not shown). The conductors are sufficiently long and slack to allow the lamp to be lowered to a point where it will be accessible for repair or 75 other purpose.

The body E of the shield is approximately cylindrical, its upper portion being, however, swelled, as shown, for the purpose of giving it an ornamental form. The reflector 80 I is suitably connected with the lower end of the body E of the projection, but this feature constitutes no part of my invention.

It will be noted that the several parts of the interior portion of the fixture and hanger 85 are easily detachable from each other, which facilitates storage and transportation.

What I claim is:—

1. An improved electric light hanger and protector, comprising an elongated hollow 90 body having a cap secured thereto, a rod detachably connected with said cap and pendent therefrom within the body of the hanger, a disk detachably connected with the lower end of said rod, a lamp hanger 95 proper also detachably connected with the under side of said disk, and conducting wires extending to the lamp hanger proper and passing through guide openings in the aforesaid disk and secured to and insulated from 100 the cap of the protector, substantially as described.

2. The improvement in electric light fixtures and hangers, comprising an upper sus-

pending portion, a pendent rod detachably connected therewith centrally, a weighted disk screwed on the lower end of said rod and provided with openings for passage of 5 conducting wires, and a lamp support proper comprising a socket and a part H which is detachably connected with the said disk and

provided with contacts adapted for closing the circuit through the lamp, substantially as described.

FRANK PINKNEY HARRISON.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."