No. 688,142. Patented Dec. 3, 1901.

H. L. WHITE.

LAMP HANGER.

(Application filed Apr. 20, 1901.)

(No Model.)

Fig 1

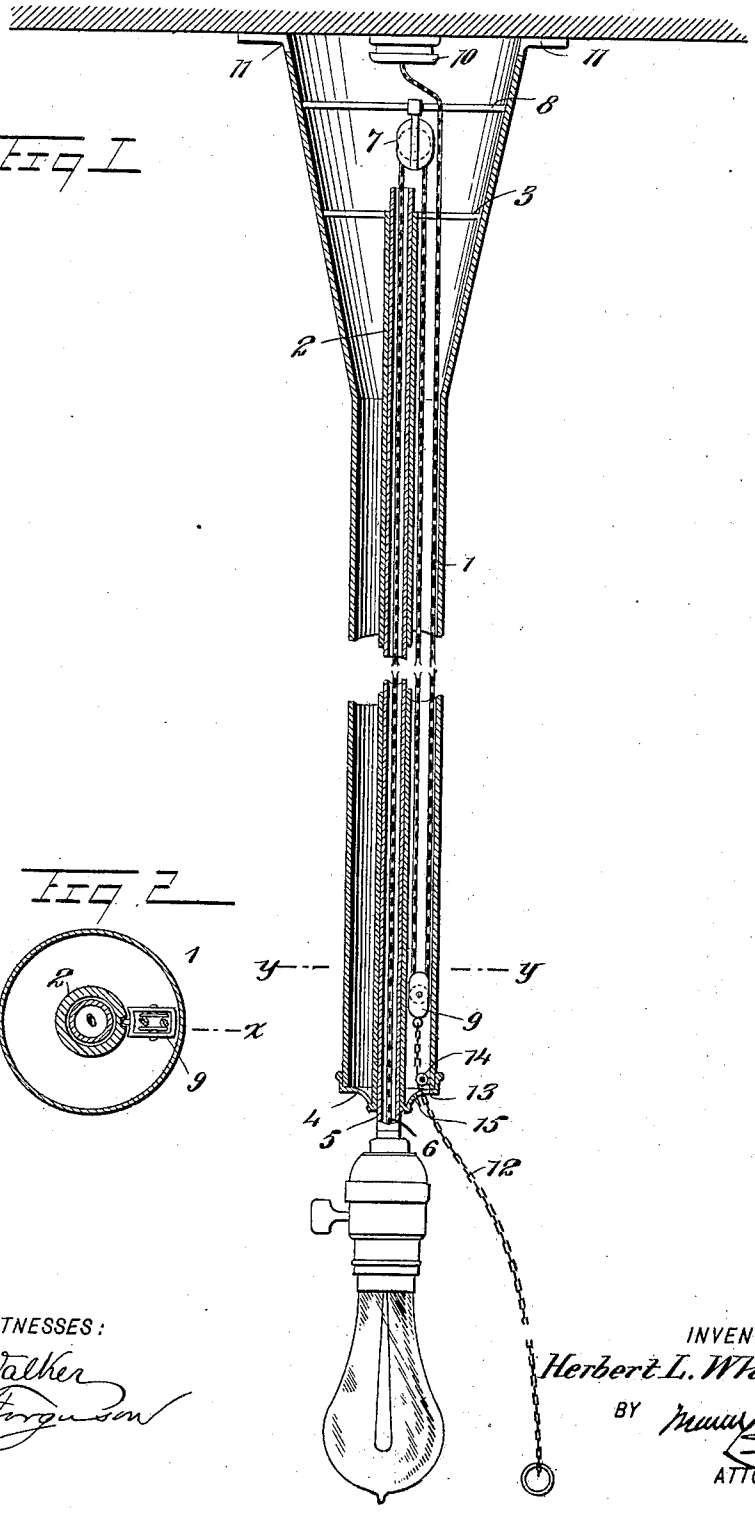


Fig 2

WITNESSES:

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HERBERT L. WHITE, OF BONHAM, TEXAS.

