

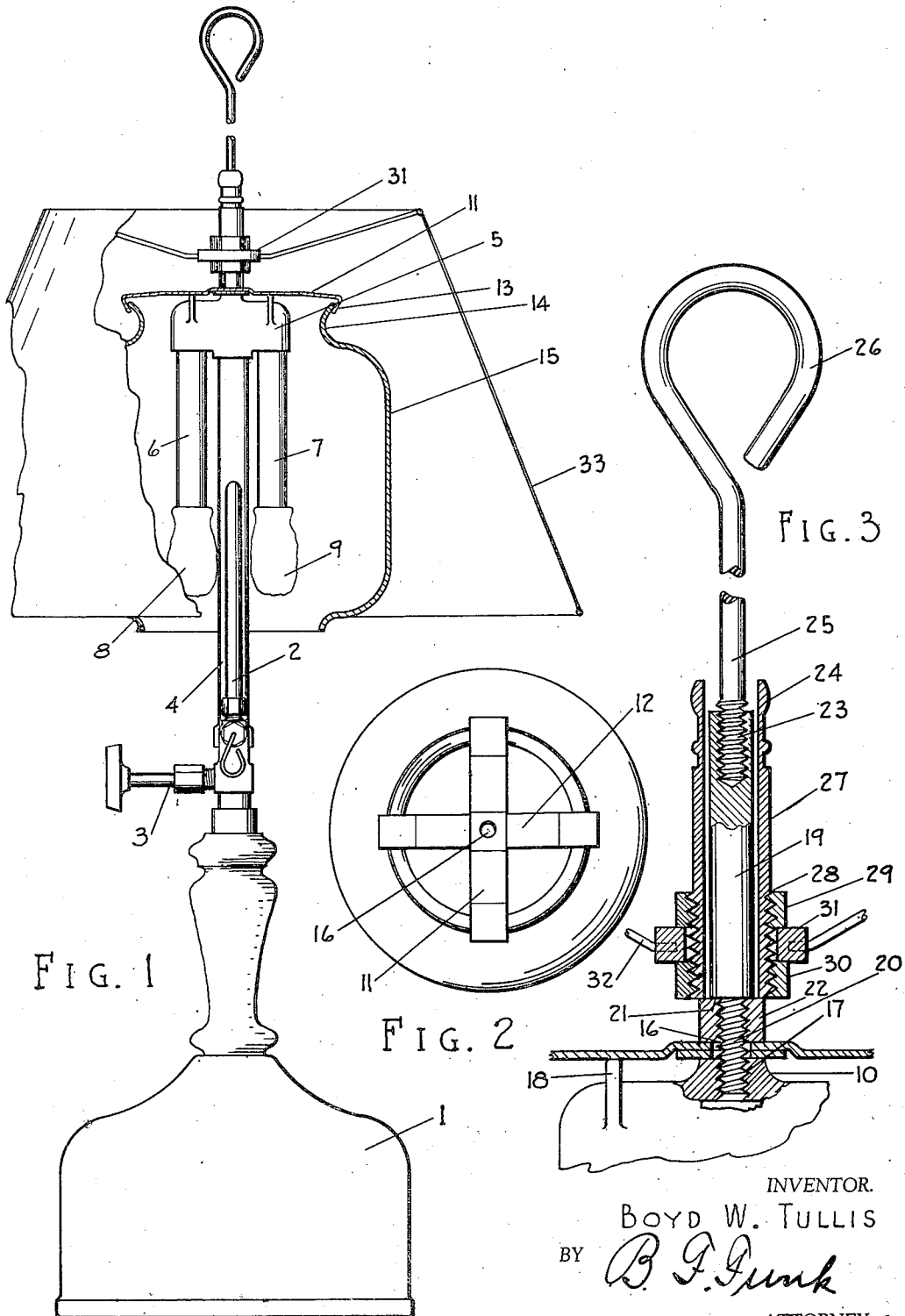
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SHADE HOLDER AND LAMP HANGER

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# UNITED STATES PATENT OFFICE

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## SHADE HOLDER AND LAMP HANGER

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4 Claims. (Cl. 240—83)

This invention relates to illuminating fuel burning devices such as lamps and lanterns and the primary object of the invention is to provide an improved type of lamp with a novel form of shade holder and a lamp hanger whereby the lamp is adapted to be used as a table lamp or may be hung from a support. It is also the purpose of this invention to provide a novel form of globe holder.

