Feb. 14, 1956 G. L. NORWOOD 2,734,998

ELECTRIC LAMP WITH INTERIORLY ILLUMINATED HOLLOW STAND

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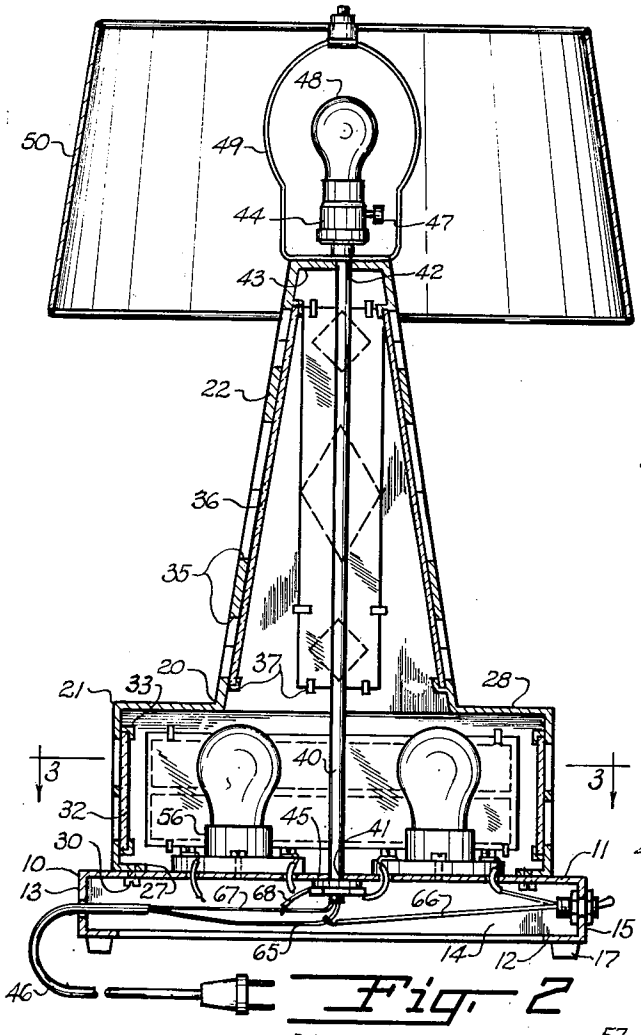


Fig. 2

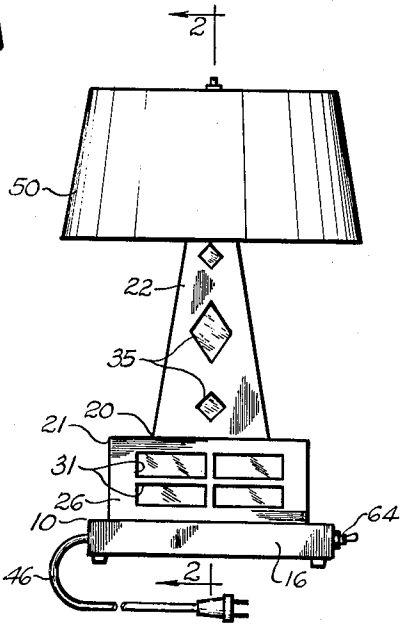


Fig. 1

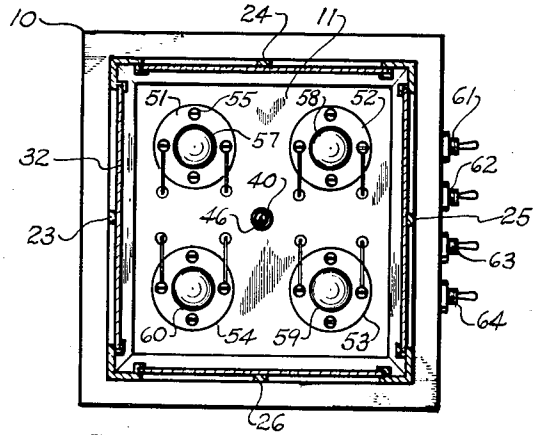


Fig. 3

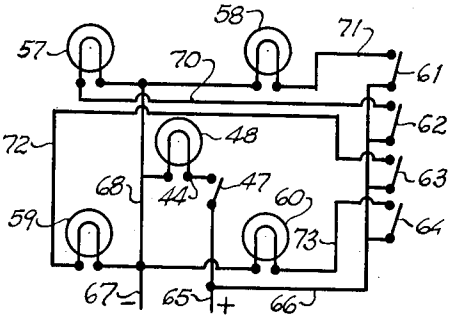


Fig. 4

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ELECTRIC LAMP WITH INTERIORLY ILLUMINATED HOLLOW STAND

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2 Claims. (Cl. 240—81)

This invention relates to portable electric lamps and more particularly to a portable table or floor lamp having an interiorly illuminated hollow stand.

