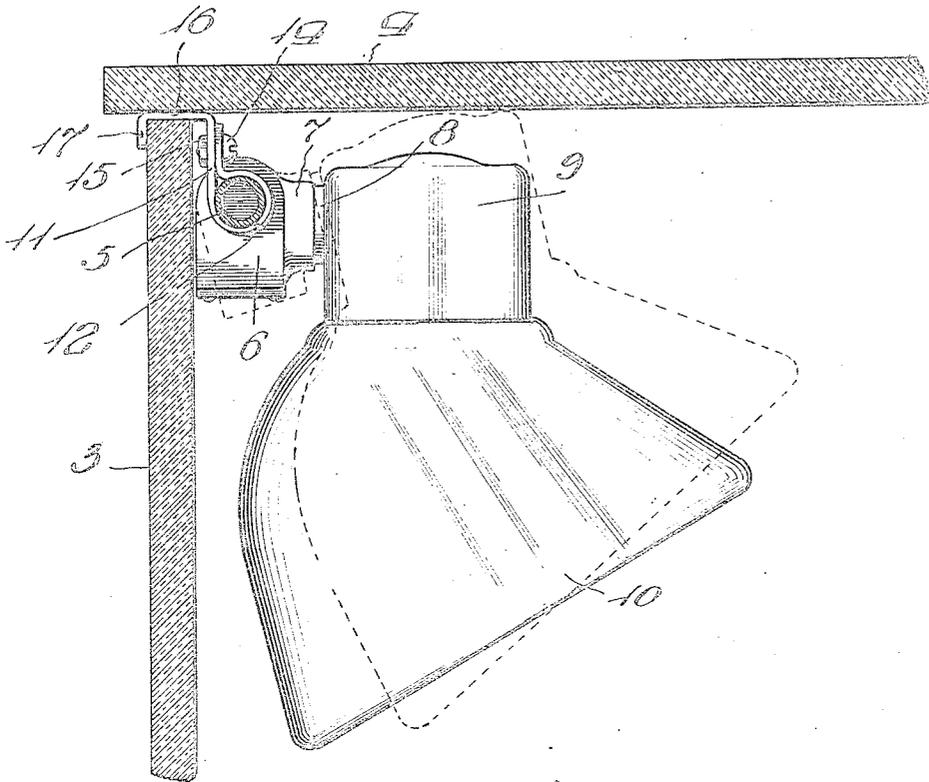


P. M. HOTCHKIN.  
 BRACKET FOR SHOW CASE LIGHTING REFLECTORS.  
 APPLICATION FILED JUNE 1, 1914.

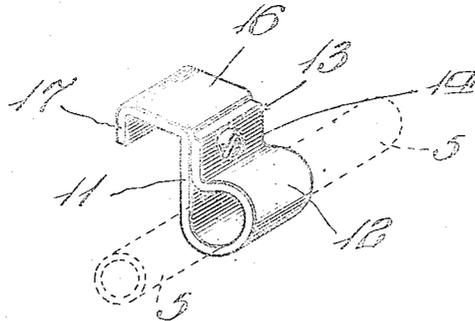
1,134,132.

Patented Apr. 6, 1915.

*Fig. 1*



*Fig. 2*



*Witnesses:*

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# UNITED STATES PATENT OFFICE.

PAUL M. HOTCHKIN, OF CHICAGO, ILLINOIS, ASSIGNOR TO NATIONAL X-RAY REFLECTOR COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

BRACKET FOR SHOW-CASE-LIGHTING REFLECTORS.

1,134,132.

Specification of Letters Patent.

Patented Apr. 3, 1915.

Application filed June 1, 1914. Serial No. 842,004.

*To all whom it may concern:*

Be it known that I, PAUL M. HOTCHKIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Brackets for Show-Case-Lighting Reflectors, of which the following is a specification.

My invention relates to lighting systems for show-cases, bank partitions, and the like, and more particularly to a bracket to be employed to mount the conduit, lamp, and reflector directly upon the partition or glass front whereby these elements may be readily adjusted in order to direct the waves of light in various directions therefrom.

The particular object of my invention is to produce a bracket to effectively accomplish the above-mentioned functions and at the same time be well adapted to various styles or types of show-cases or partitions for the purpose of supporting the reflector, &c., directly upon the glass front wall.

Another object is to produce a bracket that is capable of longitudinal adjustment upon the conduit whereby it is adapted to be used on partition show-cases of various lengths.

