

Feb. 16, 1937.

C. W. BROWN

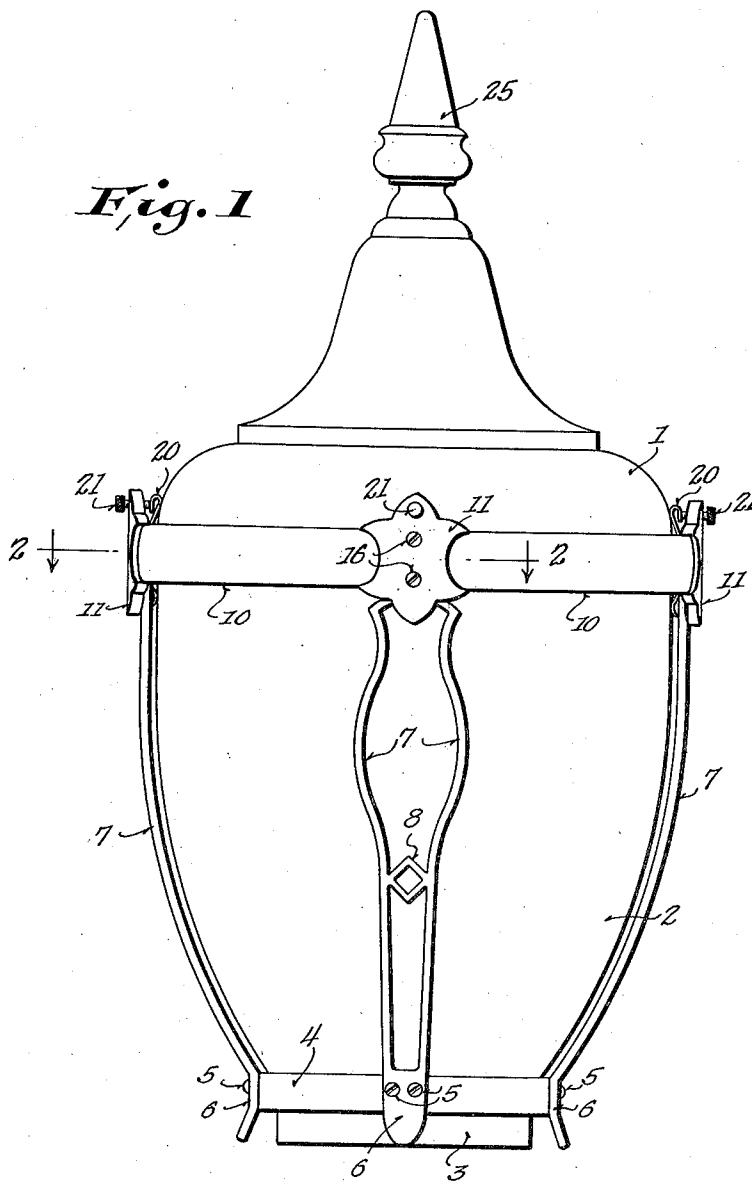
2,071,108

LIGHTING FIXTURE

Filed Nov. 21, 1934

2 Sheets-Sheet 1

Fig. 1



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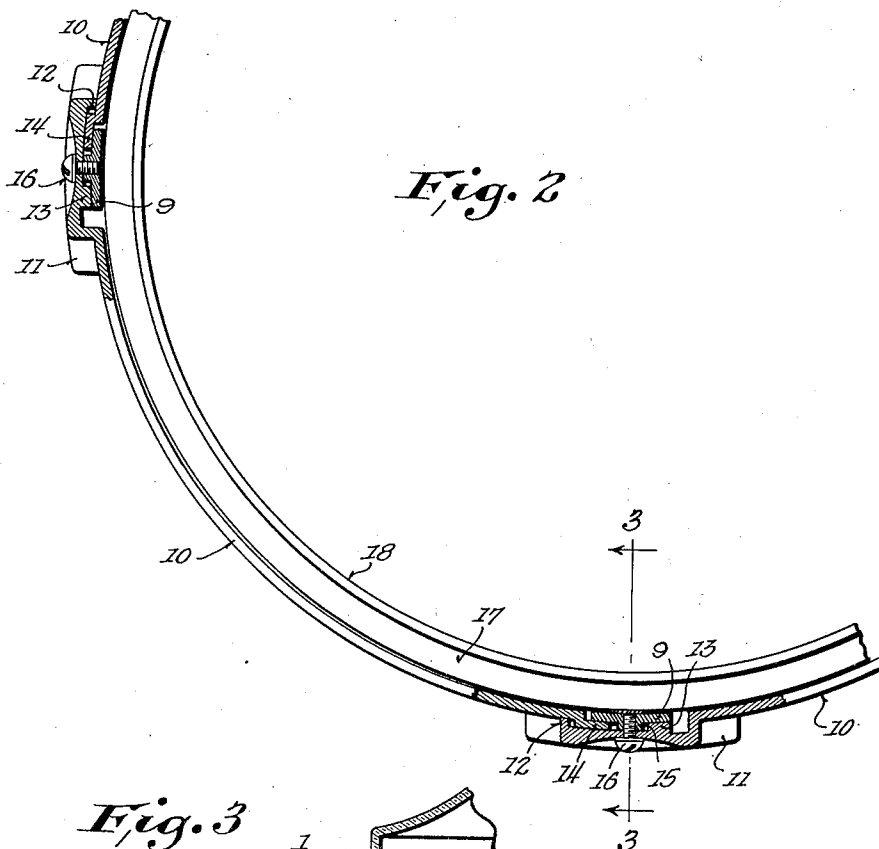
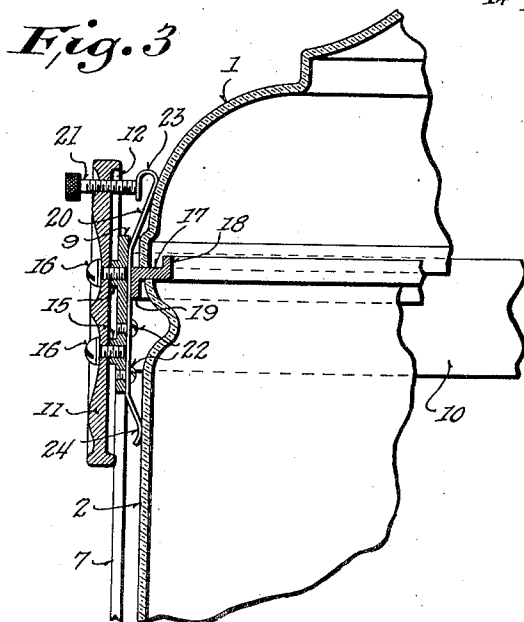
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2 Sheets-Sheet 2



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2,071,108

LIGHTING FIXTURE

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3 Claims. (Cl. 240—25)

This invention relates to improvements in lighting fixtures.

It is an object of this invention to increase the strength of the supports for canopies and globes without sacrificing the simplicity of the structure, but as a matter of fact making them easier to assemble, cheaper to manufacture, and easier to gain access to the globe when repairs are necessary.

The foregoing noted results are accomplished by limiting the number of parts to a minimum and without altering the outside appearance or design of the structure.

It is another object of this invention to provide a band for a canopy and globe comprising interlocking members which are relatively adjustable within limits when the lighting fixture is finally assembled.

Other and more specific improvements will become apparent as the description progresses.

In the drawings:

Fig. 1 is a view in side elevation of a lighting fixture embodying this invention.

Fig. 2 is a fragmentary sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a fragmentary sectional view taken on the line 3—3 of Fig. 2.

Throughout the several views like parts are identified by the same reference characters.

