

1,108,453.

Patented Aug. 25, 1914.

2 SHEETS SHEET 1.

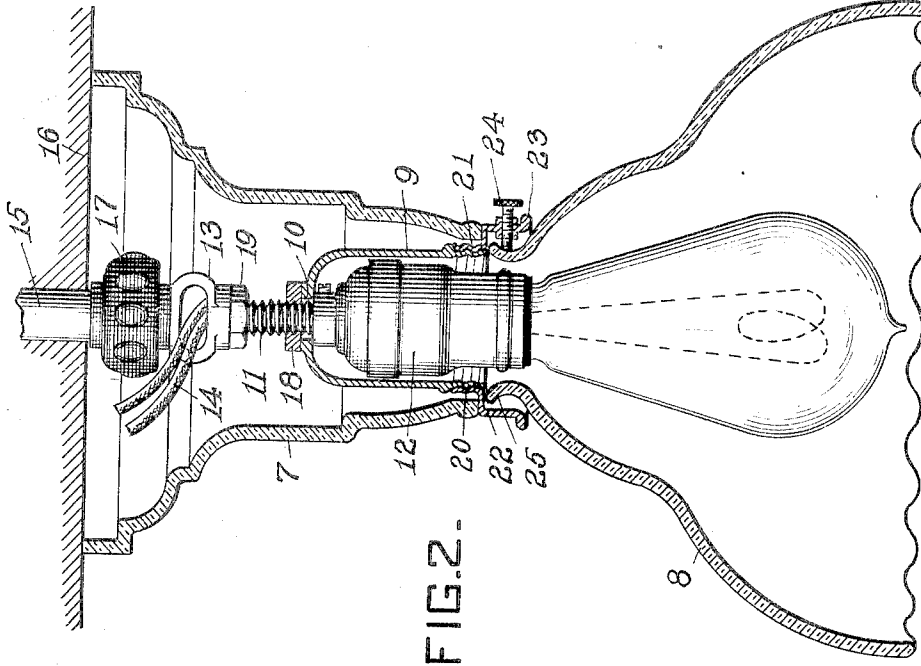


FIG. 2.

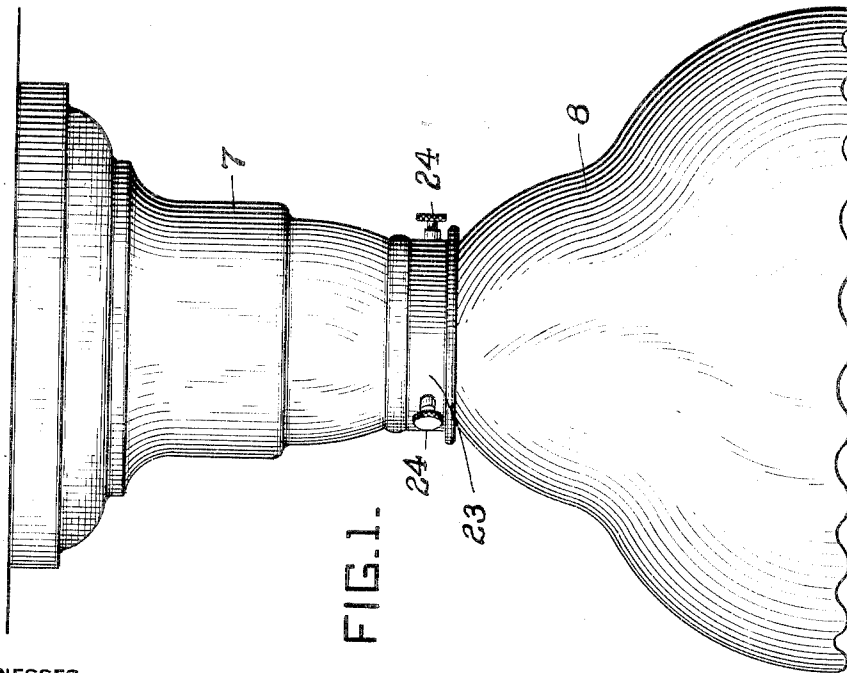


FIG. 1.

