

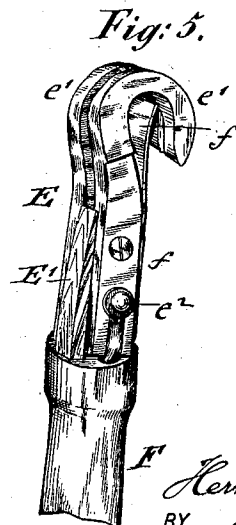
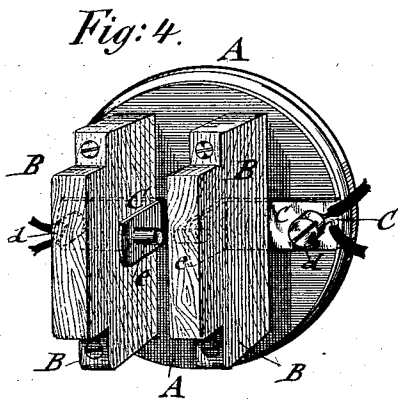
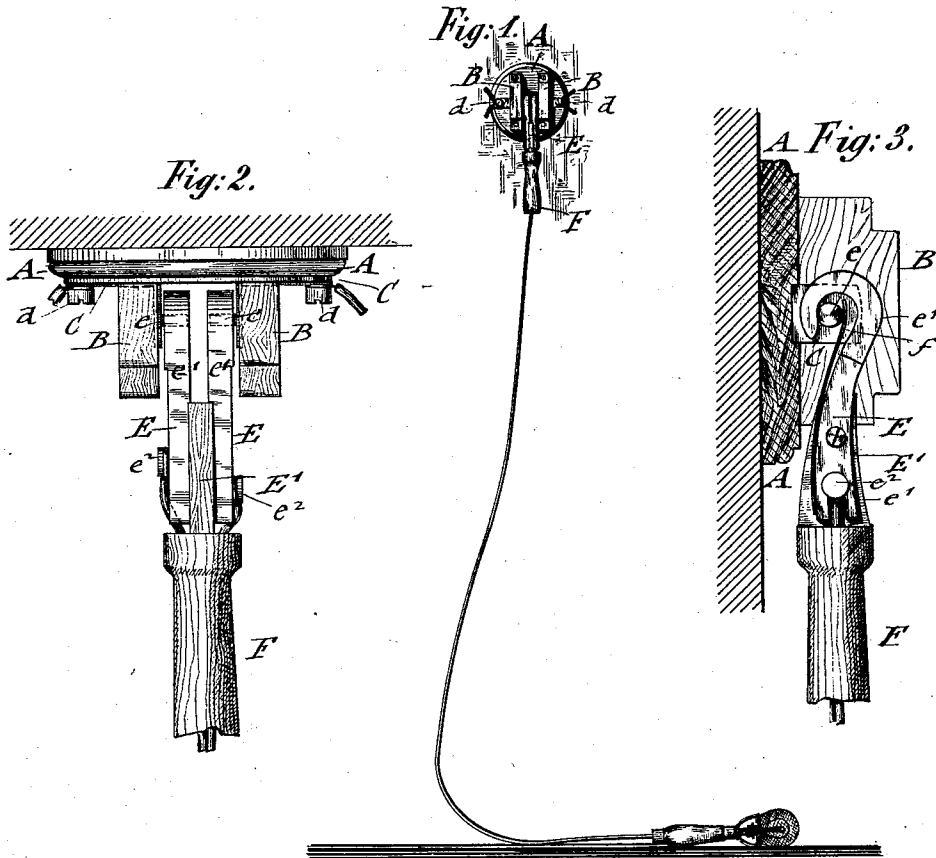
(No Model.)

H. MOLENDÓ.

RECEPTACLE FOR PORTABLE ELECTRIC LAMPS.

No. 477,810.

Patented June 28, 1892.



WITNESSES:

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RECEPTACLE FOR PORTABLE ELECTRIC LAMPS.

SPECIFICATION forming part of Letters Patent No. 477,810, dated June 28, 1892.

Application filed April 21, 1892. Serial No. 429,999. (No model.)

To all whom it may concern:

Be it known that I, HERRMAN MOLENDO, a citizen of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Receptacles for Portable Electric Lamps, of which the following is a specification.

