

A. R. PRITCHARD.  
 GUARD FOR LANTERN GLOBES.  
 APPLICATION FILED DEC. 1, 1908.

981,879.

Patented Jan. 17, 1911.

FIG. 1.

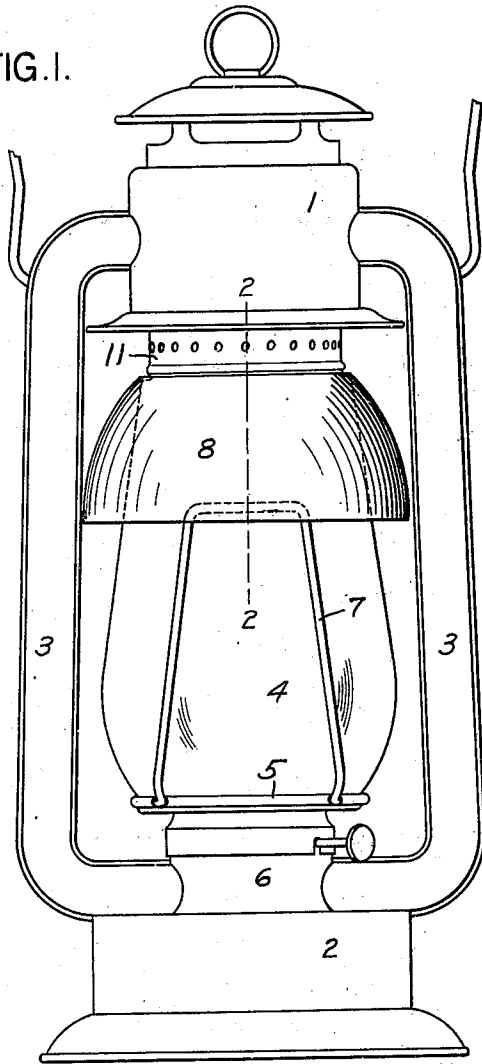


FIG. 2.

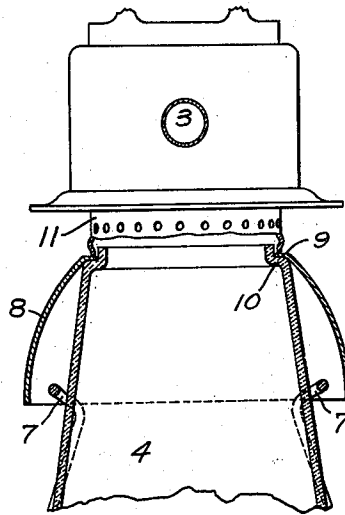


FIG. 3.

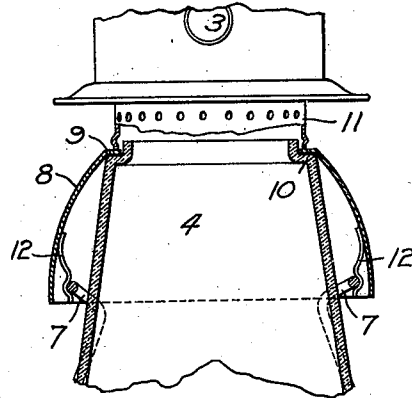
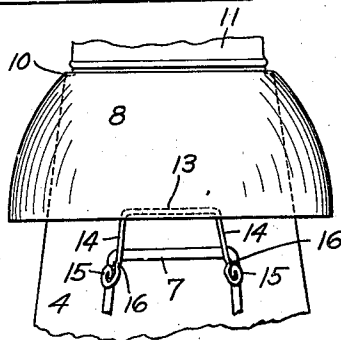


FIG. 4.



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# UNITED STATES PATENT OFFICE.

ALBERT R. PRITCHARD, OF ROCHESTER, NEW YORK.

GUARD FOR LANTERN-GLOBES.

981,879.

Specification of Letters Patent. Patented Jan. 17, 1911.

Application filed December 1, 1909. Serial No. 530,835.

To all whom it may concern:

Be it known that I, ALBERT R. PRITCHARD, a citizen of the United States, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Guards for Lantern-Globes, of which the following is a specification.

This invention relates to guards for lantern globes, and its purpose is to provide a protection against rain and snow, and also to safeguard the lantern globe from the blows and shocks that it is subjected to in use.

A feature of the guard that is important and gives it value is that it can be applied to most, if not all, of the tubular lanterns found on the market, without modifying them.

In the drawings:—Figure 1 is a front elevation of a tubular lantern equipped with the globe guard; Fig. 2 is a vertical section on the line 2—2 of Fig. 1; Fig. 3 is a view similar to Fig. 2, but shows a modification; and Fig. 4 is a front elevation of still another modification.

The lantern shown in Fig. 1 is of a well known type, which has a top 1 and an oil-pot 2, connected together by side-tubes 3. As is usually the case, the globe 4 is shown resting upon the support 5 above the burner 6, and has the well known wire clips 7 to retain it in a vertical position.

The globe-guard is a bell-shaped shield 8, preferably of pressed metal, which is open at the top and bottom. A circular lip 9 is shown on its upper edge, which is adapted to rest on the shoulder 10 usually found on the upper end of lantern globes. The draft tube 11 is forced downward by spring pressure, as usual, till its lower edge rests on the lip 9, and so holds the guard 8 down tightly upon the globe-shoulder 10 and maintains it in proper alinement. When the guard is to be removed, the draft tube 11 is lifted till the guard can be swung aside with the globe and taken from it.

In the modified construction illustrated in Fig. 3, the guard 8 has an additional support at its lower edge in the form of springs 12, that are soldered or otherwise fastened on its inner surface. These springs are

crimped so that they yieldingly engage the upper part of the globe clips 7, and serve to steady the cup-shaped guard 8 while in place on the globe and lock it in place. When the guard is removed, the springs 12 are disengaged by only little extra effort.

In Fig. 4 a spring-wire 13 is shown that has two depending ends 14. This wire is soldered or otherwise fastened to the inside of the guard 8 as in the former case, and the depending ends 14 tend to move away from each other. The extremities of the ends are formed into suitable finger grips 15, and immediately above said grips the wire is crimped laterally, making two shoulders 16 that engage behind and under a clip 7, so holding the guard down in place without assistance from the draft tube 11. When the grips 15 are pressed toward each other the shoulders 16 are released from the clips 7, and the guard can be removed from the globe.

The upper part of the globe is the hottest and becomes so hot that in the rain or snow it is liable to break, unless protected, and this guard does protect it perfectly. The guard also serves to protect the whole globe from whatever falls upon the lamp, as well as from other causes of damage when in use.

What I claim is:—

1. The combination with a lantern, including a globe and a draft tube forced downwardly by spring pressure, of a bell-shaped guard having at its contracted end a circular lip adapted to lie upon the usual shoulder at the top of the globe, and to be engaged by the draft tube under pressure of its spring; substantially as shown and described.

2. The combination with a lantern, including a globe and clips for retaining the latter in vertical position, of a bell-shaped guard hung from the lantern at a point adjacent the top of the globe; and means for locking the guard to a clip to hold the guard in place; substantially as shown and described.

3. The combination with a lantern, including a globe and clips for retaining the latter in vertical position, of a bell-shaped guard hung from the lantern at a point adjacent the top of the globe; and a catch on

the guard adapted to engage a clip to hold the guard in place; substantially as shown and described.

5 4. The combination with a lantern, including a globe and clips for retaining the latter in vertical position, of a bell-shaped guard hung from the lantern at a point adjacent the top of the globe; and a spring

catch on the guard adapted to engage a clip to hold the guard in place; substantially as shown and described. 10

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