Still further objects are to produce a bracket of the kind described that is simple and easy to manipulate, is inexpensive to manufacture, and of relatively small dimensions so that the same is neat in appearance and will not be unsightly or mar the appearance of the partition or show case.

These objects I prefer to accomplish in the manner hereinafter described and as more particularly pointed out in the claims, reference being had to the accompanying drawings, in which:—

Figure 1 is a transverse vertical section of an upper corner of a glass show-case showing my improved bracket in use to support the conduit and reflector and showing the reflector in dotted lines in an adjusted position; Fig. 2 is a perspective view of my improved bracket detached and showing a portion of the conduit in dotted lines.

Referring to the drawings, 3 represents the vertical front or rear plate and 4 is a horizontal top-plate of a suitable show-case of the usual design. In most show-cases of this type this top-plate rests directly upon and is supported by the upper edge of the vertical plates. The particular lighting system which I have illustrated comprises a

longitudinally arranged conduit 5 formed of tubular metal and intersected at various distances apart by suitable junction-boxes 6 that provide means for illuminating the show-case by means of a series of electric lamps. Each junction-box is provided with a lateral boss 7 into which the stub 8, of a combined lamp socket reflector holder 9, is preferably tapped. A reflector or shade of conventional design is preferably secured to the holder 9 in any suitable manner and when the above mentioned elements have been properly assembled the conduit tube will carry the lighting source and parts. My bracket is for the purpose of mounting the conduit directly upon the glass plate of the show case and preferably comprises a strip of metal 11 which adjacent one end is bent substantially circular to form a suitable barrel or sleeve 12, and the adjacent end is bent laterally and parallel to the remaining portion of the strip to form a lip or tongue 13. A headed bolt 14 is tapped transversely through these parallel members 11 and 13 and clamped by means of a nut 15 screwed onto the extended end of said bolt. The opposite end of the strip 11 is preferably bent laterally at right angles to itself to form a substantially L-shaped extension the longer arm 16 of which is preferably disposed in a horizontal plane at right angles to the strip 11 and the shorter arm of which forms a vertically disposed downwardly extending lip 17 that is adapted, when in use, to extend down flush against the face of the glass wall of the show-case. Owing to the novel construction of this bracket several of the same are adapted to be mounted at convenient intervals along the length of the conduit and then the L-shaped extension hooked over the upper edge of the vertical plates of the show-case prior to the placing of the top plate thereof which latter when properly positioned will retain the bracket in place. After the brackets have been secured in place the reflectors may be adjusted to the most desirable angle by properly rotating the conduit after which the bolts 14 are tightened and the parts securely locked in their adjusted positions.

It will be obvious to others skilled in the art that while I have illustrated and described this bracket in connection with a specific style or type of show case it of course is applicable to other and different

types as well without material alteration. Such changes or refinements as are necessary to adapt this invention to such other types of fixtures are contemplated within the scope  
5 of my claims.

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

1. The combination with a show-case having a vertical plate and a top plate supported thereby, of a conduit adjacent the juncture of said plate, a lamp socket and reflector carried by said conduit, and a bracket secured to said conduit having a portion  
10 adapted to engage one of said plates.

2. The combination with a show-case having a vertical plate and a top plate supported thereby, of a conduit adjacent the juncture of said plate, a lamp socket and reflector carried by said conduit, a bracket  
20 adjustably secured to said conduit and provided with a lateral substantially L-shaped extension that fits between the abutting edges of said plates and secures said conduit to said show-case.

3. The combination with a show-case having a vertical plate and a top plate supported thereby, of a conduit adjacent the juncture of said plate, a lamp socket and  
30 reflector carried by said conduit, a bracket

comprising a strip of metal one portion of which is bent to form a cylindrical sleeve that is adjustably secured to said conduit and the other portion of which is bent laterally and provided with a down turned lip  
35 which last-mentioned portion is adapted to fit between the abutting edges of said plates.

4. The combination with a show-case having a vertical plate and a top plate supported thereby, of a conduit adjacent the juncture of said plate, a lamp socket and reflector carried by said conduit, a bracket comprising a strip of metal one portion of which is bent to form a cylindrical sleeve and having the free end bent back parallel  
45 with said strip said sleeve adapted to be adjustably secured to said conduit and the other portion of which is bent laterally and provided with a down turned lip which last-mentioned portion is adapted to fit between  
50 the abutting edges of said plates, and a clamping member tapped through the parallel portions of said strip.

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

PAUL M. HOTCHKIN.

Witnesses:

ESTELLA WOLFF,  
E. J. DONNELLEY.