WITNESSES

Julian H. Hendig.
Harvey Lechner

INVENTOR

G. A. Macbeth
by Symmes West & Bradley
Attys

G. A. MACBETH.
LIGHTING FIXTURE.
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2 SHEETS—SHEET 2.

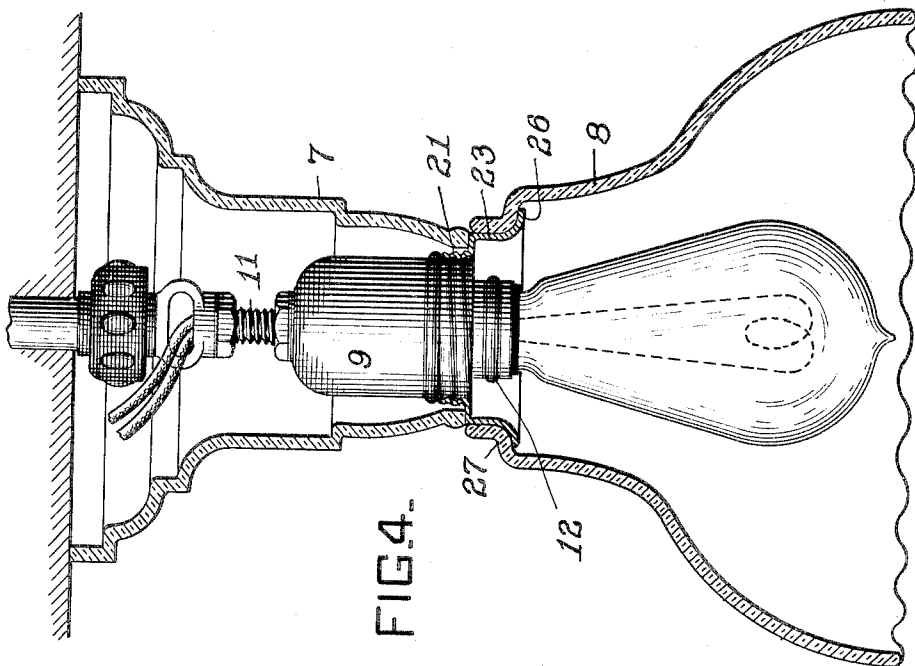


FIG. 4.

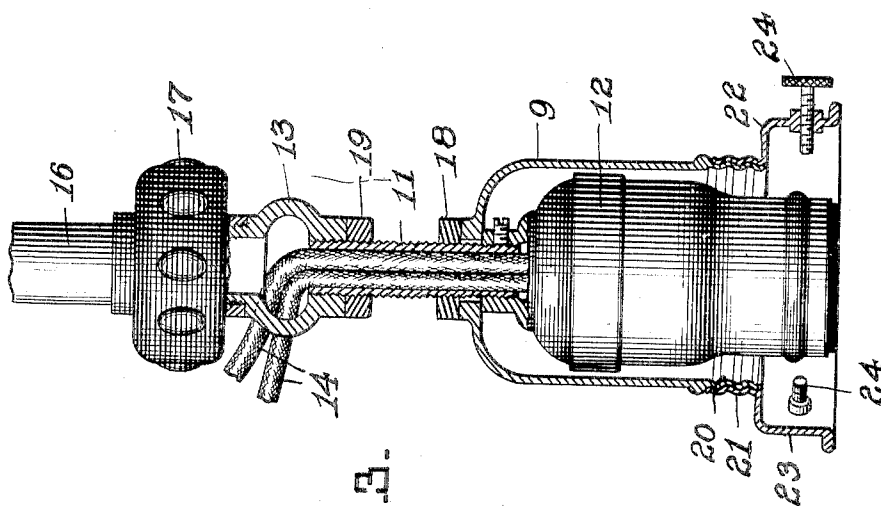


FIG. 3.

WITNESSES

James H. Hendig.
Harvey L. Lechner

INVENTOR

George A. Macbeth
By [Signature]

UNITED STATES PATENT OFFICE.

GEORGE A. MACBETH, OF PITTSBURGH, PENNSYLVANIA.

LIGHTING-FIXTURE.

1,108,453.

Specification of Letters Patent.

Patented Aug. 25, 1914.

Application filed February 15, 1913. Serial No. 748,539.

To all whom it may concern:

Be it known that I, GEORGE A. MACBETH, a citizen of the United States, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Lighting-Fixtures, of which the following is a specification.

This invention relates to lighting fixtures and has particular reference to the provision of improved means for holding and supporting canopies and lamp shades, one of the chief objects of the invention being the provision of a combined lamp shade and canopy holder which is simple and rigid in construction and which may be readily assembled and taken apart. My invention further contemplates the provision of a shade and canopy holder which may be readily adapted for use on fixtures of different sizes and which permits of ready adjustment.

Another object of the invention resides in the provision of a shade and canopy holder which is rigid in construction and maintains the shade, canopy, and lamp in proper relation with respect to one another. These together with such other objects as may hereinafter appear, or are incident to my invention, I attain by means of a construction which I have illustrated in preferred form in the accompanying drawings, wherein—

Fig. 1 is a side elevation of a canopy and lamp shade illustrating the application of my invention thereto; Fig. 2 is a section through the device illustrated in Fig. 1; Fig. 3 is an enlarged vertical section through my improved holder; and Fig. 4 is a section similar to that of Fig. 2 but illustrates a modification of my invention.

Referring particularly to Figs. 1, 2, and 3, it will be seen that I have shown a canopy 7 which is adapted to cover the base of a ceiling and wall fixture, and a lamp shade 8, the canopy and the shade being maintained in proper position by means of my improved holder which will now be described.