This invention relates to an improved receptacle for portable electric lamps by which not only the connection of the conducting-wires with the receptacle may be made in a quick and convenient manner without any short-circuiting, but which may be applied with equal facility either to the ceiling or wall of a cellar, vault, or other place to be lighted; and the invention consists of a receptacle for portable electric lamps which is provided with projecting brackets or blocks and metallic angle-pieces that extend across the base of the blocks and over the inner face of the same, said angle-pieces being provided with short pivot-pins in line with each other, on which the hook-shaped conductor is hung to which the wires leading to the portable lamp are attached, said hook-shaped conductor being formed of two insulated pieces having hook-shaped ends, each of which is provided with a flat binding-spring for securing the reliable contact of the hooks with the pivot-pins, so that the current is properly conducted to the electric lamp, as will be fully described hereinafter, and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved receptacle for portable electric lamps, showing its connection with a lamp. Fig. 2 is a side elevation of my improved receptacle, showing the same attached to the ceiling of the vault or other space to be lighted. Fig. 3 is a vertical central section showing the receptacle applied to the wall of the space to be lighted. Fig. 4 is a perspective view of the receptacle, and Fig. 5 is a perspective view of the detachable conductor by which the portable lamp is connected with the receptacle.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the disk-shaped base of my improved receptacle for portable electric lamps, and B B two

brackets or blocks, which are attached to the base A by suitable screws and which are arranged parallel with each other and made, preferably, of wood or other insulating material. To the base B are attached at diametrically-opposite points metallic angle-pieces C, to which the conducting-wires are attached by binding-screws *d*. The inner ends of the angle-pieces C extend along the inner faces of the brackets or blocks B and are provided with short pivots *e*, which are arranged in line with each other, said pivots serving to support a hook-shaped conductor E, by which the connection of the receptacle or socket with the portable lamp is made. The hook-shaped conductor E is formed of two hook-shaped pieces *e'*, of suitable conducting metal, which are separated by an insulating-piece *E'*, that extends from the handle F, through which the conducting-wires, that are attached by binding-screws *e*² to the shanks of the hook-shaped pieces *e'*, are conducted, as shown clearly in Figs. 2 and 3.

The electric lamp is applied to a suitable holder and surrounded by a protecting guard-screen in the usual manner, the lamp being suspended from a suitable support or placed on the floor or disposed in any other manner, according to the work to be done. To the shanks of the hook-shaped pieces *e'* are applied springs *f*, the free ends of which extend in the bent portions of the hooks, so that when the hook-shaped pieces are hung on the pivots of the angle-pieces C their bent ends are retained by the springs in close contact with the pivots *e*, so that the current passes from the angle-pieces to the hook-shaped pieces and from the latter to the lamp in a reliable manner whether the hook-shaped conductor is suspended at right angles to the base, as shown in Fig. 2, or parallel to the base, as shown in Figs. 1 and 3.

My improved receptacle for portable electric lamps has the following advantages: first, that it can be applied either to the wall or ceiling of the space to be lighted, as found most convenient; secondly, that the connection of the hook-shaped conductor with the receptacle can be made with equal facility whether the same is applied to the ceiling or wall, the shape of the conductor indicating even to the most inexperienced hand

the mode of using the same, as it is obvious to any one that the hook-shaped conductor has to be suspended from the pivots; thirdly, that no short-circuiting can take place, as the connection of the conductor with the pivots of the receptacle can only be made by the hook-shaped conductor, the blocks being placed close enough together so that the hooked-shaped conductor cannot be accidentally introduced into the space between the blocks when being placed sidewise across the face of the blocks; fourthly, that no accidental detaching of the hook-shaped conductor from the receptacle can take place, and, lastly, that a reliable contact between the pivots of the angle-pieces and the hook-shaped conductor is always secured by the action of the springs applied to the shanks of the hook-shaped conductor.

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

1. A receptacle for portable electric lamps, composed of a base, parallel blocks attached to said base, and metallic angle-pieces attached to the base and extending over the inner faces of the blocks, said angle-pieces being connected with the conducting-wires at their outer ends and provided at their inner ends with pivots arranged in line with each other, substantially as set forth.

2. The combination of a receptacle composed of a base, parallel blocks on said base, and conducting angle-pieces attached to the base and extending over the inner faces of the blocks, said angle-pieces being provided with pivots at their inner ends and in line with each other, with a hook-shaped conductor formed of two hook-shaped pieces insulated from each other, and provided with conducting-wires, said hook-shaped pieces being adapted to be placed over the pivots of the angle-pieces, substantially as set forth.

3. A hook-shaped conductor for making connection with receptacles for portable electric lamps, said conductor being composed of two hook-shaped pieces which are insulated from each other, a handle for said hook-shaped pieces, conducting-wires applied to the shanks of the hooks, and flat springs attached to the hook-shaped pieces and extended into the bent ends of the same, so as to produce the contact of said bent ends with the pivots of the receptacle, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

HERRMAN MOLENDO.

Witnesses:

FRANK A. EHRET,
JOHN B. HASSLOCHER.