

(No Model.)

E. F. HERSHAW.
HANGER FOR LAMPS.

No. 563,232.

Patented June 30, 1896.

Fig. 1.

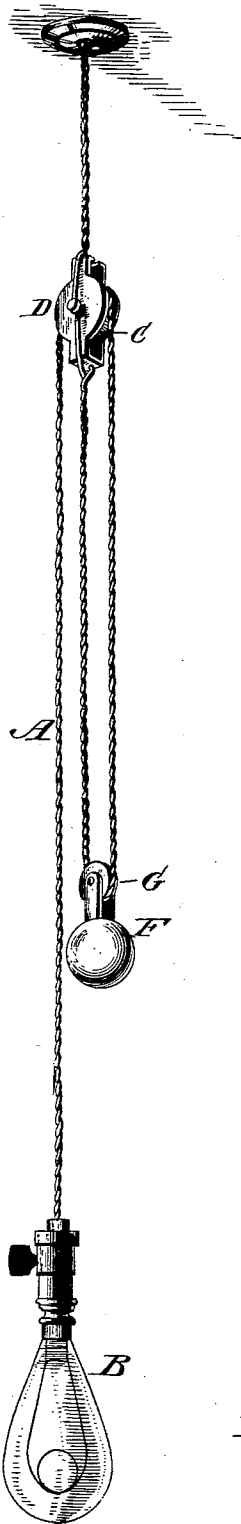
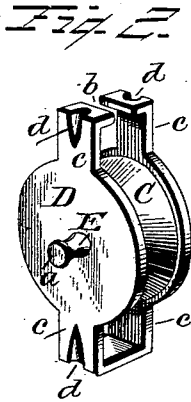
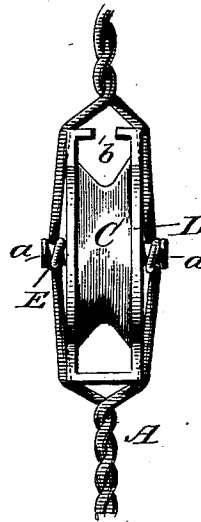


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

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HANGER FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 563,232, dated June 30, 1896.

Application filed March 13, 1896. Serial No. 583,108. (No model.)

To all whom it may concern:

Be it known that I, ERASTUS F. HERSHAW, a citizen of the United States, residing at Abingdon, in the county of Knox and State of Illinois, have invented certain new and useful Improvements in Hangers for Lamps; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has for its object to provide a simple and easily-operated hanger for electric and other lamps; and it consists in a device constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings represents a perspective view of a hanger constructed in accordance with my invention and showing it as applied to an incandescent electric lamp; Fig. 2, a detail perspective view of the pulley on an enlarged scale; Fig. 3, a front elevation of the same, showing the cords connected therewith.

In the accompanying drawings, A represents the suspending-cord, which, in the present instance, is shown as the ordinary covered electric wire to convey the current to the incandescent lamp B, which is connected therewith in the usual manner.

The cord A extends from the ceiling of a room or other stationary object to a pulley consisting of the grooved roller C and the frame D, which latter is especially constructed for the purpose.

The roller C is supported on the journal E, the ends of which project beyond the sides of the pulley-frame D and is formed with heads *a* at its extremities.

The frame D at its upper end has an open slot *b* for convenience in placing the cord A over the roller after the lamp has been con-

nected thereto or removing the cord as found necessary.

The frame D has oppositely-extending arms *c* at the sides thereof, which arms have grooved seats *d* for the suspending-cord to seat itself, as shown in Fig. 3 of the drawings.

In the present instance the suspending-cord is formed of two twisted strands, which are separated at any distance from the top and looped over the projecting ends of the journal E, the heads *a* thereon preventing the strands from slipping off.

A counterweight F is suspended from the cord A, said cord passing under and against a grooved roller G, connected thereto.

The hanger herein described enables the lamp to be adjusted to any height by pulling down upon the cord to bring the lamp to the position required, the weight F acting as a counterpoise to hold the lamp suspended in its adjusted position, or when desired to raise the lamp to a more elevated position the cord is slackened by raising the lamp with the hand, the weight then descending and drawing up the lamp.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a hanger for lamps a frame D for the pulley, having an opening *b* through its top for the removal of the wire, and raised bearings around which the conducting-wires are wrapped, combined with the pulley C, the conducting-wires A, a pulley G, counterweight F, and lamp secured to the end of the wires, A, substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ERASTUS F. HERSHAW.

Witnesses:

JAMES W. SHIPPLETT,
STERLING T. CAMP.