The holder comprises a metal shell or husk 9 which is provided with an aperture 10 in the top portion thereof to permit of the insertion of the threaded stem 11, one end of which is threaded into the base of the lamp socket 12 and the other end threaded into the buckle 13 through which the wires 14 are led to the socket 12. The buckle 13 is connected to the pipe 15, located in the ceiling or wall 16 by means of an insulating

connection 17. It will be noted that by this construction the lamp socket is rigidly held. The husk or shell 9 is securely clamped into position against the end of the socket 12 by means of the nut 18 and is rigidly held thereby while at the same time the socket 12 may be adjusted on the stem 11. In order to prevent the stem 11 from turning in the buckle 13 as the parts are being assembled I provide nut 19 which is threaded onto the stem 11 and abuts the buckle 13. The lower portion of the husk 9 is provided with threads 20 and is adapted to receive the threaded holding socket 21 which is provided with a shoulder 22 and a depending flange 23. The canopy 7 rests upon the collar 22 and the shade 8 is held in position in the flange 23 by means of the screws 24 which engage the shade adjacent the lip 25. The parts are assembled in the following manner, assuming that the stem 11 carrying the nuts 18 and 19 has been screwed into the buckle 13:

The husk 9 is slipped over the end of the stem 11 and the socket 12 then screwed onto the stem, the nut 18 being tightened up to clamp the husk into position. The canopy 7 is then slipped over the husk and the socket 21 is screwed onto the husk and serves to hold the canopy in position. The shade 8 is then inserted within the flange 23 and locked into position.

From the foregoing it will be apparent that the device is compact and simple and that the parts may be readily assembled and are adjustable to compensate for any irregularities in the shape or size of the canopy. The parts are all standard and the holder may be extended in length to accommodate fixtures of different sizes by the substitution of a husk of different length, the device thus being not only adjustable but also extensible. A further advantage of the device resides in the fact that all the parts are rigidly secured together and maintained in proper position with respect to one another and the use of supplementary means for locking the canopy in position is dispensed with. Another important feature of the invention resides in the fact that practically all of the metal parts are inclosed by the canopy which is preferably made of glass or other non-corrosive substance, the cleaning of the metal parts thus being obviated and the general appearance and neatness of the fixture being greatly enhanced.

Heretofore the canopy has been located above the lamp socket and fastened in place by supplemental holding means, and the shade has been secured to a holder fastened on the lamp socket. In this construction difficulty has been encountered in maintaining both the canopy and the shade in proper position, this being particularly the case in wall brackets or fixtures. By my improved construction I have not only overcome this defect but have also added to the appearance of the fixture.

Referring now to Fig. 4 it will be seen that I have illustrated a construction in which the entire holder is inclosed by the canopy and shade and covered from view. I accomplish this by forming on the flange 23 of the socket 21 a collar 26 which is adapted to engage the shoulder 27 formed on the lamp socket. In this construction the construction is the same as that previously described and has the same advantages. Both forms of the fixture can be readily cleaned and are sanitary.

I claim—

1. A lighting fixture comprising in combination a support, a canopy, a shade, and a holder carried by the support adapted to support both the canopy and the shade, said holder comprising a member secured to the support and a second member detachably secured to the first member, said second member having a canopy holding portion and a shade holding portion.

2. A lighting fixture comprising in combination a support, a canopy, a shade, and a holder carried by the support adapted to support both the canopy and the shade, said holder comprising a shell secured to the support and socket detachably secured to the shell, said socket having a canopy holding portion and a shade holding portion.

3. A lighting fixture comprising in combination a support, a canopy, a shade, and a holder carried by the support adapted to support both the canopy and the shade, said holder comprising a shell secured to the support and socket having threaded engagement with the shell, said socket having a shoulder adapted to support the canopy and a flange adapted to support the shade.

4. A lighting fixture comprising in combination a support, a canopy, a shade, and a

holding device adjustably mounted on said support and extending within the canopy and adapted to support both the canopy and the shade the said holding device comprising two parts which are adjustably secured together.

5. A lighting fixture comprising in combination a stem, a canopy, a shade, a holding device for supporting the canopy and shade having an aperture to receive the stem, a lamp socket threaded to the stem, and a nut adapted to clamp the holding device against the socket.

6. A lighting fixture comprising in combination a support, a socket carried by said support, a shell inclosing said socket and hung therefrom, a shade, and means on the shell for supporting said shade, and means for locking said shell in position.

7. A lighting fixture comprising a support projecting from a wall, a socket mounted on said support, a shell surrounding said socket, a canopy, and a shade, the said shell having means for supporting the canopy and shade and being adjustably mounted on said support for adjustment toward or from the wall whereby the canopy is firmly held between such supporting means and the wall.

8. A lighting fixture comprising in combination a support, a canopy, a shade, and a holder carried by the support adapted to support both the canopy and shade, said holder comprising a member mounted for adjustment on the support and a second member mounted for adjustment on the first member, said second member having a canopy-holding portion and a shade-holding portion.

9. A lighting fixture comprising a support projecting from a wall, a canopy, a shade, and a member having supporting means for the shade and the canopy mounted on the support for adjustment toward and from the wall whereby the canopy is firmly held between the wall and said means.

In testimony whereof I have hereunto signed my name in the presence of the two subscribed witnesses.

GEO. A. MACBETH.

Witnesses:

HARVEY L. LECHNER,

ARTHUR SYNNESTVEDT.