

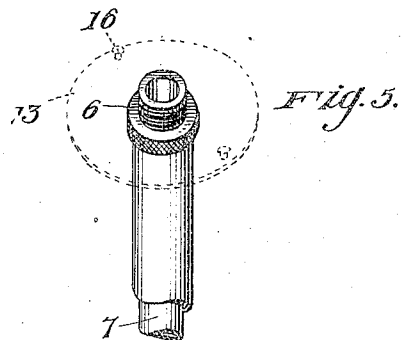
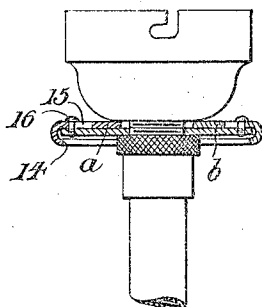
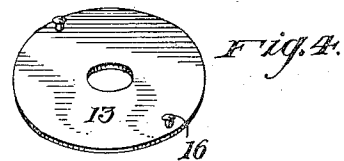
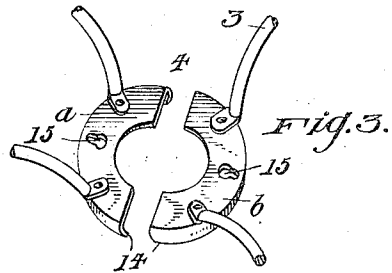
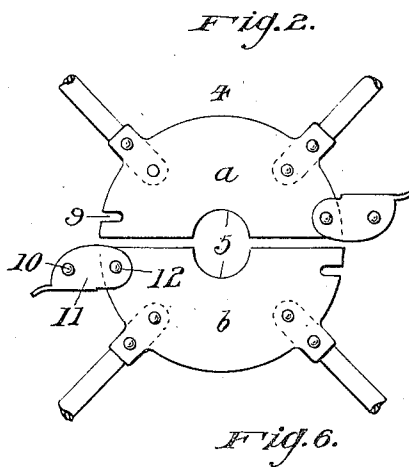
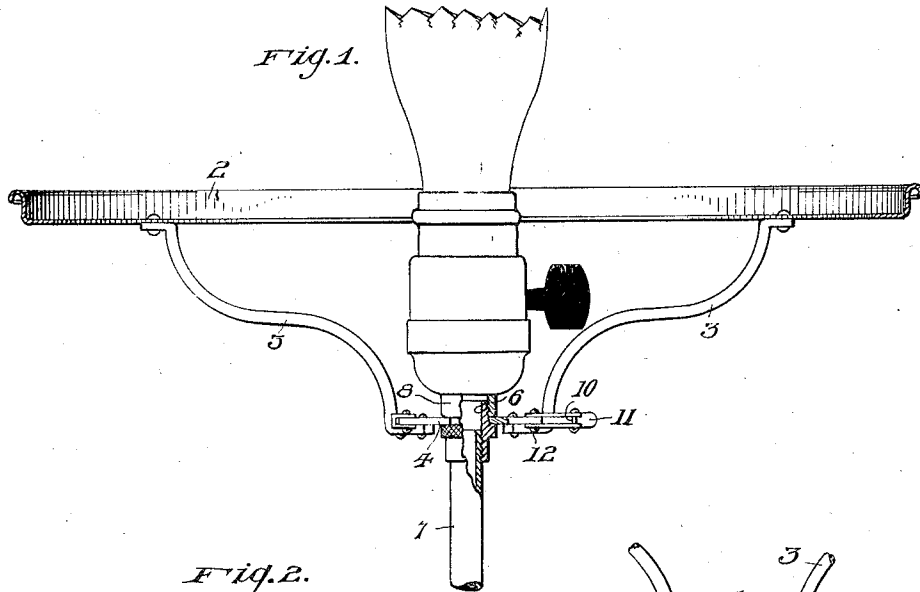
W. A. PAINTER.
SHADE HOLDER.

APPLICATION FILED SEPT. 23, 1908.

942,738.

Patented Dec. 7, 1909.

2 SHEETS—SHEET 1.



witnesses:

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2 SHEETS—SHEET 2.

Fig. 7.