It is among the objects of the invention to provide a portable electric lamp having a hollow stand provided with light emitting openings and lamp bulbs in the stand for transmitting light through the openings therein; which has lamp bulbs of different colors in the hollow stand and switch means individually controlling the illumination of the several lamp bulbs, so that these lamp bulbs may be selectively illuminated singly or in desired combinations; which may have a clear bulb and a shade mounted on the stand and a separate switch for the clear bulb, if desired; and which is simple and durable in construction, economical to manufacture, safe to use, and attractive in appearance.

Other objects and advantages will become apparent from a consideration of the following description and the appended claims in conjunction with the accompanying drawing wherein:

Figure 1 is a side elevational view of a portable electric lamp illustrative of the invention;

Figure 2 is a longitudinal cross sectional view on an enlarged scale on the line 2—2 of Figure 1;

Figure 3 is a transverse cross sectional view on the line 3—3 of Figure 2; and

Figure 4 is a wiring circuit diagram of the lamp.

With continued reference to the drawing, the lamp in the form illustrated, has a hollow base **10** of rectangular or substantially square shape having spaced apart and substantially parallel top and bottom walls **11** and **12** and side walls **13** to **16** inclusive extending between the corresponding edges of the top and bottom walls and disposed substantially perpendicular to the top and bottom walls and to each other. The bottom wall **12** is provided with an opening occupying the major portion of its area and legs or buttons **17** project from the outer surface of the bottom wall, one at each corner of the base, for supporting the lamp on a supporting surface, such as a table top in the case of a table lamp, or on a floor in the case of a floor lamp.

A hollow stand, generally indicated at **20**, is mounted on the top wall **11** of the base **10** and includes a lower portion **21** of rectangular shape and an upper portion **22** of pyramidal shape extending upwardly from the top of the lower portion **21**. The lower portion has side walls, as indicated at **23** to **26** inclusive, disposed perpendicular to each other, and has at its bottom flanges, as indicated at **27**, extending perpendicularly inwardly from the bottom edge of each of the side walls **23** to **26** inclusive and resting upon the top surface of the top wall **11** of the base. The lower portion **21** also has a flat top wall **28** provided with a central opening registering with the open bottom end of the pyramidal upper portion **22** of the stand and the upper and lower portions of the stand **20** and the base **10** preferably have a common center line perpendicular to the top wall **11** of the base.

The stand **20** is detachably secured to the base **10** by

suitable means, such as the screws **30** which extend through the apertures in the top wall **11** of the base and are threaded into tapped holes in the bottom flange **27** of the stand. Each side wall of the bottom portion of the stand is provided with openings, as indicated at **31**, arranged in a desired pattern and transparent panes, as indicated at **32**, are disposed, one against the inner side of each of the side walls of the lower portion of the stand in covering relationship to the openings in the corresponding side walls and are secured to the side walls by suitable means, such as the clips **33** secured to the side walls and marginally engaging the transparent panes.

The walls of the pyramidal upper portion **22** of the stand are also provided with openings, as indicated at **35**, of any desired shape and arranged in any desired pattern, and panes of transparent material, as indicated at **36**, are disposed one against the inner side of each wall of the upper portion of the stand in covering relationship to the openings of the corresponding wall and are secured to the corresponding walls by suitable means, such as the clips **37** secured to the walls of the upper portion of the stand and marginally overlying the transparent panes **36**.

While the lamp base has been shown as of rectangular shape and the stand has been shown as having a bottom portion of rectangular shape and a pyramidal portion extending upwardly from the bottom portion, and a particular shape and arrangement of openings has been shown in the side walls of the stand, it is to be understood that the shape of the base and the hollow stand and the shape and arrangement of the openings in the walls thereof may be varied without in any way exceeding the scope of the invention.

A rigid lamp cord tube **40** extends at one end through a centrally located aperture **41** in the top wall **11** of the base **10** and extends through the stand **20** substantially perpendicular to the top wall of the base with its end remote from the base extending through a centrally located aperture **42** in the top wall **43** of the stand.

