March 17, 1925. 1,530,267

S. M. ISRAEL

ADJUSTABLE SUPPORT FOR ELECTRIC LIGHTS

Filed April 4, 1924 2 Sheets-Sheet 1

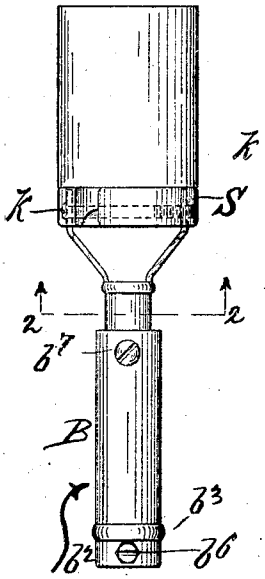


Fig. 1.

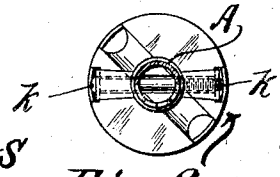


Fig. 2.

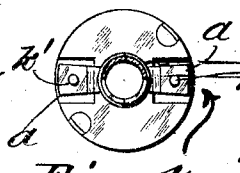


Fig. 4.

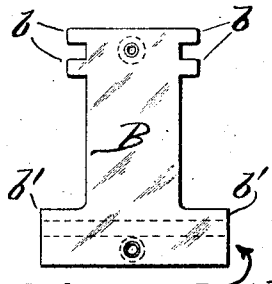


Fig. 7.

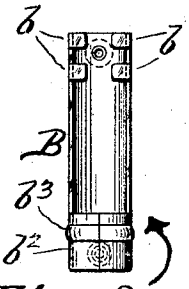


Fig. 8.

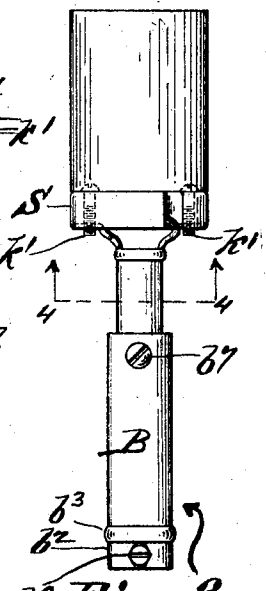


Fig. 3.

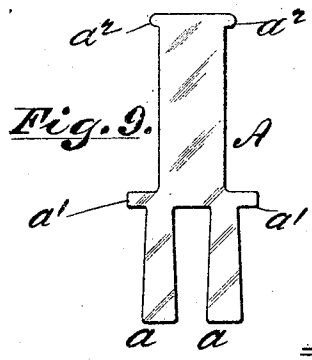


Fig. 9.

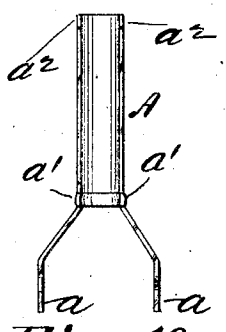


Fig. 10.

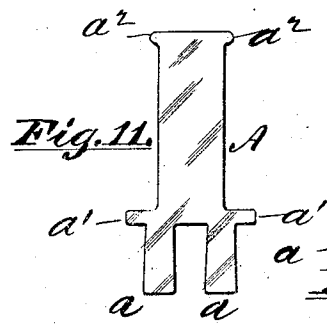


Fig. 11.

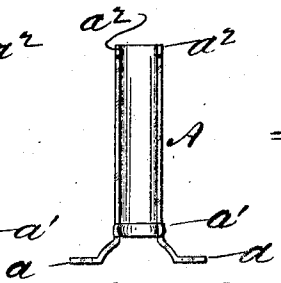


Fig. 12.

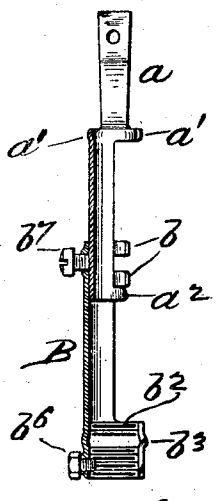


Fig. 6.