LAMP-HANGER.

SPECIFICATION forming part of Letters Patent No. 688,142, dated December 3, 1901.

Application filed April 20, 1901. Serial No. 56,706. (No model.)

To all whom it may concern:

Be it known that I, HERBERT L. WHITE, a citizen of the United States, and a resident of Bonham, in the county of Fannin and State of Texas, have invented a new and Improved Lamp-Hanger, of which the following is a full, clear, and exact description.

This invention relates to improvements in lamp-hangers, particularly hangers for electric lamps; and the object is to provide a hanger of simple construction and by means of which a lamp may be easily adjusted and held as to height.

I will describe a lamp-hanger embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both figures.

Figure 1 is a longitudinal section on the line *x x* of Fig. 2, and Fig. 2 is a section on the line *y y* of Fig. 1.

The lamp-hanger comprises an outer casing or tube 1, which has a flaring or funnel-shaped upper end designed to be attached to a ceiling or the like, and fixed within the tube or casing 1 is a guide-tube 2, the upper end of said guide-tube being attached to a cross-bar 3 at the upper portion of the tube or casing 1 and the lower end attached to a cap 4 on the lower end of said tube or casing 1.

Mounted to slide in the guide-tube is a lamp-holding tube 5, and through this tube 5 the wires 6 for an electric lamp are designed to be passed when the device is used for suspending an electric lamp. The wires 6 pass over a pulley 7, attached to a cross-bar 8 in the upper portion of the tube 1, thence downward to a connection with a movable pulley 9, and thence up and out through the rosette 10 to the line extension; but the electric wires, if desired, may be passed through either one of the lateral openings 11 at the top of the tube or casing.

Attached to the pulley 9 is a chain 12, which passes through an opening 13 in the cap 4 and is guided by a pulley 14, arranged in the tube or casing near said opening 13, and extended downward at one side of the opening 13 is a finger 15, with which any link of the chain 12 may be engaged for holding the lamp in its adjusted position. This holding-finger, however, may not be inserted in all cases. For instance, if the tube 5 is friction-tight in the tube 2 it will be held in its adjusted position by such friction; but in such instance it will be necessary to draw the lamp downward manually. If it is desired that the lamp should fall by its own weight, a suitable weight may be placed on the tube 5 just above the lamp. Then as this weight moves the lamp downward it must be held by engaging the chain with the finger 15. The pulley 9 is guided in its movement by a rib on the pulley-block engaging in a channel in the guide-tube.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A lamp-hanger comprising a tube or casing, a lamp-supporting tube arranged to slide in the casing, electric conductors extending from an electric supply into said tube, a pulley in the upper portion of the casing and over which the conductors pass, and means in connection with said conductors whereby a pull may be exerted on the conductors to move the tube upward, substantially as specified.

2. A lamp-hanger, comprising a tube or casing, a guide-tube arranged in said tube or casing and rigidly connected therewith, a tube mounted to slide in the guide-tube and adapted to support a lamp, electric wires secured at the upper portion of the hanger and passing through said supporting-tube, a pulley arranged in the upper portion of the tube or casing and over which said wires pass, a loose pulley around which the wires pass, and a chain or the like attached to said loose pulley and passing through an opening in the lower cap of the tube or casing, substantially as specified.

3. A lamp-hanger, comprising a tube or casing having an opening at its upper end through which wires may pass, a guide-tube arranged in the casing, a cap on the lower end of the casing with which said guide-tube is connected, the said cap having an opening, a finger extended downward at one side of said opening, a roller in the casing above the opening, a tube mounted to slide in the guide-tube, electric wires secured at the upper por-

tion of the hanger and extended through said sliding tube, a pulley arranged in the upper portion of the casing and over which the wires pass, a loose pulley around which the wires pass, and a chain attached to said loose pulley and extended through the opening in the cap, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HERBERT L. WHITE.

Witnesses:

WILL H. EVANS,

B. A. MCKINNEY.