L. A HUFSCHMIDT.

LIGHTING FIXTURE CANOPY.

APPLICATION FILED JAN. 28, 1920.

1,370,892. Patented Mar. 8, 1921.

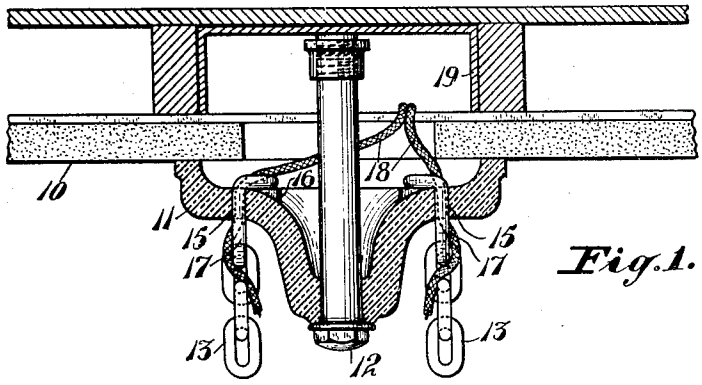


Fig. 1.

Fig. 2.

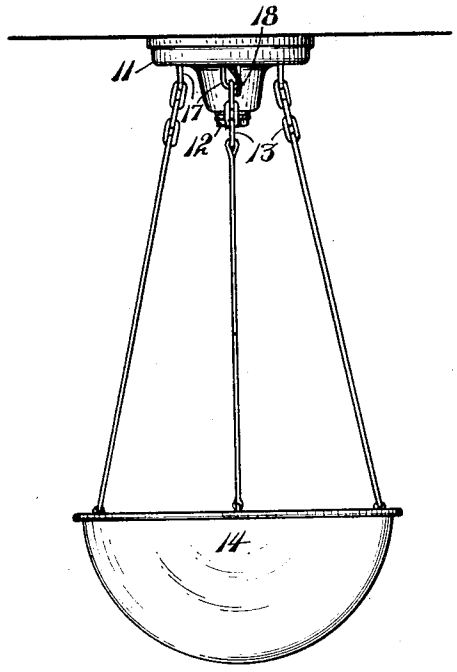
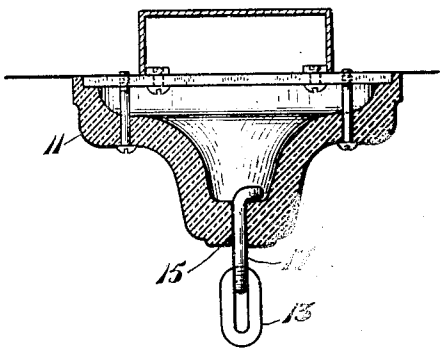


Fig. 3.



INVENTOR

Louis A. Hufschmidt

BY Chas E. Townsend

ATTORNEY

UNITED STATES PATENT OFFICE.

LOUIS A. HUFSCHMIDT, OF SAN FRANCISCO, CALIFORNIA.

LIGHTING-FIXTURE CANOPY.

1,370,892. Specification of Letters Patent. Patented Mar. 8, 1921.

Application filed January 28, 1920. Serial No. 354,674.

To all whom it may concern:

Be it known that I, LOUIS A. HUFSCHMIDT, a citizen of the United States, residing at city and county of San Francisco and State of California, have invented new and useful Improvements in Lighting-Fixture Canopies, of which the following is a specification.

This invention relates to a lighting fixture, and particularly pertains to means supporting lighting fixture bowls.

It is the principal object of the present invention to provide a canopy member for supporting lighting fixture bowls, which member is formed of vitreous or other dielectric material and is in the present instance, conveniently designed to afford attachment of bowl chains thereto.

The present invention contemplates the use of a canopy member cast of vitreous material and adapted to be directly secured to the terminal box of an electric light circuit and to therefore eliminate the use of insulating members between the canopy and the box, said canopy being formed with openings into which the ends of chains or other supporting members may be easily secured and a bowl supported therefrom.

The invention is illustrated by way of example in the accompanying drawings, in which:—

Figure 1 is a view in sectional elevation showing one form of the invention.

Fig. 2 is a view in elevation showing the application of the invention as a support for a lighting fixture bowl.

Fig. 3 is a view in sectional elevation showing a modified form of the invention used when only one chain or suspending member is provided.

Referring more particularly to the drawings, 10 indicates a ceiling against which a canopy member 11 is secured by a screw 12. This canopy member is preferably formed of glass or other dielectric material and thereby eliminates the use of insulating members normally interposed between the ceiling connections and the usual metal canopy. The member 11 may be of any desired configuration and in the preferred form as shown in Fig. 1 is intended to provide anchorage for suspending chains 13. These chains are adapted to support a lighting fixture bowl 14.

It is one of the problems of the present invention to provide convenient connections between the canopy and the supporting chains, at the same time eliminating expense in production. With that idea in view openings 15 have been formed through the flared base portion of the canopy and extend in alinement with the central axis of the canopy so that when drawn from the mold the openings may be obtained without the necessity of drilling or other machine work upon the cast glass. Bosses 16 are formed within the canopy and lie flush with the upper ends of the openings 15 to afford a seat for a fastening member 17. This member in the present case is merely a chain link bent at right angles and adapted to lie partially on the boss 16 while the other leg extends through the opening 15. The chains 13 are attached to the downwardly extended looped portion and will thus be properly anchored while supporting the bowl 14. It will be evident that other forms of connecting links 17 might be used and that, if necessary, a bolt member might be extended through the openings and secured by a nut.

In the modified form of the invention as shown in Fig. 3 a single supporting chain 13 is used and is suspended from a fastening member 17 extending through an opening 15 directly in the lower end of the canopy. It will thus be recognized that in either instance a cheap construction is provided and a canopy designed which may be readily drawn from the mold with openings 15 formed in the casting.

The openings 15 not only admit fastenings 17 but also permit lighting wires 18 to be led from terminal boxes 19 and carried down the chains to the lighting fixtures themselves.

It will thus be seen that the present device while decidedly simple in its construction, at the same time is so designed that the fixture may be economically cast of vitreous material and used without any machine work.

While I have shown the preferred form of my invention as now know to me, it will be understood that various changes in the construction, combination, and arrangement of parts may be made by those skilled in the art without departing from the spirit of the invention as claimed.

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

1. In a lighting fixture, a canopy member

having openings therein, a boss carried by the member and arranged adjacent to and flush with the top of each of the openings to form a seat, and chain carrying members having sides which extend through the openings, each of said members having its sides connected by a looped upper end part which extends at right angles to the sides and rests on the boss to be supported thereby to one side of the top of the opening so as to expose the latter, said sides being spaced to receive an electric-light wire in such space and to allow the wire to extend out from said space at points below the canopy member.

2. In a lighting fixture, a canopy member having an opening, and a chain carrying member having sides which extend through the opening and having its sides spaced and connected by looped ends, the upper of said ends being turned at right angles and disposed and engaged with the canopy member to one side of the top of the opening whereby to expose the top of the opening so as to allow an electric light wire to be threaded through the opening and in the space between the sides of said member, said sides extending below the bottom of the opening to allow the wire to extend out from said space.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

LOUIS A. HUFSCHMIDT.

Witnesses:
W. W. HEALEY,
M. E. EWING.