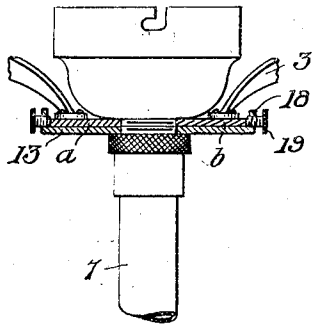


Fig. 11.

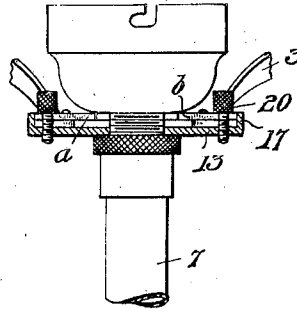


Fig. 8.

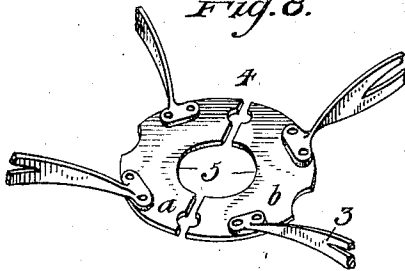


Fig. 12.

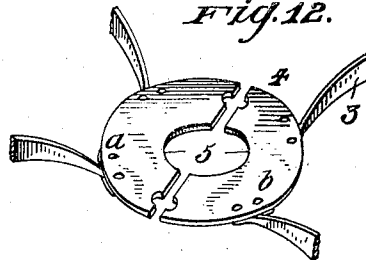


Fig. 9.

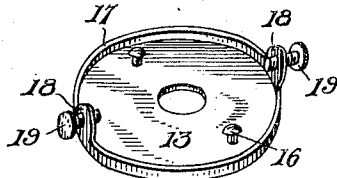


Fig. 13.

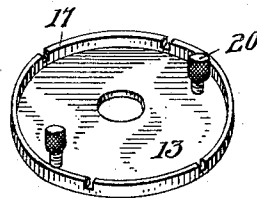
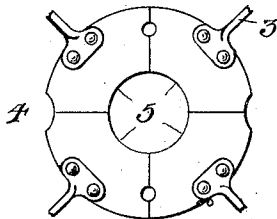


Fig. 10.



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UNITED STATES PATENT OFFICE.

WILLIAM A. PAINTER, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO PITTSBURGH LAMP, BRASS & GLASS COMPANY, OF PITTSBURG, PENNSYLVANIA, A CORPORATION OF NEW JERSEY.

SHADE-HOLDER.

942,738.

Specification of Letters Patent.

Patented Dec. 7, 1909.

Application filed September 23, 1908. Serial No. 454,414.

To all whom it may concern:

Be it known that I, WILLIAM A. PAINTER, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Shade-Holders, of which the following is a specification.

The object of my invention is to provide a new and improved shade-holder particularly designed for supporting a shade employed on light-fixtures, such as electric light-fixtures or electroliers, or gas-fixtures.

A further object of the present invention is to provide a shade-holder of the class above mentioned that may be readily attached to and removed from such fixtures without the necessity of removing the bulb of an electric-light fixture or the burner of a gas-fixture.

A still further object of my invention is to provide a construction of such a nature that when used in connection with electric light-fixtures the holder may be attached to and removed from the fixture by simply giving a quarter turn to the electric light socket and adjusting the holder thereto by means of the shade supporting-member of the holder.

In the accompanying drawings, which illustrate applications of my invention, Figure 1 is an elevational view, partly in section of a shade-holder embodying my invention shown in connection with an electric light fixture; Fig. 2 a detail plan particularly showing the base-member and means for locking the parts of said member; Figs. 3 and 4 detail views showing a modified form of base-member and different means for locking the parts together; Fig. 5 a detail perspective view of the manner of assembling the form of Fig. 3; Fig. 6 a transverse sectional view of the form of Fig. 3, shown in position on a fixture; Fig. 7 a part sectional and a part elevational view showing a further modified form applied to a fixture; Figs. 8 and 9 detail views of the base-member and locking means of the form of Fig. 7; Fig. 10 a detail plan of base-member showing said member composed of four sections or parts; Fig. 11 a part elevational and a part sectional view of a still further modified form of construction; and Figs. 12 and 13 detail views of the form of Fig. 11.

