No. 860,059. PATENTED JULY 16, 1907.

G. GAUTIER, DEC'D.

L. RÉMOND, ADMINISTRATOR.

ELECTRIC LIGHT BRACKET.

APPLICATION FILED NOV. 28, 1906.

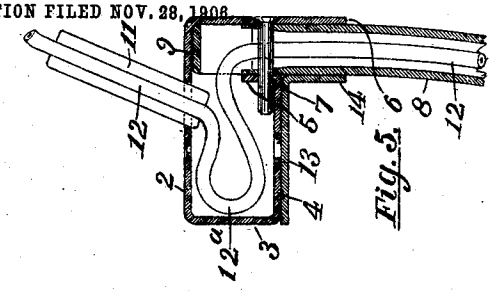


Fig. 5.

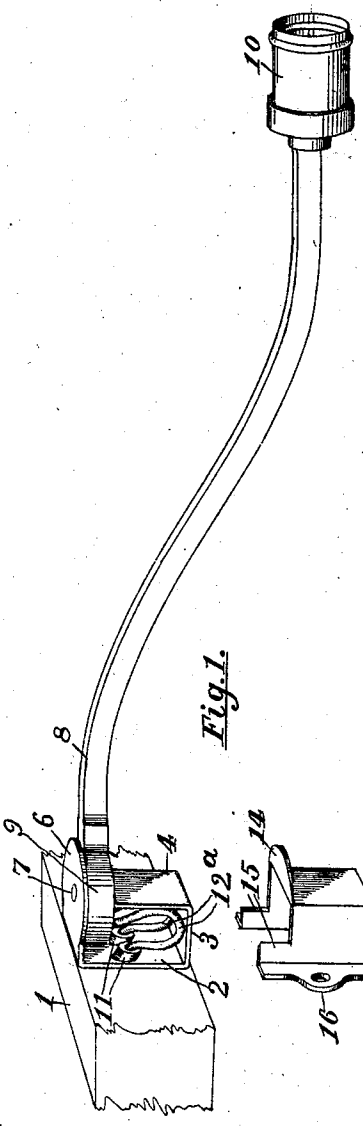


Fig. 1.

Fig. 2.

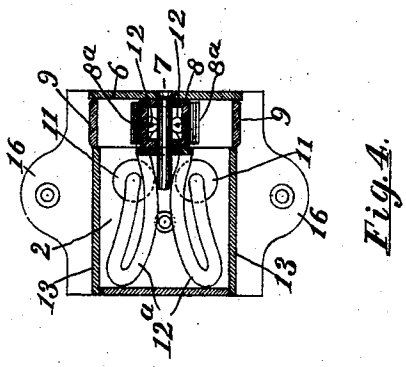


Fig. 4.

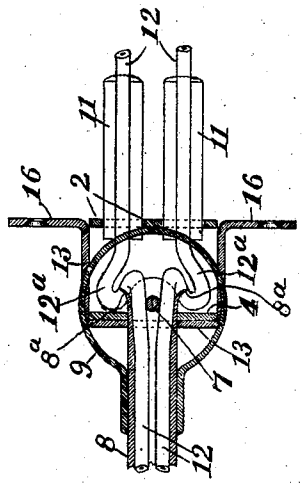


Fig. 3.

Witnesses

Palmer Jones.

Georgiana Chace

Inventor

Gustave Gautier,

Deceased.

By Louis Rémond

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By Luther V. Moulton

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UNITED STATES PATENT OFFICE.

LOUIS RÉMOND, OF GRAND RAPIDS, MICHIGAN, ADMINISTRATOR OF GUSTAVE GAUTIER, DECEASED, ASSIGNOR TO GRAND RAPIDS SHOW CASE COMPANY, OF GRAND RAPIDS, MICHIGAN, A CORPORATION OF MICHIGAN.

ELECTRIC-LIGHT BRACKET.

No. 860,059. Specification of Letters Patent. Patented July 16, 1907.

Application filed November 28, 1906. Serial No. 345,557.

To all whom it may concern:

Be it known that GUSTAVE GAUTIER, deceased, late a citizen of the Republic of France, residing at Grand Rapids, in the county of Kent and State of Michigan, United States of America, having invented certain new and useful Improvements in Electric-Light Brackets, I, LOUIS RÉMOND, administrator of the estate of said GUSTAVE GAUTIER, 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.