A lamp bulb socket **44** of known construction is threaded onto the screw threaded upper end portion of the tube **40** above the top wall **43** of the stand, and a nut **45** is threaded onto the screw threaded lower end portion of the tube below the top wall **11** of the base **10** and this tube assists in firmly securing the stand to the base.

An extension cord **46** leads into the lower end of the tube **40** and extends through this tube to the bulb socket **44** to which it is connected, the bulb socket including a switch operated by a switch knob or lever **47** in a well known manner. A clear electric light bulb **48** is mounted in the socket **44** and a shade supporting harp **49** is secured at one end by the socket **44** against the top surface of the top wall **43** of the stand and extends upwardly from the top wall of the stand around the bulb **48**. A lamp shade **50** of known construction is mounted on the upper end of the harp **49** and surrounds the bulb **48**.

It is to be understood, however, that the bulb **48**, harp **49** and shade **50** may be omitted, if desired, without exceeding the scope of the invention.

Lamp bulb receptacles **51** to **54** inclusive are disposed on the upper surface of the top wall **11** of the base in surrounding relationship to the cord tube **40** and one near each corner of the rectangular top wall, and these receptacles are secured to the base by suitable means, such as the screws **55**, and have upwardly opening lamp bulb sockets, as indicated at **56**, one on each receptacle. Differently colored lamp bulbs, as indicated at **57** to **60** inclusive, are mounted one in each of the receptacles **51** to **54** inclusive, and each receptacle is provided with an individual energizing circuit for illuminating the lamp

bulbs **57** to **60** either separately or in desired combination.

Toggle switches, as indicated at **61** to **64** inclusive, are mounted in apertures in the side wall **15** of the base **10** in spaced apart relationship to each other and are all connected at one side to the wire **65** of the extension cord **46** by a common conductor **66**. The bulb receptacles **51** to **54** inclusive are all connected at one side to the other wire **67** of the extension cord **46** by a common conductor **68**, and the bulb receptacles are respectively connected at their other sides to the sides of the switches **61** to **64** not connected to the conductor **61** by individual conductors, as indicated at **70** to **73** inclusive.

With this arrangement, the lamp bulbs **57** to **60** inclusive may be selectively illuminated individually by closing the appropriate switches **61** to **64** inclusive, or may be illuminated in desired combinations by closing selected switches and the clear bulb **48** may be turned on and off by the switch actuator **47**, as may be desired. When the lamp bulbs **57** to **60** inclusive in the hollow stand are illuminated, differently colored light or light of different combinations of colors is emitted through the light emitting openings in the hollow stand.

The invention may be embodied in other specific forms without departing from the spirit or essential characteristics thereof. The present embodiment is, therefore, to be considered in all respects as illustrative and not restrictive, the scope of the invention being indicated by the appended claims rather than by the foregoing description, and all changes which come within the meaning and range of equivalency of the claims are, therefore, intended to be embraced therein.

What is claimed is:

1. A portable electric lamp comprising a hollow base having a top wall, a hollow stand provided with light emitting openings and including a lower rectangular portion having side walls provided with flanges extending perpendicularly inward for attachment to said top wall and an upstanding pyramidal upper portion, a plurality of lamp bulbs of different colors mounted in spaced relation on said hollow base top wall and disposed to extend vertically within said lower portion of said stand for emitting colored light through the openings in said stand, and an individual energizing circuit operatively connected to each of said lamp bulbs including a manually operated switch for controlling the particular circuit, said switches being mounted in a wall of said base in spaced apart relation to each other.

2. A portable electric lamp comprising a hollow base having a top wall, a hollow stand including a lower rectangular portion having side walls provided with flanges extending perpendicularly inward for attachment to said top wall and an upstanding pyramidal upper portion, said rectangular portion and pyramidal upper portion having spaced light emitting openings therein, a plurality of lamp bulbs of different colors mounted in spaced relation on said hollow base top wall and disposed to extend vertically within said lower portion of said stand for emitting colored light through the openings in said lower portion and said pyramidal upper portion, and an individual energizing circuit operatively connected to each of said lamp bulbs including a manually operated switch for controlling the particular circuit, said switches being mounted in a wall of said base in spaced apart relation to each other.

References Cited in the file of this patent

UNITED STATES PATENTS

744,348	Hurst	Nov. 17, 1903
1,737,030	Stephens	Nov. 26, 1929
1,745,365	Feiler	Feb. 4, 1930
1,809,181	Ramsden	June 9, 1931
2,167,458	Lieberman	July 25, 1939
2,261,514	Dunigan	Nov. 4, 1941
2,436,162	Cadenas	Feb. 17, 1948