

O. WEBER.
SUPPORTING INCANDESCENT ELECTRIC LAMPS AND REFLECTORS.
APPLICATION FILED SEPT. 14, 1911.

1,014,681.

Patented Jan. 16, 1912.

Fig. 1

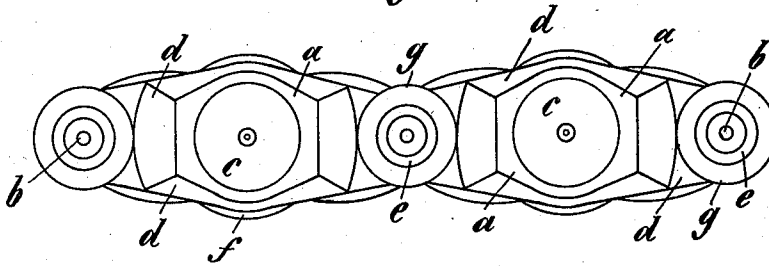


Fig. 2

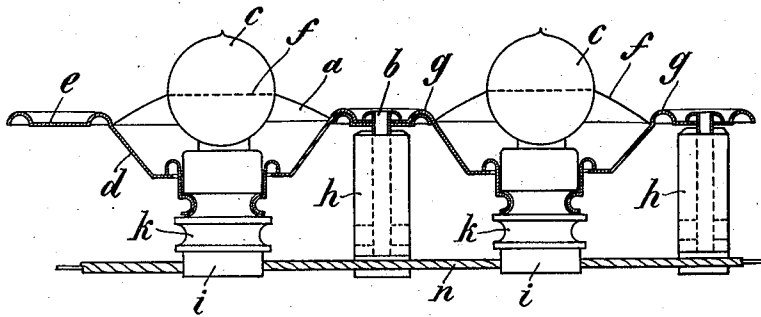
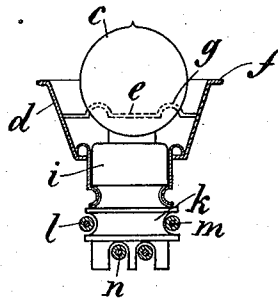


Fig. 3



Witnesses:

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UNITED STATES PATENT OFFICE.

OTTO WEBER, OF REINICKENDORF, NEAR BERLIN, GERMANY, ASSIGNOR TO BERLINER SIRIUSLAMPEN VERTRIEBSGESELLSCHAFT M. B. H., OF BERLIN, GERMANY.

SUPPORTING INCANDESCENT ELECTRIC LAMPS AND REFLECTORS.

1,014,681.

Specification of Letters Patent.

Patented Jan. 16, 1912.

Application filed September 14, 1911. Serial No. 649,350.

To all whom it may concern:

Be it known that I, OTTO WEBER, a citizen of the German Empire, and residing at Reinickendorf, near Berlin, German Empire, have invented certain new and useful Improvements in Supporting Incandescent Electric Lamps and Reflectors, of which the following is a description.

The present invention consists of a flexible illuminating device for supporting incandescent electric lamps and reflectors, for advertising or decorative purposes and its object is to provide an effective illuminating body, which may be readily mounted and the appearance of which, during the day-time will also be effectively decorative. The device also possesses that advantage that it can be manufactured *en masse*, at the factory and supplied ready for use in any lengths.

The device consists of a series of reflector members of a hollow angular form, each adapted to receive an electric incandescent lamp, and having at each end a substantially flat disk-like projection by means of which the various reflector members are hinged or linked together. This is effected by means of a hollow rivet or bolt carrying a feed wire insulating and supporting device as hereinafter particularly set forth.

In order to render the present specification easily intelligible, reference is had to the accompanying drawing in which similar letters of reference denote similar parts throughout the several views.

Figure 1 is a face view of the device, Fig. 2 a longitudinal sectional plan of the same and Fig. 3 a cross sectional elevation of one member complete.

Each reflector member *a* consists of the cup-shaped part formed by the curved and angularly arranged walls *d* having outwardly flared surfaces *f* at each side and terminating at each end in a substantially flat disk *e* of circular form and provided with a hollow bead *g* around its edge.

As will be readily understood on reference to Fig. 2 the bead *g* of the disk of one reflector member engages over the bead *g* of the next lying member and the two members are linked or hinged together by means of a bolt or rivet, *b*, advantageously hollow, to receive a screw, nail or the like for at-

taching the illuminating body to the supporting wall, at any desired points. Each bolt *b* is provided with an insulating roll *h*, which may also be provided with grooves or borings for supporting the electric conductors *l m* and *n* (Fig. 3).

The holder *i* of an electric incandescent lamp *c* is supported in the bottom of the cup-shaped reflector *a* so that the light of the lamp will be reflected in various directions by means of the reflector walls *d*.

The lamps are advantageously connected up in series, the wires *n* connecting the lamps being arranged in grooves at the bottom of the holders (Fig. 3) and also in the rolls *h* as already mentioned.

The disks *g* are tightened up by the bolts *b* so as to create friction enough between the two disks to enable them to remain in any position to which they may be set.

I claim as my invention:—

1. An illuminating device for electric lamps, for advertising and decorating purposes, comprising a series of reflector members, provided at each end with a substantially disk like projection to engage over the corresponding disk of the next member, and means for connecting same.

2. An illuminating device for electric lamps, for advertising and decorating purposes, comprising a series of cup-like reflector members, each having a lamp mounted therein and having a disk at each end to engage over the corresponding disk of the next member, a hollow bolt, to hinge the said members together and an insulating, wire carrying roll, supported on said bolt.

3. An illuminating device for electric lamps, for advertising and decorating purposes, comprising a series of cup-like reflector members, each having a lamp mounted therein and having a disk with a hollow bead around its edge at each end to engage over the corresponding disk of the next member, a hollow bolt, to hinge the said members together and an insulating, wire carrying roll, supported on said bolt.

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

OTTO WEBER.

Witnesses:

HENRY HASPER,
WOLDEMAR HAUPT.