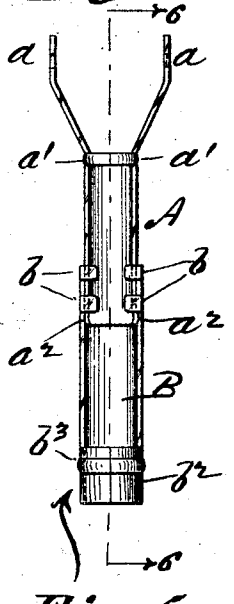


Fig. 5.

Inventor:
Sidney M. Israel,
By his Attorney, Geo. W. Hiatt

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S. M. ISRAEL

ADJUSTABLE SUPPORT FOR ELECTRIC LIGHTS

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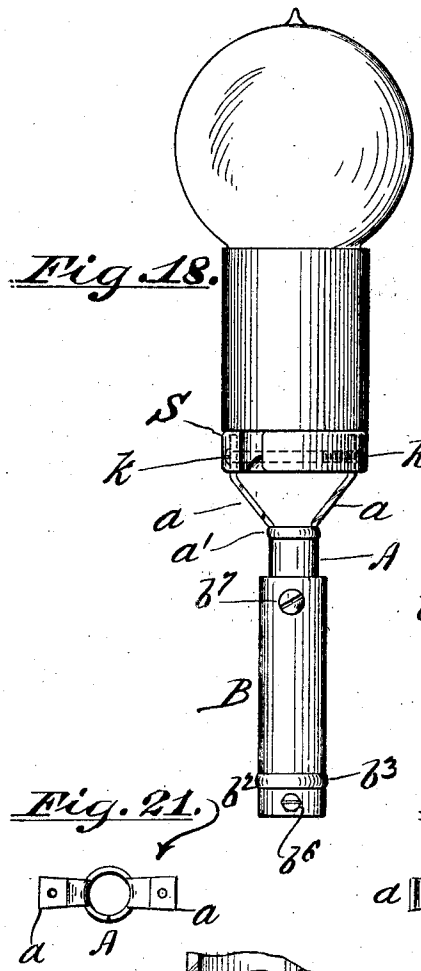


Fig. 18.

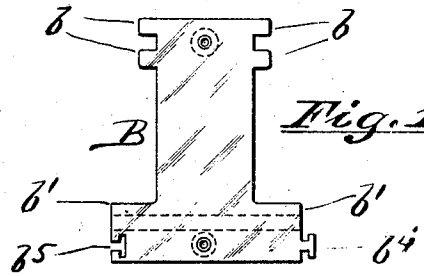


Fig. 14.

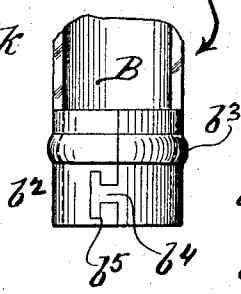


Fig. 15.

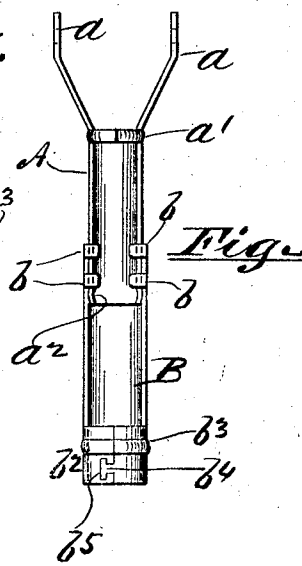


Fig. 13.

Fig. 21.

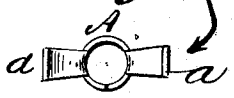


Fig. 20.

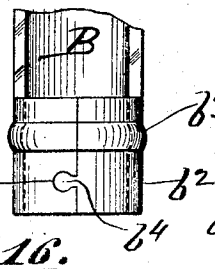


Fig. 16.

