G. B. SWINEHART.

PORTABLE ELECTRIC LAMP.

APPLICATION FILED FEB. 13, 1911.

1,084,375.

Patented Jan. 13, 1914.

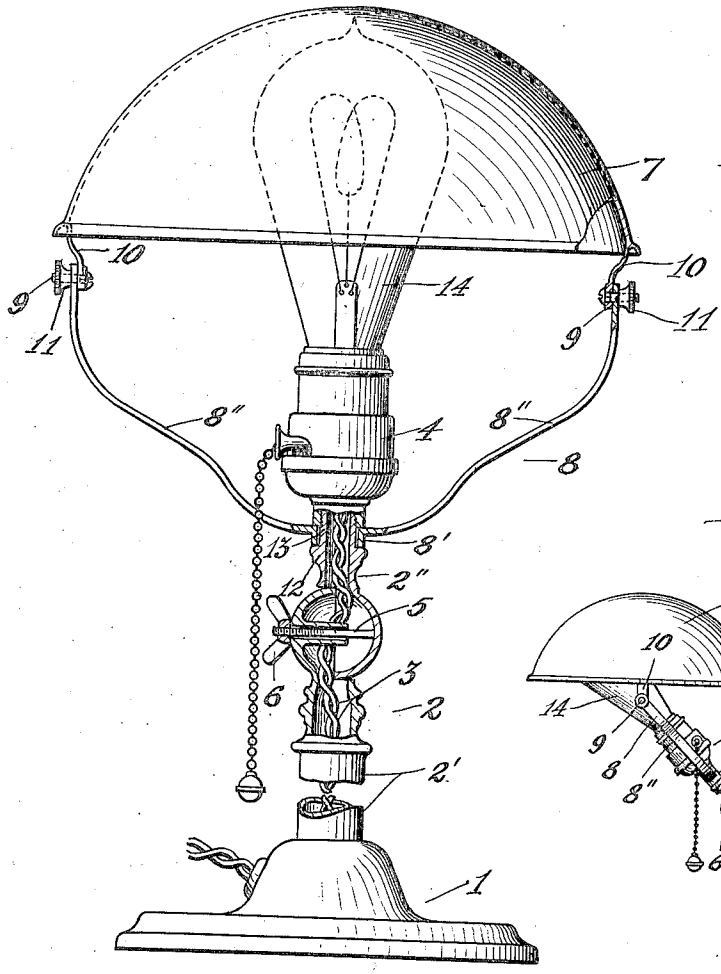
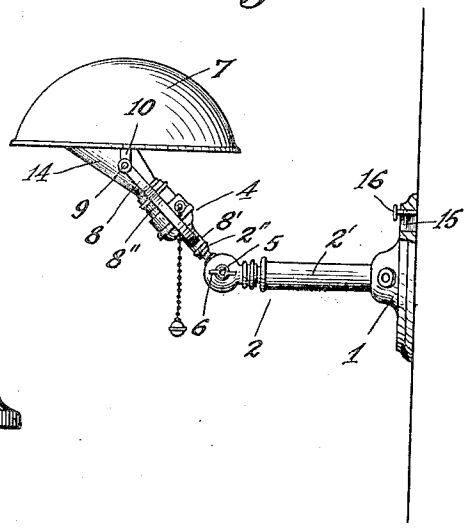


Fig. 1.

Fig. 3.



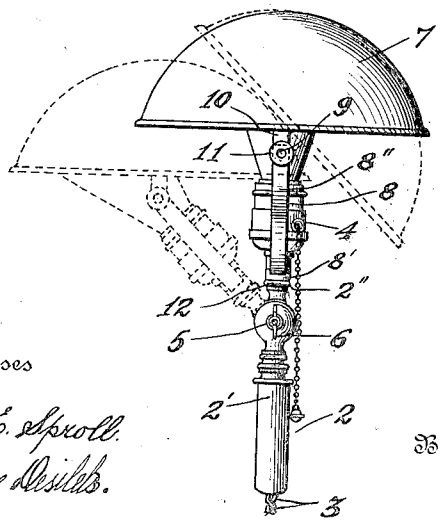


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

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PORTABLE ELECTRIC LAMP.