Referring to the drawings, 2 designates a shade supporting-member or ring of the

holder adapted to support an annular shade, not shown, of the usual or any desired style. Supporting-member 2 is annular in form and is made of an elastic or flexible metal strip or piece which, owing to its elasticity, may be bent slightly. Connected to the supporting-member by means of curved and radially extending arms 3, is a central base or clamping-member 4, preferably made in two parts or sections *a* and *b*, as shown by the various forms illustrated, although the base-member may comprise a number of sections, greater than two. In the form of member shown by Fig. 10, the base-member comprises four parts or sections.

I have illustrated various forms of base-members showing some of the modified forms the sections or parts may assume and the different manner of assembling and locking the parts together followed in making shade-holders constructed in accordance with my invention, but other modifications may be employed in which the lateral adjustment of the sections or parts of the base may be effected by slightly bending the supporting-member 2 that will come within the scope of my invention.

Each section or part of the base is formed with a cutaway portion, as shown at 5, and is adapted, when in position, to fit around a threaded-portion 6 of the fixture-stem 7. Fixture-stem 7 projects into the socket-stem 8 of the electric-light or a similar socket of a gas-burner, and the lower end of the socket-stem is designed to rest upon the sections or parts of the base-member as clearly shown by Fig. 1. The form of Fig. 1 illustrates the preferred embodiment of my invention; in this form, each section or part *a* and *b* is formed with an engaging-slot 9 adapted to receive a pin or rivet 10 of a pivoted thumb-latch 11, the latter being secured to each of the members by a rivet 12. The means just described constitute the locking means for locking the parts *a* and *b* together when said parts are adjusted in position on the fixture.

In the other forms illustrated, I have shown, in addition to the base-member proper and in conjunction therewith, an annular plate or disk 13, also modifications of the sections or parts *a* and *b*. Thus, in the form shown by Figs. 3, 4, 5 and 6, the sections *a* and *b* are each formed with a depending-flange 14 and with slots 15, the lat-

ter each being adapted to receive a headed-pin 16 of the plate or disk 13.

In the form of Fig. 7 the plate 13 has an upwardly extending flange 17 having ears 18 and engaging-rivets or headed-pins 16; in this form, the divided or sectional base is designed to fit into the annular-flange 17 and be secured on plate 13 by laterally projecting screws 19.

10 In the form of Fig. 11 the plate 13 is provided with the flange 17 and the parts *a* and *b* of the base-member are secured to the plate by means of vertically extending screws 20.

15 Electric lamps, or electric portables, as they are known in trade, are put on the market with the wiring complete, that is to say, with the wiring running up through the hollow stem or standard and connected with the lamp-socket. With lamps of this class the shade-holder should be of such a construction that it may be attached and detached without twisting the wiring to any harmful degree. By forming the base-member of two 25 or more sections as illustrated, I am able by giving only a quarter turn to the lamp-socket, to raise it sufficiently from the base-member to permit the sections thereof to be spread apart and the holder readily applied 30 or removed without twisting the wiring.

What I claim is:

1. A shade-holder having a flexible shade supporting-member, a central base-member comprising two sections, means for locking

the sections together, and an arm connecting 35 each section and the shade supporting-member.

2. A shade-holder having a flexible shade supporting-member, an adjustable base-member comprising a plurality of separable 40 parts, and arms connecting the parts and the supporting member.

3. A shade-holder having a flexible shade supporting-member, a central base-member comprising two separable parts or sections, 45 a latch-member on each part, and arms connecting the parts or sections and the supporting-member.

4. The combination with a lighting-fix- 50 ture, of a supporting-plate, a shade-holder having a flexible shade supporting-member, a central base-member comprising two sections, means for locking the sections together, and an arm connecting each section 55 and the shade supporting-member.

5. The combination with an electric lamp, a shade-holder having a flexible shade supporting-member, a central base-member comprising two sections, means for locking 60 the sections together, and arms connecting the sections and the supporting-member.

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

WILLIAM A. PAINTER.

Witnesses:

A. C. WAY,
W. G. DOOLITTLE.