This invention relates to improvements in electric light brackets, and its object is to provide a movable bracket that will not tend to break the wires for the electric light; to inclose and protect said wires; and to provide the device with various new and useful features hereinafter more fully described and particularly pointed out in the claims, reference being had to the accompanying drawings, in which:

Figure 1. is a perspective of a device embodying my invention, with the case removed; Fig. 2. a perspective of the case; Fig. 3. a horizontal section of a portion of the device; Fig. 4. a vertical section of the same; and, Fig. 5. a vertical section taken at right angles to that of Fig. 4.

Like numerals refer to like parts in all of the figures.

1 represents any convenient support for the device, such as a portion of a bookcase, desk or other article of furniture, or a portion of the wall of a building to which my device may be attached. Secured to this support in any convenient manner is a hollow bracket consisting of a plate of sheet metal folded at right angles into various portions, to-wit, a rear vertical portion 2, perforated to receive the wires and insulation and adapted to be attached to the support 1, a bottom portion 3, front portion 4, horizontal top portion 6, and the horizontal portion 5 at the end of the vertical portion 4 opposite the portion 6, and also spaced apart therefrom.

Between the parts 5 and 6 is pivoted the inner end of a tubular arm 8, by means of a vertically disposed pivot 7 extending through said arm and through the portions 5 and 6 of the bracket. The inner end of this arm is preferably flared as at 8^a to prevent cutting the insulation of the wires.

9 is a circular head surrounding the inner end of the arm 8 and secured thereto, being arranged concentric with the axis of the pivot 7.

10 is a socket to receive an electric light, and supported on the outer and movable end of the arm 8; 11 are insulating tubes extending through the support 1 and back portion 2 of the bracket, within which tubes are inserted the conducting wires 12 for the electric light, which wires also extend within the tubular arm 8 to the socket 10, where they may be connected to the electric light in the usual way. To prevent breakage of these wires by movement of the arm 8 about its pivot 7, said wires are provided with a considerable slack portion between the insulation 11 and the arm 8 and extend downward within the bracket and casing in the form of loops 12^a, which loops are sufficiently flexible and yielding to permit turning the arm freely about its pivot without any tendency whatever to break these wires.

Inclosing the bracket is a casing 13 provided with a forwardly extended portion 14 beneath the head 9, and upwardly extended portions 15 at each side thereof, to form a closure for the sides and front of the bracket. This casing is secured in place by being provided with outwardly extended flanges 16, through openings in which screws may be inserted in the support 1. By this construction I am able not only to swing the arm freely about its pivot without risk of breaking wires, but said wires are also fully inclosed and protected within the chamber formed by the bracket, and the tubular arm.

What I claim is:—

1. The combination of a bracket comprising a plate of sheet metal folded to form top, rear, bottom and front portions and having the upper end of the front portion extended inward beneath the top portion and spaced apart therefrom, a tubular arm pivoted in the bracket between the top portion and said extension, and a socket on the other end of the arm.

2. The combination of a bracket formed of a strip of sheet metal bent to form four sides of a hollow body, inwardly extended at the top of the front side and spaced apart from the top side, a tubular arm having one end between said spaced apart portions, a vertically disposed pivot pin extending through said portions and through the arm, a circular head on the arm and concentric with the pin, and a case to close the sides of the bracket.

3. The combination of a hollow bracket open at the opposite sides and having horizontal parallel upper portions spaced apart, a hollow tubular arm pivoted between said upper portions, a circular head on the arm, a case to close the sides of the bracket and having a forwardly projecting portion beneath the arm and an outwardly projecting portion at each side.

4. The combination of a bracket, consisting of sheet metal folded to form top, rear, bottom and front portions, and an inward extension at the top of the front portion, a tubular arm pivoted at one end in the bracket between the said top and front portions, a circular head on the inner end of the arm; a socket on the outer end of the arm, and a case to close the sides of the bracket, said case having a front extension beneath the head, upward extension at the sides of the head, and outward extensions to secure it in place.

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

LOUIS RÉMOND,
Administrator of estate of Gustave Gautier, deceased.

Witnesses:
JOSEPH KIRWIN,
PALMER A. JONES.