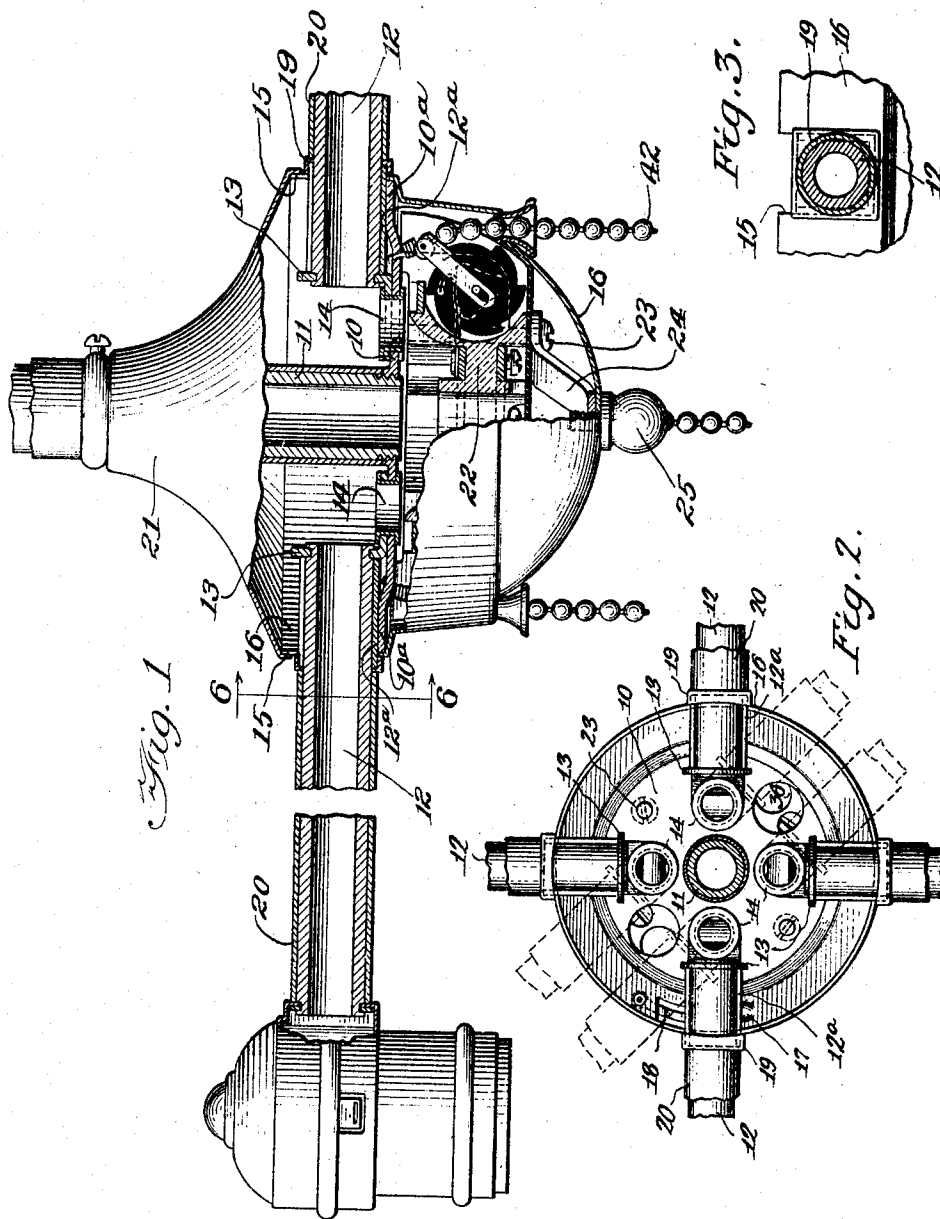


1,016,317.

Patented Feb. 6, 1912.



Witnesses:-
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UNITED STATES PATENT OFFICE.

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ELECTROLIER.

1,016,317.

Specification of Letters Patent.

Patented Feb. 6, 1912.

Application filed December 27, 1909. Serial No. 535,162.

To all whom it may concern:

Be it known that I, REUBEN B. BENJAMIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Electroliers, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

My invention relates to electroliers, and has as its object the provision of a device of this character which will be simple and convenient to manufacture, which may be packed into small compass for shipping purposes, and which will form a strong and substantial structure when set up for use.

For an understanding of my invention reference is to be had to the following description and the accompanying drawings, in which I have illustrated one of the forms in which the invention may be embodied.

In the drawings, Figure 1 is a partially sectional elevation of an electrolier constructed in accordance with my invention, Fig. 2 is a plan of the same with the hood removed; Fig. 3 is a fragmentary section taken on the line 3—3 of Fig. 1.

