June 21, 1938. R. W. SHOEMAKER 2,121,575

LIGHTING FIXTURE

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Fig. 1.

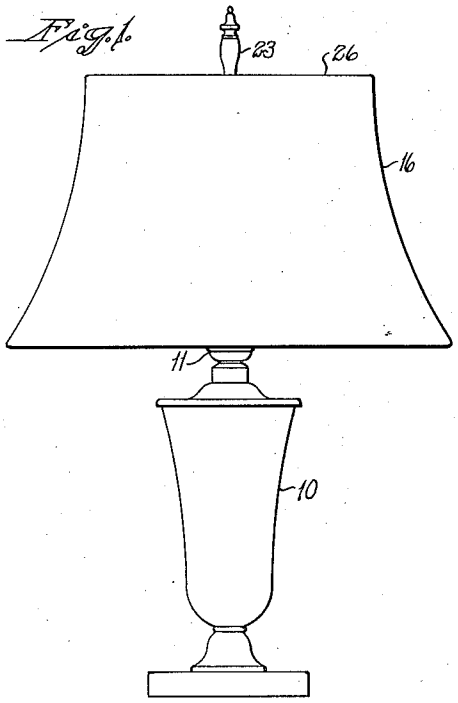


Fig. 2.

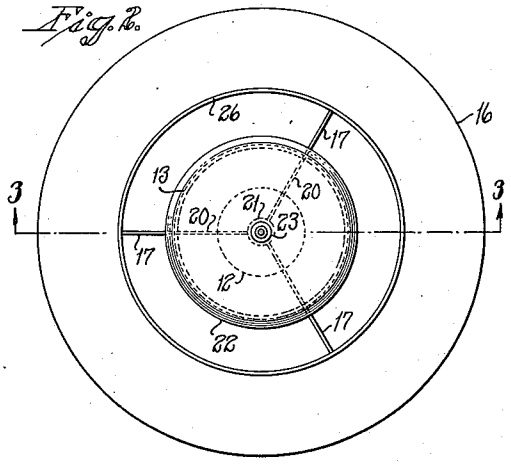
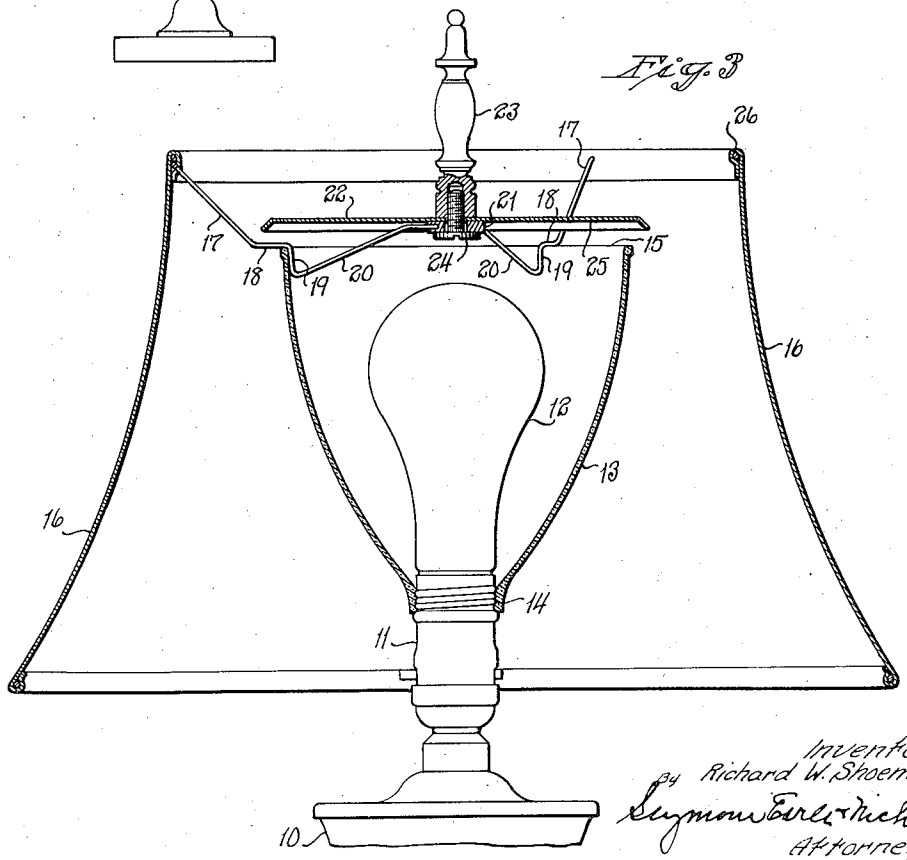


Fig. 3



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Fig. 4.

