

P. J. HANDEL & A. E. TEICH.
SHADE HOLDER.
APPLICATION FILED JUNE 15, 1910.

979,664.

Patented Dec. 27, 1910.

Fig. 1.

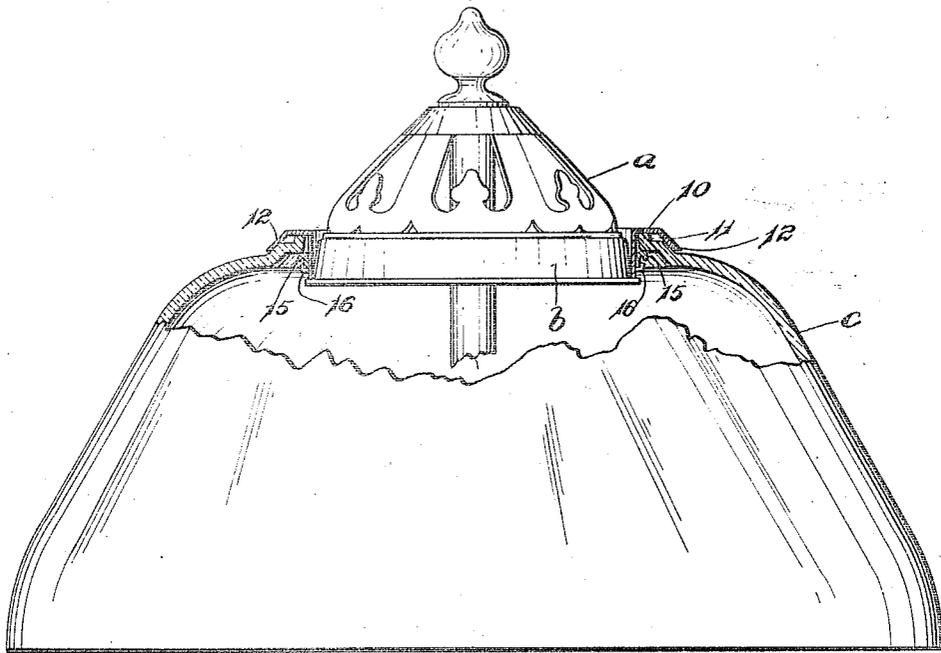


Fig. 2.

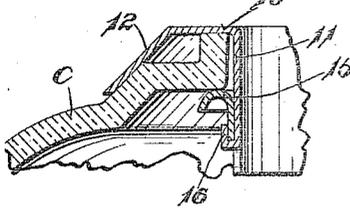
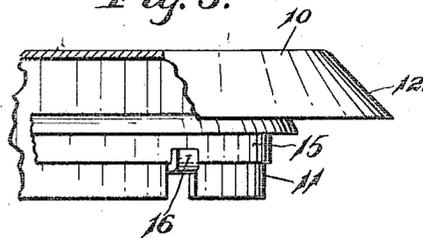


Fig. 3.



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SHADE-HOLDER.

979,664.

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To all whom it may concern:

Be it known that we, PHILIP J. HANDEL, a citizen of the United States, and ANTOINE E. TEICH, a subject of the Emperor of Germany, residents of Meriden, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Shade-Holders, of which the following is a specification.

The object of our invention is to produce a holder for lamp shades and the like having features of novelty and advantage.

The invention is particularly adapted for use with shades which are supported from the top or upper side, and are adapted for use with either lamp, gas or electric fixtures.

Referring to the drawings: Figure 1 is a side elevation of a shade equipped with the improved holder, the shade being broken away to show the holder in central vertical section. Fig. 2 is a sectional view on enlarged scale of part of a shade and holder, Fig. 3 is an exterior view of the holder.

This holder is adapted for use with shades made of glass or similar material, and is secured in place in an opening formed in the top of the shade to permit of its engagement with a standard or support.

In the embodiment of our invention, the shade illustrated is shown as used in connection with an electric fixture, which is indicated by the letter *a*, having a supporting ring *b*.

c denotes the shade having an opening through the top.

The holder is made up of a ring 10 having double flanges 11—12, between which the upper edge of the shade is located, and a securing ring 15 which fits about the inner flange 11, engaging the edge of the shade from the under side, and is locked in place by clips 16 turned up from the lower edge of the inner flange 11. This inner flange 11 is adapted to fit or rest on the flanged ring *b* of the standard. An added feature of invention in this holder is the means which we employ to secure the holder to the shade in such a manner that the lower edge of the inner supporting flange 11 will be parallel with the lower edge of the shade, thus insuring that when the shade is put in place on a fixture it will stand symmetrical and true with respect to the fixture. In the process employed in the manufacture of shades they are formed up to shape in suitable dies to more or less exact

size and perfectly true; variations in the thickness of the material, and other causes tend to throw the inner surface of the shade out of true. In carrying out this part of our invention we form a shoulder on the exterior of the shade near the top opening, which is perfectly true and symmetrical with respect to the axis of the shade. The exterior flange 12 of the holder is shaped to fit and have a bearing upon this shoulder on the shade, this exterior or centering flange 12 being symmetrically arranged with respect to the inner or supporting flange 11. The securing ring is now fitted into place and locked by the clips 16, and the shade is ready for use with any sort of a standard.

We claim:—

1. The combination with a shade, of a holder therefor comprising a ring having exterior and interior depending flanges between which the upper edge of said shade is located, a non-rotatable securing ring surrounding said interior flange engaging the under side of said shade, and means for locking said securing ring in place.

2. The combination with a shade having an inclined annular centering shoulder arranged exteriorly thereof near its upper edge, of a holder comprising a ring and an inclined exterior flange adapted to fit against said inclined centering shoulder, an interior flange projecting through the opening in the top of said shade, and means engaging the under edge of said shade to secure said holder in place.

3. The combination with a shade having an inclined centering shoulder on its exterior surface near the opening through its top, of a holder having a supporting member and an inclined centering face adapted to receive and engage the centering shoulder on said shade.

4. The combination with a shade having an inclined centering shoulder on its exterior surface near the opening through its top, of a holder comprising a supporting member, a flange having an inclined centering face against which said shoulder is adapted to fit, and means for securing said shade in position in said holder.

5. The combination with a shade having an inclined centering shoulder thereon, of a holder comprising a supporting member, a flange having an inclined centering face against which said shoulder is adapted to fit,

a non-rotatable ring in engagement with said shade, and clips on said supporting member adapted to lock said ring in place.

6. The combination with a shade, a centering shoulder formed on the outer surface thereof near the opening through its top, of a holder comprising a supporting member, a flange overlying and fitting against said shoulder, a securing ring separate from said

supporting member and underlying the edge of said shade, and clips on said supporting member engaging said ring.

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