1,084,375. Specification of Letters Patent. Patented Jan. 13, 1914.

Application filed February 13, 1911. Serial No. 608,409.

To all whom it may concern:

Be it known that I, GEORGE B. SWINEHART, a citizen of the United States of America, and a resident of the city of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Portable Electric Lamps, of which the following is a specification.

My invention relates to lamps of the above type, and has for its primary object the provision of a novel arrangement of parts through which the direction of projection of the light can be varied.

With the above and other objects in view, to be referred to as the description progresses, my invention consists in the features of construction, and in the arrangements and combinations of parts hereinafter described, and more particularly defined in my annexed claims.

Referring to the accompanying drawing, illustrating a preferred embodiment of my invention, and wherein like numerals of reference indicate like parts throughout: Figure 1 is an elevation of the lamp, portions being broken away. Fig. 2 is a fragmentary elevation of the lamp, viewed from a different standpoint with respect to Fig. 1, and illustrating by broken lines the reflector in different positions of adjustment, and Fig. 3 illustrates the device applied to a wall to serve as a bracket.

Referring to the drawing by numerals of reference, 1 indicates a base, and 2 a stem or post carried by said base and preferably composed of tubular sections 2′, 2″ through which the circuit wires 3 extend to the lamp socket 4, with which they are connected in the usual manner.

Sections 2′ 2″ are connected, for relative angular movement of the latter thereof, by a pivot 5 which is conveniently fixed to the section 2′ and has its free end portion threaded and projecting through section 2″ and provided with a clamping nut 6, by which latter section 2 ′ is held as adjusted.

Reference numeral 7 indicates a reflector spaced outwardly from socket 4 and supported, as by a holder or bracket 8 for adjustment transversely thereof.

Holder or bracket 8 conveniently comprises a hub part 8′ swiveled on the outer end portion of section 2″, and provided with oppositely disposed outwardly projecting arms 8″ to the free end portions of which reflector 7 is connected by pivots 9, which, as now considered are suitably held in lugs 10 of the reflector and having projecting threaded end portions provided with thumb nuts 11.

To mount the reflector holder or bracket 8 for rotary adjustment as hereinbefore described, section 2″ preferably has its free end portion formed with a shoulder 12, outwardly from which projects a nipple 13 whose free end portion is screw threaded for engagement with the lamp socket 4, which latter when mounted presses hub part 8′ against shoulder 12 to thereby frictionally hold the same in its various positions of adjustment.

By my improved construction, I am enabled to employ a concave or dome shaped reflector, or a combined shade and reflector, which in one position of adjustment, will extend over the end of the lamp 14 and well down over the sides thereof, as shown in Figs. 1 and 2. From this position, reflector 7 can be adjusted to either side of lamp 14, with stem section 2″ or independently thereof, as indicated by broken lines in Fig. 2, the last named or independent adjustment being effected through swinging reflector 7 either on its axis, provided by pivots 9, or by rotary adjustment of holder 8 on stem section 2″.

Base 1 is preferably provided with an eye 15, or the like to permit of the device being supported from the wall or other upright part by being engaged with a suitable suspension device, as 16 thereof, as shown in Fig. 3.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States of America, is:

1. In a device of the character described, a lamp supporting means comprising hollow post sections one of which is adjustable on the other, the stationary section being provided with an apertured inwardly extending sleeve integral therewith, and the adjustable section having an inwardly extending threaded member receivable in the sleeve of the stationary section, means on the threaded member for retaining the two sections together, said sleeve guarding the circuit wires to an electric lamp passing through the hollow post section from engaging with the threaded member which is

movable with the adjustable post section, and a reflector carried on the adjustable post section.

2. In combination with a lamp including a socket, a post formed of upper and lower sections, means pivotally connecting the sections of said post, a base on one of said post sections, a bracket mounted on the other post section and provided with an arm, said bracket being retained on said section by the socket and in set adjustments through frictional engagement with the socket, a concave reflector spaced outwardly from said lamp and adapted to receive the outer end portion thereof, said reflector having a lug projecting from its edge, and means pivotally connecting said lug with the arm of said bracket.

Signed at Seattle, Washington, this 3rd day of February 1911.

GEORGE B. SWINEHART.

Witnesses:

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