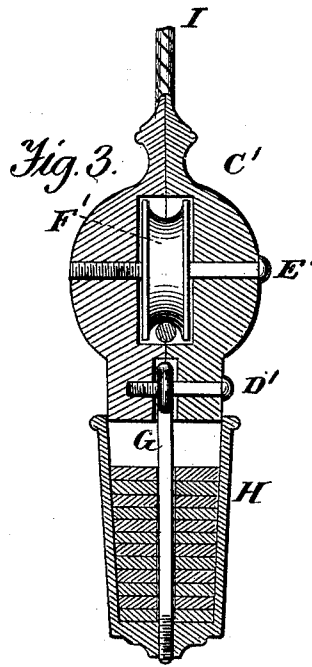
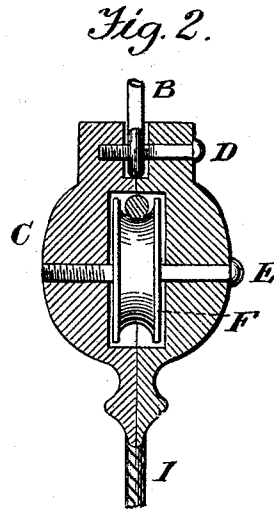
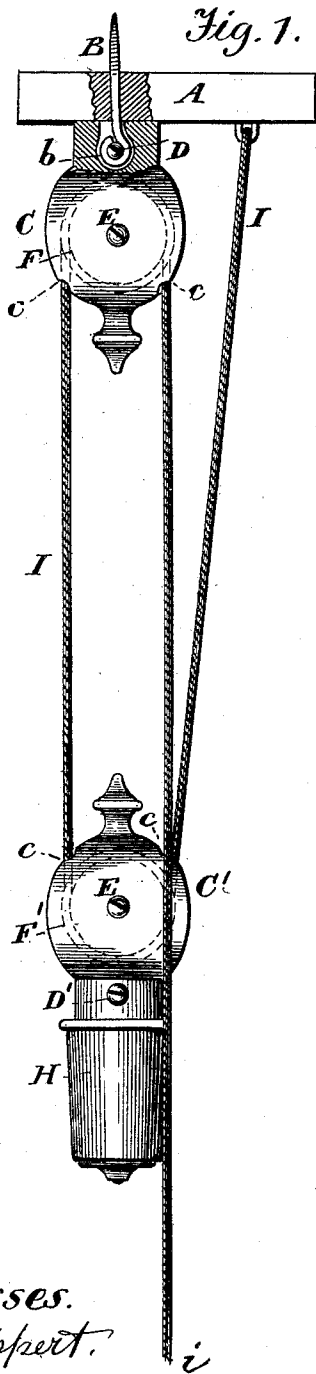


(No Model.)

J. A. MATTESON.
HANGER FOR INCANDESCENT LAMPS.

No. 460,178.

Patented Sept. 29, 1891.



Witnesses.
A. Ruppert.
Jesse J. Yeates

Inventor:
James A. Matteson
Per
Thomas R. Shipman
Atty

UNITED STATES PATENT OFFICE.

JAMES A. MATTESON, OF RIVER POINT, RHODE ISLAND.

HANGER FOR INCANDESCENT LAMPS.

SPECIFICATION forming part of Letters Patent No. 460,178, dated September 29, 1891.

Application filed December 24, 1890. Serial No. 375,710. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. MATTESON, a citizen of the United States, residing at River Point, in the county of Kent and State of Rhode Island, have invented certain new and useful Improvements in Hangers for Incandescent Lamps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The special object of my invention is to make an adjustable balance-weight hanger for incandescent lamps and analogous uses.

Figure 1 of the drawings is an elevation showing my hanger in position to suspend an incandescent lamp; Fig. 2, a vertical section in the plane of the connecting-screws of the fixed-pulley casing; and Fig. 3, a similar view of the traveling-pulley case, to which is attached the balance-weight.

In the drawings, A represents the ceiling-block, in which is arranged the screw B, with a pendent eye *b*, which enters a corresponding space in the upper part of the case C and engages with a cross-screw D, passing through the case and through the eye *b*. This case is in two preferably equal vertical sections held together by the screw D and the middle screw E, which forms the pivot for the interior pulley F. C' is a similar case provided with an interior pulley F' on a screw-pivot E' and with a screw D', which passes through the eye of a screw G, which works in a central nut made in and integral with the bottom of a weight-box H. More or less disk weights may be provided with central holes and strung on the eye-screw G, so as to form the desired balance. Each of the cases C C' is provided with two

holes *c c*, through one of which the wire or cord enters, while it passes out at the other. On the case C the holes are at the lower end, while in case C' they are at the upper end.

I is a cord or wire having one end made fast to the ceiling-block A, while the other *i* is secured to the incandescent lamp which is to be suspended from the ceiling. The wire or cord I passes over the top of the pulley C and around the bottom of the traveling pulley C', both pulleys being grooved peripherally, so as to always retain the wire or cord in its proper position.

When the weights on the screw G are adjusted to form a true balance for the lamp, the latter may be readily placed at any desired elevation and when not in use may be raised out of the way to its maximum height.

Having thus described my invention, what I claim as new is—

In hangers for incandescent lamps or analogous uses, a counter-weight consisting of the box H, the eyebolt G, screwing centrally into the bottom of said box, the disk weights strung on said eyebolt, the ceiling-block A, having a screw-eye B, and the wire or cord I, attached at one end to said block, in combination with the two similar cases C C', carrying interior grooved pulleys F F, connected by said wire or cord, and each provided with two holes *c c* and the cross-screws D E, the screws being arranged to engage the eye-screws B G, as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES A. MATTESON.

Witnesses:

E. C. CAPWELL,
EUGÈNE PENNY.