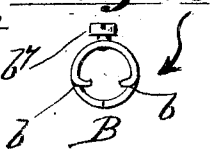


Fig. 19.

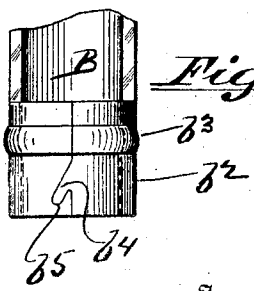


Fig. 17.

Inventor:
Sidney M. Israel,
By his Attorney, Leo. McGrath

Patented Mar. 17, 1925. 1,530,267

UNITED STATES PATENT OFFICE.

SIDNEY M. ISRAEL, OF WOODHAVEN, NEW YORK.

ADJUSTABLE SUPPORT FOR ELECTRIC LIGHTS.

Application filed April 4, 1924. Serial No. 704,146.

To all whom it may concern:

Be it known that I, SIDNEY M. ISRAEL, a citizen of the United States, and a resident of Woodhaven, county of Queens, city and State of New York, have invented certain new and useful Improvements in Adjustable Supports for Electric Lights, of which the following is a specification sufficient to enable those skilled in the art to which the invention appertains to utilize the same.

My improvements relate to the class of electric light fixtures designated in Letters Patent No. 1,475,768, issued to me Nov. 21, 1923, such fixtures being utilized more particularly for the support of electric lamp bulbs intended to simulate the use of candles in a manner now well known in the art, my present invention being designed to adapt the type of fixture described and claimed in said Letters Patent more effectually to the exigencies and requirements of actual use, and consisting in the specific construction, combination and arrangement of parts described and claimed herein whereby such adaptability is attained, and the fixture rendered more positive in character, all as hereinafter fully set forth.

In the accompanying drawings I exemplify a practical embodiment of the essential features of my invention in an adjustable lamp support consisting of a one-piece basic section and a one-piece extension section, each of said sections being made from a blank of sheet metal die formed and bent into the requisite shapes, with interlocking parts as related to each other, although I do not limit myself to the identical configuration of parts thereof shown, since modifications in minor details and mechanical expedients may be resorted to with like result, and without departing from the spirit and intent of my invention in this respect.

With this understanding:—

Fig. 1, represents a side elevation of my improved adjustable lamp support as formed with bifurcated arms for attachment to a lamp socket by means of a single screw;

Fig. 2, is a sectional elevation taken upon plane of line 2—2 Fig. 1;

Fig. 3, is a view similar to Fig. 1, showing my adjustable lamp support formed with bracket arms adapted for connection with a lamp socket provided with two securing screws;

Fig. 4, is a sectional elevation taken upon plane of line 4—4 Fig. 3;

Fig. 5, is what may be called a front view of the adjustable lamp support shown in Figs. 1 and 2;

Fig. 6, is a sectional elevation taken upon plane of line 6—6 Fig. 5;

Fig. 7, is a view of the metallic blank used in the formation of the basic section of my lamp support;

Fig. 8, is a front elevation of said blank as bent into the requisite shape for use in conjunction with the upper or adjustable fixture of my lamp support;

Fig. 9, is a view of the metallic blank used in the formation of the adjustable upper section shown in Figs. 1 and 2;

Fig. 10, is a front elevation thereof as bent into requisite shape for use;

Fig. 11, is a view of the metallic blank used in the formation of the adjustable member shown in Figs. 3 and 4;

Fig. 12, is an elevation of said blank as bent into the requisite shape for use;

Fig. 13, is a front elevation of the adjustable lamp support illustrated in Figs. 1 and 2, showing a modification in the construction of the basic member;

Fig. 14, is a flat view of the blank used in the formation of the basic member shown in Fig. 13;

Fig. 15, is an enlarged view of the lower portion of said basic member, to more clearly illustrate the interlocking of the conjunctive edges of the tubular socket of said base member;

Figs. 16 and 17, are views similar to Fig. 15, showing modifications in the formation of the interlocking edges of said tubular portion of the basic member;

Fig. 18, is an elevation illustrating the use of my lamp and socket support;

Fig. 19, is an elevation of the upper end of the basic member of the fixture;

Fig. 20, is an elevation of the upper end of the adjustable member as formed with socket arms such as shown in Figs. 1, 2 and other figures.