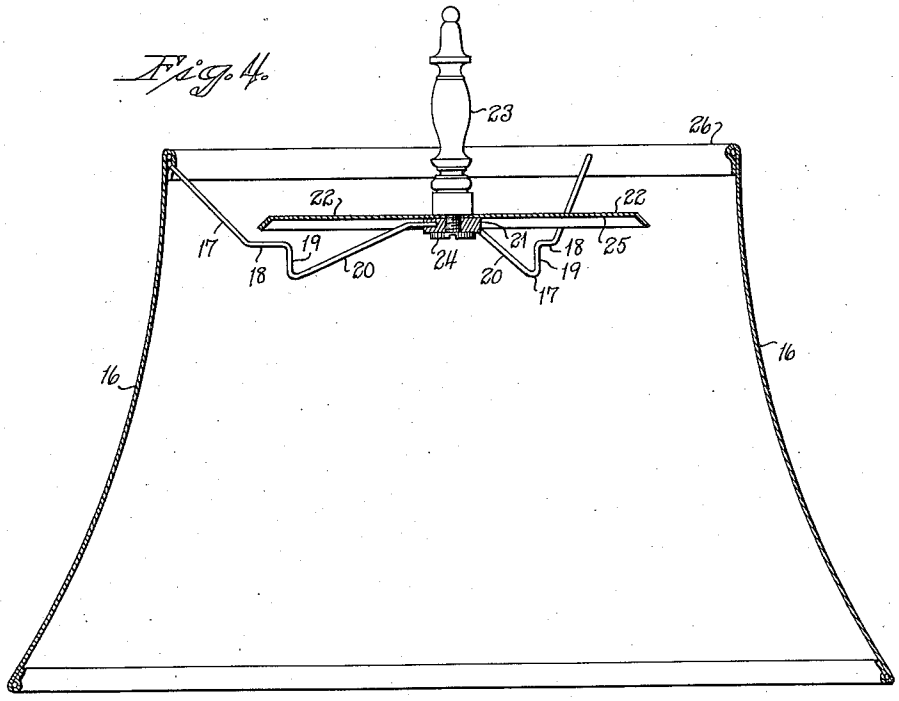


Fig. 5.

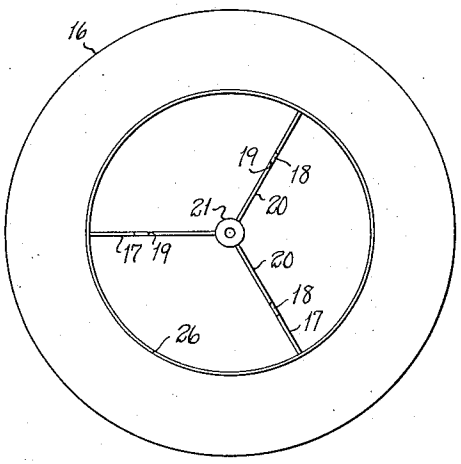
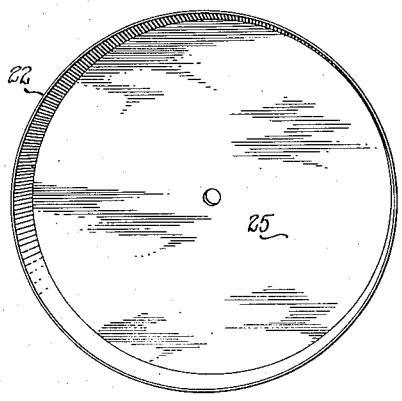


Fig. 6.



