June 29, 1937. S. STOWICK 2,085,614

SPOTLIGHT

Filed Aug. 6, 1936

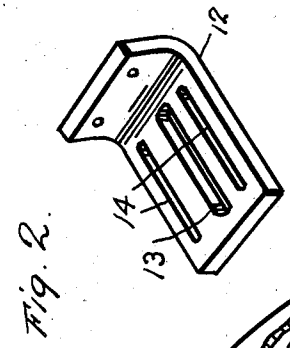


Fig. 2.

Fig. 1.

Inventor

Stanley Stowick

By Clarence A. O'Brien

Hyman Berman

Attorneys

Patented June 29, 1937 2,085,614

UNITED STATES PATENT OFFICE

2,085,614

SPOTLIGHT

Stanley Stowick, Chicago, Ill.

Application August 6, 1936, Serial No. 94,652

1 Claim. (Cl. 240—44.2)

The present invention relates to new and useful improvements in spot lights and has for one of its important objects to provide, in a manner as hereinafter set forth, a device of this character embodying a novel electric bulb or lamp mounting whereby said lamp may be expeditiously adjusted as desired to properly focus the light.

Other objects of the invention are to provide a spot light of the aforementioned character which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, attractive in appearance and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:—

Figure 1 is a view partially in side elevation and partially in section of a spot light constructed in accordance with the present invention.

Figure 2 is a detail view in perspective of the supporting bracket on which the electric lamp is adjustably mounted.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a substantially bullet-shaped casing 1 of suitable metal which terminates, at its small end, in a rearwardly and downwardly projecting tapered extension 2. Mounted on the extension 2 is a pistol-type handle 3. The casing 1 is mounted for universal swinging movement on a suitable support, such as a ball and socket arrangement 4. The external diameter of the forward end portion of the casing 1 is reduced, as at 5, and mounted therein is a forwardly projecting ring 6 which is secured by screws 7. It will be noted that the rear end of the ring 6 is engaged with the shoulder which is formed by the reduction 5. Mounted in the forwardly projecting portion of the ring 6 is an inner ring 8 which is secured by screws or other suitable elements 9. The ring 8 is in abutting engagement with the forward end of the casing 1. The outer and inner rings 6 and 8, respectively, terminate, at their forward ends, in inturned flanges 10 between which the peripheral portion of a substantially plano-convex lens 11 is engaged.

Mounted in the rear portion 2 of the casing 1 is a horizontal metallic bracket 12 having intermediate and outer slots 13 and 14, respectively, formed longitudinally therein. Mounted for longitudinal adjustment on the bracket 12 is an upstanding socket 15 for the reception of a single contact electric lamp 16. The socket 15 includes a base 17 which is secured to the bracket 12 by screws 18, said screws being adjustable in the outer slots 14. The reference numeral 19 designates a contact which is engaged by the usual contact on the base of the lamp 16, said contact 19 passing through and being adjustable in the intermediate slot 13. A conductor wire 20 from a suitable source of current supply is connected to the contact 19. An opening 21 is provided in the casing 1 for the entrance of the conductor wire 20. Further, it will be observed that the conductor wire 20 passes through the universal mounting 4 of the casing 1.

It is thought that the operation of the invention will be readily apparent from a consideration of the foregoing. To focus the spot light it is only necessary to loosen the securing screws 18 and shift the socket 15, with the lamp 16 therein, longitudinally on the supporting bracket 12. By simply removing the screws 7, the lens 11 may be removed from the casing 1 for permitting access to be had to the interior of the spot light.

It is believed that the many advantages of a spot light constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:—

A spot light comprising a casing, a lens mounted on said casing, a bracket mounted horizontally in the casing, said bracket having spaced, parallel, longitudinal slots therein and including a pair of outer slots and an intermediate slot, a socket adjustably mounted on the bracket and including a base, an electric lamp in said socket, securing elements for the socket engaged in said base and adjustable in said outer slots and a contact for the lamp depending from the socket and adjustable in the intermediate slot.

STANLEY STOWICK.