Fig. 21, is an elevation of the upper and of the adjustable member formed with socket arms such as shown in Figs. 3 and 4.

The lower basic or socket member B, of my improved extensible lamp support is formed from a single blank of sheet metal, stamped out substantially as shown in Figs. 7 and 14, and is then bent into tubular form as shown more particularly in Fig. 19, of the drawings. Said blank is formed with

tongues b, b, which are inturned for the purpose of maintaining the alignment of the adjustable upper member A, of the device. The lower part of the blank B, is formed with lateral extensions b', b', which are inturned to form the cylindrical socket b^2, which is internally screw threaded as shown more particularly in Fig. 6, for attachment to the usual tubular wire conduit, not shown. In order to stiffen and reinforce this threaded cylindrical socket b^2, it is formed with an annular bead b^3; and in order to prevent any possibility of the separating apart of the abutting edges of the cylindrical socket b^2, I prefer to form the latter with interlocking parts, substantially as indicated in Figs. 13, 14, 15, 16 and 17 of the drawings, in which b^4, represents a coupling tongue, and b^5, a correspondingly shaped recess for the reception of, and engagement with, said tongue b^4. Thus the perfect cylindrical shape of the screw socket b^2, is assured against lateral strain upon the socket member B, and reinforced against the action of the binding screw b^6, which latter is provided for the purpose of preventing the turning of said socket member B, on its central longitudinal axis after attachment to the aforesaid electric wire conduit. The upper part of the basic member B, is also provided with a set and binding screw b^7, by means of which the upper or lamp socket section A, of the device is adjustably held in position on the basic section B, as shown more particularly in Fig. 6, of the drawings, said set screw b^7, acting in conjunction with the inturned lugs b, b, in this respect.

The adjustive upper section A, of the device, to which the lamp socket S, is attached in use, is also formed from a single blank of sheet metal such as shown in Figs. 9 and 11, of the drawings, the only difference in the two shapes of blanks shown being that the bracket extensions a, a, are longer in that shown in Fig. 9, for the purpose of utilization as a means of securing the lamp socket S, between them by means of a single coupling screw k, as indicated in Figs. 1, 2 and 18, whereas the ends of the shorter extensions a, a, shown in Fig. 11, are bent over at right angles as shown in Fig. 12, to afford means of attachment to the lamp socket S, by the use of separate screws k', k', as indicated in Figs. 3 and 4. By this variation in the shape and length of the lamp socket supporting arms a, a, the device is adapted to the support of lamp sockets of various manufacture.

The blank A, is also formed with lateral lugs a', a', adjacent to the extensions a, a, which lugs a', a', are inturned and beaded to reinforce said lamp socket supporting arms a, a, as shown more particularly in Fig. 6, of the drawings, which figure also illustrates the function of the inturned lugs a^2, a^2, in acting as stops in conjunction with the inturned tongues b, b, of the basic member B, to prevent the separation of the two members A, B, of the device.

What I claim as my invention and desire to secure by Letters Patent, is:—

As an article of manufacture, an adjustable support for electric lamps of the character designated, comprising a basic member consisting of a single piece of sheet metal bent into tubular shape and formed with an internally threaded and annularly beaded socket at its lower extremity, and with inturned retaining lugs at its upper extremity, a set screw positioned to act in conjunction with said internally threaded socket, an adjustable member consisting of a single piece of sheet metal, said adjustable member being mounted upon said basic member and formed with extension arms for attachment to a lamp socket, and also being formed with inturned stop lugs and an adjustable set screw mounted on the upper portion of the basic member and bearing against said adjustable member, substantially in the manner and for the purpose set forth.

SIDNEY M. ISRAEL.

Witnesses:
GEO. WM. MIATT,
MATHILDA STENERNAGEL.