

J. A. AMOS AND E. WANAMAKER,

PORTABLE LAMP.

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1,435,133.

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Fig.1.

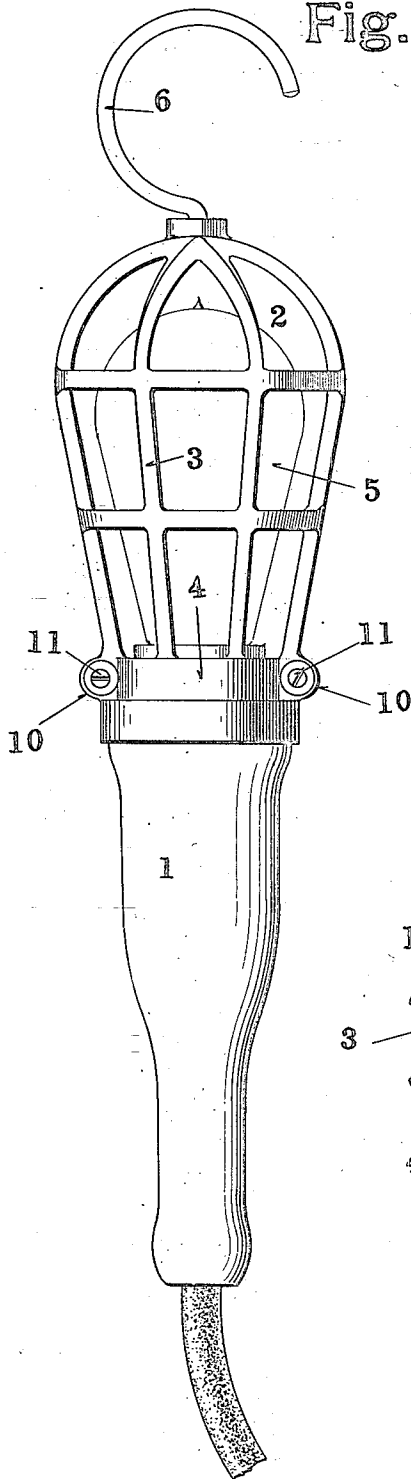


Fig.2.

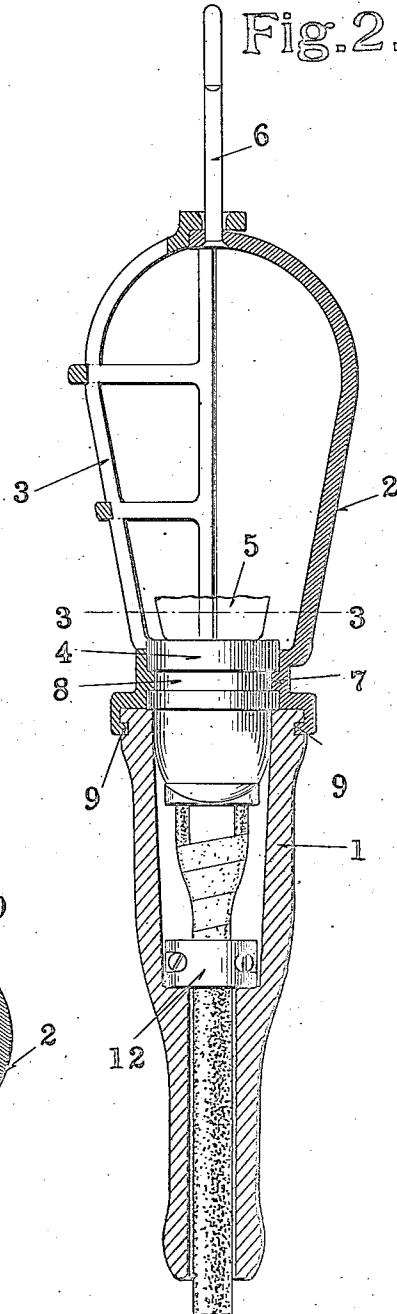
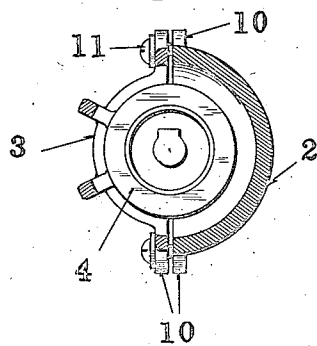


Fig.3.



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JOHN A. AMOS, OF ST. LOUIS, MISSOURI, AND ERNEST WANAMAKER, OF CHICAGO, ILLINOIS.

PORTABLE LAMP.