Wherever the term lamp is used in this description and in the claims it is contemplated that it shall cover any form of illuminating device, whether a lamp or lantern.

The novelty of the invention will be understood by reference to the following description in connection with the accompanying drawing in which:

Figure 1 is an elevational view of a lamp constructed in accordance with my invention, parts being broken away to better illustrate certain other parts.

Figure 2 is a plan view of the globe holder, and

Figure 3 is an enlarged sectional view through the shade holder and part of the burner, the hanger being shown in elevation.

Referring now to the drawing by numerals of reference 1 designates a font provided with the usual filler plug and the pump for introducing air pressure on top of the liquid in a manner well known to those skilled in the art. The liquid is supplied to the generator from a pipe which leads to the generator 2 and which is controlled by a valve 3 in a well understood manner. The generator discharges into the air pipe 4, connected to the burner head 5 which burner head has depending tubes 6 and 7 carrying the mantles 8 and 9 in the usual manner. All of this structure is old and well known. The burner head is shown as provided with a boss 10 on which are two globe supporting members 11 and 12 consisting of cross bars with depending lips 13 to engage the flange 14 of a globe 15 which surrounds the mantles so that the globe can be supported from the top. Each bar is provided with a hole 16 coinciding with a threaded recess 17 in the burner head and the bars may rest upon the projection 18 on the burner head so that when they are clamped to the burner head they will be relatively rigid. The bars are clamped to the burner head by an upstanding projection 19 which has a lower, reduced threaded end 20 engaging the recess 17 and provided with a shoulder 21 which bears against a nut or collar 22, one end of which butts against the shoulder and the other against the top globe supporting bar. Therefore, when the upstanding projection 19 is screwed down into the threaded recess 17 the bars 11 and 12 will be clamped against the boss on the head. The

projection 19 has a threaded recess 23 at its upper end to be engaged by the threaded end 24 of the hanger 25 provided with an eye 26 to engage a hook or other support so that the lamp or lantern can be hung in an obvious manner. The shade holder is shown as consisting of a tubular member 27, the lower end of which is threaded as at 28. There are two spaced nuts or collars 29 and 30 on the threaded end 28 and they are adapted to clamp an arm supporting collar 31 between them. The collar 31 has radial arms 32 projecting outwardly therefrom to provide a frame for the shade 33. It will be noted that the tube 27 carrying the frame and shade can be lifted from the projection 19 when the hanger 25 is out of engagement with the projection so that the shade can readily be removed when desired.

The arrangement heretofore described provides a convenient way of adapting a lamp or lantern for table use or for suspending it.

What I claim is:

1. A lamp having a burner, a globe support on the burner, an upstanding projection on the burner having a shoulder, a collar on the projection between the shoulder and globe support to clamp the globe support to the burner and a shade holder sleeved on the upstanding projection.

2. A lamp having a burner, a globe support on the burner, an upstanding projection on the burner having a shoulder, a collar on the projection between the shoulder and the globe support to clamp the globe support to the burner and a shade support loosely mounted on the upstanding projection and adapted to rest upon the collar.

3. A lamp having a burner, a globe support on the burner having a shoulder, a collar on the projection between the shoulder and the globe support to clamp the globe support to the burner and a shade support loosely mounted on the upstanding projection and adapted to rest upon the collar, said shade support including a sleeve, a collar on the sleeve, radial shade supporting members on the collar and a clamping nut on the sleeve to hold the last named collar on the sleeve.

4. A lamp having a burner, a globe support on the burner, an upstanding projection on the burner having a shoulder, a collar on the projection between the shoulder and the globe support to clamp the globe support to the burner and a shade support loosely mounted on the upstanding projection and adapted to rest upon the collar, said shade support being vertically slidable on the upstanding projection whereby it may be freely moved therefrom.

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