Referring now to the drawings, 10 is a supporting plate or member adapted to be secured to the lower end of a conduit such as 11. To this plate are hinged the hollow lamp socket supporting arms 12, the hinged connection being effected by securing L-shaped extensions 13 upon the ends of the arms 12 and connecting these extensions to the supporting plate 10 by means of hollow rivets 14 passing through suitable holes formed in the supporting plate 10 and the respective extensions 13.

In order that the arms 12 may be supported in a horizontal plane, the supporting plate is bent upwardly at its periphery to form an elevated flange 10^a, and a sleeve 12^a is placed upon each arm 12. These sleeves 12^a rest upon the flange 10^a and the arms are thereby properly supported. The hollow rivets 14 are of sufficient diameter to enable the conductors leading from the lamp sockets and extending through the arms 12 to be passed through them and attached to suitable binding terminals carried by a base which is secured beneath the supporting plate 10. The effect of this con-

struction is that the arms 12 may be swung about the hinges formed by the rivets 14 into the position shown in dotted lines in Fig. 2, in which position the whole device is of a convenient size and shape for packing. When, however, the electrolier is to be set up for use, the arms are swung into the position shown in full lines in Fig. 2.

In order to lock the arms in their extended position (shown in full lines in Fig. 2), they are made to fit into properly located slots 15 formed in a removable casing 16 which is adapted to cover the support plate 10 and the parts carried thereby. The slots 15 space the arms properly relatively to one another, but in order to give rigidity to the whole it is desirable that at least one of the arms should be positively locked in position relatively to the support plate 10. To this end the plate 10 is formed with a boss 17 so disposed that the sleeve 12^a of one of the arms 12 will strike it when the arm is moved into its extended position. On the other side of this arm is placed a spring catch 18 adapted to retain the arm in its extended position. This catch may be depressed manually when, if the casing 16 be removed, the arm may be swung to the position shown in dotted lines in Fig. 2.

In order to impart a presentable appearance to the device the arms 12 are provided with dished caps 19 of such shape as to conform to the curvature of the casing 16. These caps cover the edges of the slots 15 when the arms are located in the slots. The caps are clamped in the correct position upon the arms between the ends of the sleeves 12^a and the ends of finishing tubes 20 with which the arms are provided. A hood or cover 21 is provided for giving a finished appearance to the device. This hood is adapted to fit over the upper end of the casing 16 and be secured in place by a suitable set screw engaging the conduit 11.

In the form of electroliers shown in the drawings, the support plate 10 has secured thereto by means of screws 23, a base 22 which carries a number of pull switches, one for each lamp socket, as set forth in my co-pending application, filed March 10th, 1911, and having Serial No. 613,571, which is a division of the present application. The screws 23 which secure the base 22 to the support plate 10 also serve to secure in po-

sition upon the under side of the base 22, a bridge 24, to which latter the casing 16 is attached by means of a suitable thumb screw 25.

5 Having thus described my invention, what I claim as new and desire to secure by Let-Patent, is:

10 1. An electrolier comprising a support member adapted to be connected to a conduit or the like, a plurality of lamp-socket-carrying members hingedly connected with said support member, and spacing means, insertible between said socket-carrying members for maintaining them in a determinate position relatively to one another.

20 2. An electrolier comprising a support member, a plurality of lamp-socket-carrying members hingedly connected with said support member so as to be capable of swinging in a plane substantially parallel to the plane of said support member, means for releasably locking one of said socket-carrying members in a determinate position relatively to said support member, and means for releasably locking said socket carrying members in a determinate position relatively to one another.

30 3. An electrolier comprising a support member, a plurality of lamp-socket-carrying members hingedly connected with said support member so as to be capable of swinging in a plane substantially parallel to the plane of said support member, and a casing adapted to be placed over said support member,

said casing having recesses for receiving said lamp-socket-carrying members. 35

4. An electrolier comprising a support member, a plurality of lamp-socket-carrying members hingedly connected to said support members so as to be capable of swinging in a plane substantially parallel to the plane of said support member, means for locking one of said socket-carrying members in a determinate position relatively to said support member, and a casing adapted to inclose said support member, said casing having a plurality of recesses for receiving said lamp-socket-carrying members and thereby maintaining them in a determinate position relatively to one another. 40 45

50 5. An electrolier comprising a support member, a plurality of lamp-socket-carrying members hingedly connected with said support member so as to be capable of swinging in a plane substantially parallel to the plane of said support member, and a casing adapted to be placed over said support member, and spacing means, insertible between said socket-carrying members, for maintaining them in a determinate position relatively to one another. 55 60

In witness whereof, I have hereunto subscribed my name in the presence of two witnesses.

REUBEN B. BENJAMIN.

Witnesses:

CHARLES G. COPE,

CHARLES L. HOPKINS.