Application filed October 20, 1921. Serial No. 508,977.

To all whom it may concern:

Be it known that we, JOHN A. AMOS and ERNEST WANAMAKER, citizens of the United States of America, residing at the city of St. Louis, State of Missouri, and at Chicago, county of Cook, State of Illinois, respectively, United States of America, have invented a certain new and useful Portable Lamp, of which the following is such a full, clear, and exact description as will enable any one skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

Our invention relates to a portable electric lamp comprising a lamp guard, handle, and socket constructed and assembled in a novel manner.

Among the objects of the invention are to produce a portable lamp which is of simple but rigid mechanical construction and may be readily disassembled for the insertion of an electric light bulb; which will be completely free from any exposed conducting parts and possibility of accidental "grounds;" and one in which the socket, handle and guard are rigidly connected without the use of any screws engaging with wood, or other relatively soft material. Other objects and advantages of our improved portable lamp will appear from the following more detailed description.

In the accompanying drawings, Figure 1 is a side elevational view of a lamp embodying our invention; Figure 2 is a longitudinal cross sectional view; and Figure 3 is a transverse cross sectional view on the line 3-3 of Figure 2.

1 represents a handle which is preferably of wood or other suitable insulating material. The guard for the electric lamp 5 is sectional and in the preferred form comprises two separable parts 2 and 3 and the lower portions of the guard members are provided with inwardly projecting flanges 7 adapted to be seated in a circumferential groove 8 in the lamp receptacle 4. The lower ends of the guard portions are also provided with inwardly projecting flanges 9 to engage with a circumferential groove in the handle 1. The hook 6 is attached to the outer end of the guard member 2 and guard member 3 is provided with a projecting boss having an opening therethrough

for the passage of the hook. Both portions 55 of the guard members are provided with a pair of ears 10 and the screws 11 cooperating with these ears serve to clamp the guard members in position to embrace and hold the handle and the lamp socket.

The conducting wires for the lamp extend through the handle and strain on the connections of the conductors with the lamp socket is prevented by the strain relief member 12 which clamps over the conductors 65 and bears against the lower wall of the recess in the handle into which the socket extends.

The lamp, handle and socket are assembled by first threading hook 6 through the boss on the outer end of the guard member 3 and then bringing the inner ends of the guards together over the lamp socket and handle.

It will be noted that in the construction 75 described, the lamp socket is carried by the lamp guard and in rigid relation thereto and connection between the handle and guard members is made without the use of screws or threads. The outer wall of the socket is of insulating material, and no conducting parts are near or adjacent to the lamp guard or handle and the apparatus is thus rendered entirely safe for handling. The socket being carried by the guard and 85 rigidly held thereby cannot become loosened and the lamp is thus securely held from accidental breakage by being brought into contact with the walls of the guard.

In the form shown guard member 2 is im- 90 perforate and serves as a reflector but if light in all directions is desired it can be made in skeleton form like guard member 3.

Having fully described our invention, what we claim as new and desire to secure 95 by Letters Patent of the United States is:

1. In a portable lamp, the combination of a handle provided with a circumferential groove, a lamp receptacle provided with a circumferential groove, and a sectional lamp 100 guard each section being provided with two inwardly projecting shoulders adapted to register with the grooves in the lamp receptacle and the handle.

2. In a portable lamp, the combination of 105 a handle, a lamp receptacle, and a metal lamp guard comprising separable sections, said handle and receptacle being each

clamped between the sections of the guard and the portions of the receptacle and handle engaged by the guard being of insulating material.

5 3. In a portable lamp, the combination with a lamp receptacle and handle therefor, of a lamp guard adapted to clamp said parts in operative relation.

10 4. In a portable lamp, the combination with a lamp receptacle and handle therefor, of a lamp guard adapted to clamp said parts in operative relation, said guard comprising a plurality of separable sections.

15 5. In a portable lamp, the combination of a lamp receptacle, a handle, and a multipart lamp guard, the receptacle and handle being independently held in fixed relation with

the guard by being clamped between the parts thereof.

6. In a portable lamp, the combination of 20 a handle provided with a circumferential groove, a lamp receptacle provided with a circumferential groove, a sectional lamp guard each section being provided with two inwardly projecting shoulders adapted to 25 register with the grooves in the lamp receptacle and the handle, and means for holding said shoulders in engagement with the grooves whereby the receptacle and handle are held in fixed relation. 30

In testimony whereof, we have hereunto set our hands and affixed our seals.

JOHN A. AMOS. [L. s.]

ERNEST WANAMAKER. [L. s.]