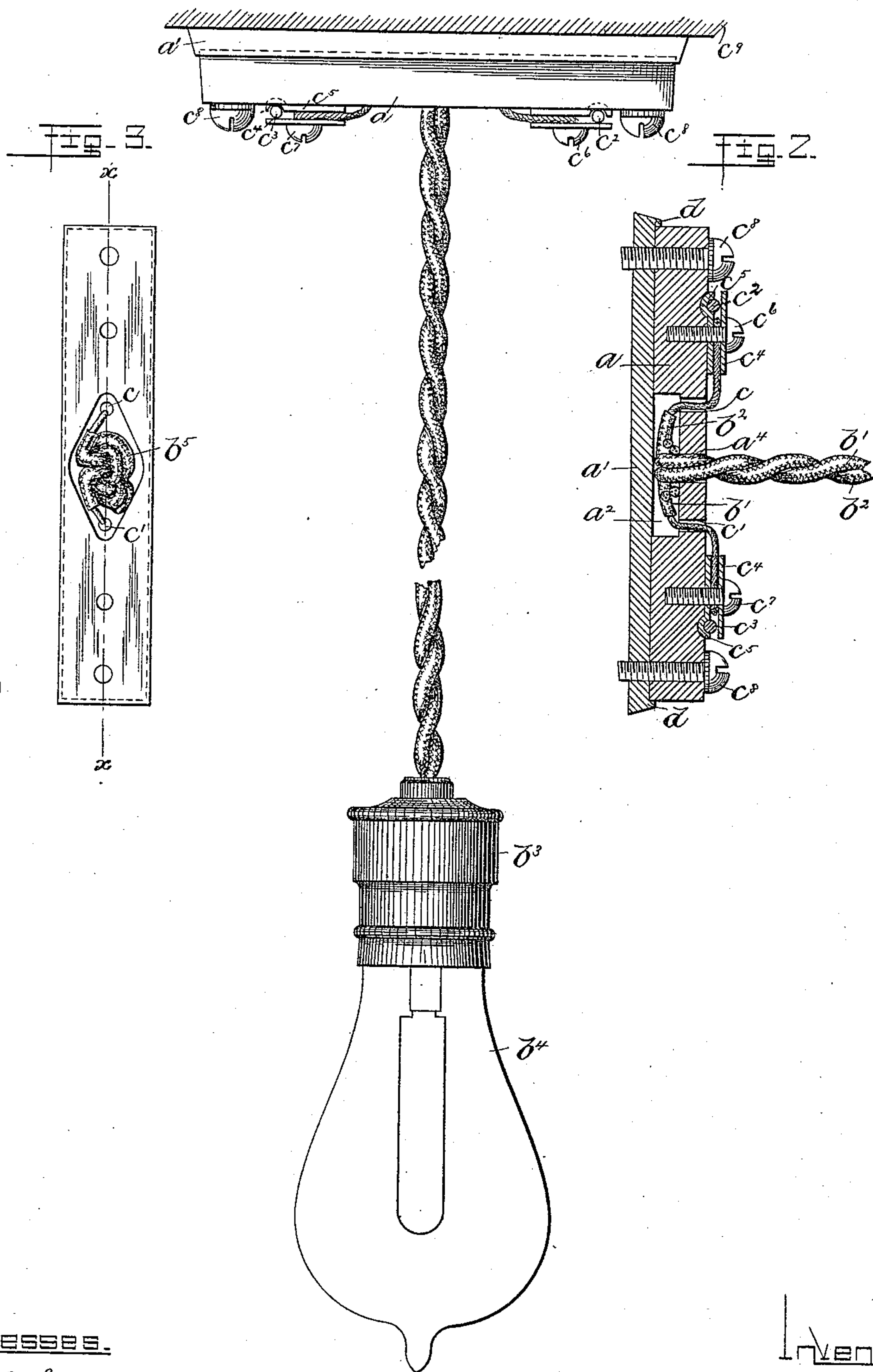


(No Model.)

A. R. BUSH.
PENDENT CLEAT.

No. 442,746.

Fig. I. Patented Dec. 16, 1890.



Witnesses.
Geo. C. Huntington
Edgar A. Goddard

Inventor.
A. R. Bush,
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Attys

UNITED STATES PATENT OFFICE.

ARTHUR R. BUSH, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO PAINE & FRANCIS, OF SAME PLACE.

PENDENT CLEAT.

SPECIFICATION forming part of Letters Patent No. 442,746, dated December 16, 1890.

Application filed June 4, 1890. Serial No. 354,222. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR R. BUSH, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Pendent Cleats, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to provide a pendent cleat especially adapted to be used as a substitute for rosettes, by which incandescent electric lights may be suspended.

My improved pendent cleat is more particularly designed for use in mills, factories, and like buildings, especially on high-tension circuits.

The particular features of my invention will be pointed out in the claim at the end of this specification.

Figure 1 represents in elevation a pendent cleat embodying my invention as secured to the ceiling and having suspended from it an incandescent lamp; Fig. 2, a longitudinal section through the center of the cleat, the section being supposed to be taken on line $x x$, Fig. 3; and Fig. 3, a top or plan view of the lower part or member removed.

My improved pendent cleat is preferably composed of two blocks or members $a a'$, of mica, porcelian, or other insulating material. The member a is preferably made oblong in shape, and on its rear side, preferably near the longitudinal center of the same, the said member is provided with a cavity or recess a^2 , extended, preferably, about half-way through the said member. The member a is provided with a hole or opening a^4 , through which are passed the usual insulated wires $b' b^2$, connected to the socket b^3 of the incandescent lamp b^4 . The wires $b' b^2$ are preferably tied into a knot b^5 within the recess a^2 , and the ends of the said wires are bared or uncovered, and the said uncovered ends are passed out through suitable holes $c c'$ and electrically joined to the line-wires $c^2 c^3$, preferably by metallic washers $c^4 c^5$, which are clamped together and secured

to the member a by binding-screws $c^6 c^7$. The member a is secured, as herein shown, to the member a' by screws c^8 , which are extended through the member a' and into the ceiling of the mill-room or other structure. The member a' is preferably provided with a flange or lip d , within which the member a is fitted. I prefer to employ the member a' , but it is evident the ceiling itself may constitute the said member. By means of the knot b^5 strain is removed from the ends of the wires connected to the binding-screws.

My improved pendent cleat is simple in construction, cheap, and efficient in operation, and can be very quickly and easily placed in position, thereby effecting a very considerable saving in the cost of wiring a mill, factory, or other building.

I prefer to make the member a of insulating material, but I do not desire to limit myself in this respect, as the said block might be made of metallined with insulating material—such, for instance, as mica or asbestos.

I claim—

The combination, with a pendent cleat consisting of the members $a a'$, the member a having a cavity a^2 on its rear side and provided with holes $a^4 c c'$, extended from said cavity to the outside of the member a , binding-screws secured to the member a , and screws c^8 , to secure the member a to the member a' , of an incandescent electric light having its insulated wires $b' b^2$ extended through the hole a^4 into the cavity and provided therein with a knot b^5 , the ends of the said wires being extended out through the holes $c c'$ and secured to the binding-screws c^8 , substantially as described.

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

ARTHUR R. BUSH.

Witnesses:

JAS. H. CHURCHILL,
EMMA J. BENNETT.