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UNITED STATES PATENT OFFICE

2,121,575

LIGHTING FIXTURE

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Application July 22, 1937, Serial No. 154,945

2 Claims. (Cl. 240—81)

This invention relates to improvement in lighting fixtures.

One object of this invention is to provide an improved lighting fixture of attractive appearance, free from glare and yet efficient for reading.

Another object of the invention is to provide an improved lighting fixture formed of simple elements readily manufactured and readily assembled to produce an attractive, efficient construction at minimum cost.

With the above and other objects in view, as will appear to those skilled in the art from the present disclosure, this invention includes all features in the said disclosure which are novel over the prior art.

In the accompanying drawings, in which one way of carrying out the invention is shown for illustrative purposes:

Fig. 1 is a side elevation of a lighting fixture constructed in accordance with the present invention;

Fig. 2 is a top plan view of Fig. 1;

Fig. 3 is a sectional view on line 3—3 of Fig. 2;

Fig. 4 is a sectional view similar to Fig. 3, but showing only the shade unit, including the shade, the shield, and connected parts;

Fig. 5 is a top plan view of the shade; and

Fig. 6 is a bottom perspective view of the shield.

In the description and claims, the various parts are identified by specific names for convenience, but they are intended to be as generic in their application as the prior art will permit.

Referring to the drawings, the lighting fixture 10 has an electric socket 11 and an electric light bulb 12 inserted in said socket. The bowl 13 is secured at 14 to the electric socket 11 and extends upwardly with an open top 15. The bowl 13 is preferably translucent.

The light shade 16 has a frame 17, preferably of wire, secured thereto and extending downwardly and inwardly, and provided with supporting-portions or feet 18 adapted to rest upon the top 15 of the upwardly-opening bowl 13, with the guide-portions 19 adapted to engage against the inner side of the bowl to properly locate the shade upon the bowl 13. The wires 20 of the frame 17 are secured to a metal washer or ring 21 at the center of the frame 17. An opaque shield 22 rests upon the washer 21 and in turn has a finial 23 on the top of the shield 22. A screw 24 extends through the parts 21 and 22 and into the part 23 to secure the parts together.

The shield 22 is preferably of metal and preferably has its inner surface 25 provided with a reflecting surface, such, for example, as white enamel. The shield 22 is preferably spaced somewhat above the top 15 of the bowl 13, thereby providing for circulation of air into and out of the bowl 13. The shield 22 is also located well down below the top 26 of the shade 16. The shield 22, by being opaque and located below the top edge 26 of the shade 16, results in an attractive soft light without showing any bright spots on the ceiling. Also, the reflecting surface of the under side of the shield 22 greatly increases the efficiency of the light thrown out through the translucent bowl 13, thus increasing the efficiency of the lamp as a reading lamp and yet providing a maximum of attractive appearance when the lamp is lighted.

By referring to Fig. 4, it will be seen that the shade 16, frame 17, shield 22, and finial 23 are assembled to form a shade unit which may be grasped by the finial 23 and lifted off or placed upon the top edge 15 of the bowl 13, as a unit.

The invention may be carried out in other specific ways than that herein set forth without departing from the spirit and essential characteristics of the invention, and the present embodiment is, therefore, to be considered in all respects as illustrative and not restrictive, and all changes coming within the meaning and equivalency range of the appended claims are intended to be embraced therein.

I claim:

1. A lighting fixture comprising: an upwardly-open translucent bowl adapted to contain a source of light; a frame adapted to rest upon the open top edge of said bowl; a shade open at the top and surrounding and extending above and secured to said frame and surrounding and extending above said bowl; and an opaque shield having a light-reflecting surface on its underface to reflect light downward, and carried by said frame and extending across and located over the top of said bowl and well below the top of said shade.

2. A lighting fixture comprising: an upwardly-open translucent bowl adapted to contain a source of light; a frame adapted to rest upon the open top edge of said bowl; a shade open at the top and surrounding and extending above and secured to said frame and surrounding and extending above said bowl; an opaque shield having a light-reflecting surface on its underface to reflect light downward, and carried by said frame and extending across and located over the top of said bowl and well below the top of said shade; and a finial extending upward from said shield and connected to said shield and said frame.

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