The housing for an electric lamp herein disclosed comprises a glass canopy 1 and a glass globe 2. The globe 2 is supported on a base 3 which may be secured in any suitable manner to a pole (not shown). Secured to the flange 4 on the base, by means of screws 5, are a plurality of uprights 6 (preferably four in number and equi-distant from adjacent uprights). Each of the uprights comprise a pair of spaced legs 7 integrally connected with the base portion of the uprights, connected intermediate their ends at 8, and integrally connected at their upper ends with the clamping plate 9. The legs 7 preferably have a curvature approximately paralleling the curvature of the globe 2.

The clamping plates 9 of the uprights are connected by means of band sections 10. These band sections are each provided at one end with a decorative portion 11 integral therewith having a flange 12 on its rear face and also a lug 13 substantially the same height as the flange. The other end of each band section is provided with an offset portion 14 integral therewith and receivable between the flange 12 and lug 13 in hooked relation to the decorative portion 11 of an adjacent band section 10.

Each clamping plate 9 on the upright 6 overlaps an offset portion 14 and lug 13 and is provided with a pair of vertically spaced bosses 15 positioned between the offset portion 14 and lug 13. The clamping plates 9 are secured to the decorative portions 11 by means of screws 16 which pass through the decorative portions 11 and into the bosses 15, thus clamping the band sections 10 together and to the uprights 6.

Resting on the top of the globe 2 is a flange ring 17 which is unsecured to the band sections or uprights and is freely removable from the globe 2. The flange ring 17 is provided with an inner flange wall 18 projecting upwardly within the canopy 1 and an outer flange wall 19 projecting downwardly exteriorly of the globe 2. The canopy 1 is supported on the flange ring 17 and is secured against removal therefrom by means of clamping springs 20 held into resilient engagement with the canopy by bolts 21. The bolts 21 are threaded through the decorative portions 11 and the clamping springs 20 are secured to the clamping plates 9 by means of screws 22. The clamping springs 20 comprise elongated plates each having the upper end hooked outwardly at 23 to serve as resilient means disposed between the bolt 21 and canopy 1. The lower end of the clamping springs are provided with arcuately bent portions 24 resiliently engaging the globe 2.

As is clearly illustrated in Fig. 2, the adjacent ends of the band sections may be longitudinally relatively adjusted to accommodate the structure to any inequalities in the diameter of the flange ring 17. Thus the necessity of machining the parts to an exact size is eliminated and permitting the use of cast parts throughout. As will be observed, the band sections interlock with adjacent sections and even though the clamping plate 9 may become loose, the band sections will not disengage. Thus I have confined the number of parts to a minimum, made the parts easily adjustable and assembled, and interlocked the band sections so that they will not be separated if the parts become loosened.

If it is desired to gain access to the interior of the globe 2, it is only necessary to release the upper ends of the springs 20 by appropriately rotating the bolts 21 and then removing the canopy 1 by grasping the flange 25 to raise the canopy from its position on the flange ring 17.

I claim:

1. In a support for a lamp housing, a base, a plurality of uprights carried by the base, and a plurality of band sections, each band section being detachably secured at one end to one of

said uprights and interlocked at its other end between an adjacent band section and upright, said interlocked end being free for a limited end-wise adjustment relative to the adjacent band section.

5 2. In a support for a lamp housing, a base, a plurality of uprights carried by the base, a band comprising a plurality of band sections, adjacent ends of said band sections having complementary
10 interlocking portions, and a plate on said uprights overlapping portions of said adjacent ends to hold said interlocking portions in engagement, and means securing said plate to one of said ends, the

other of said ends being slidable relative to the adjacent band sections, whereby to alter the diameter of said band.

3. In a lighting fixture, a pair of band sections having complementary portions detachably
5 and slidably interlocked for permitting a limited peripheral adjustment of the band sections, and a band supporting upright detachably secured to one of said complementary portions and overlapping the other of said complementary portions
10 to hold said portions in interlocking relation.

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