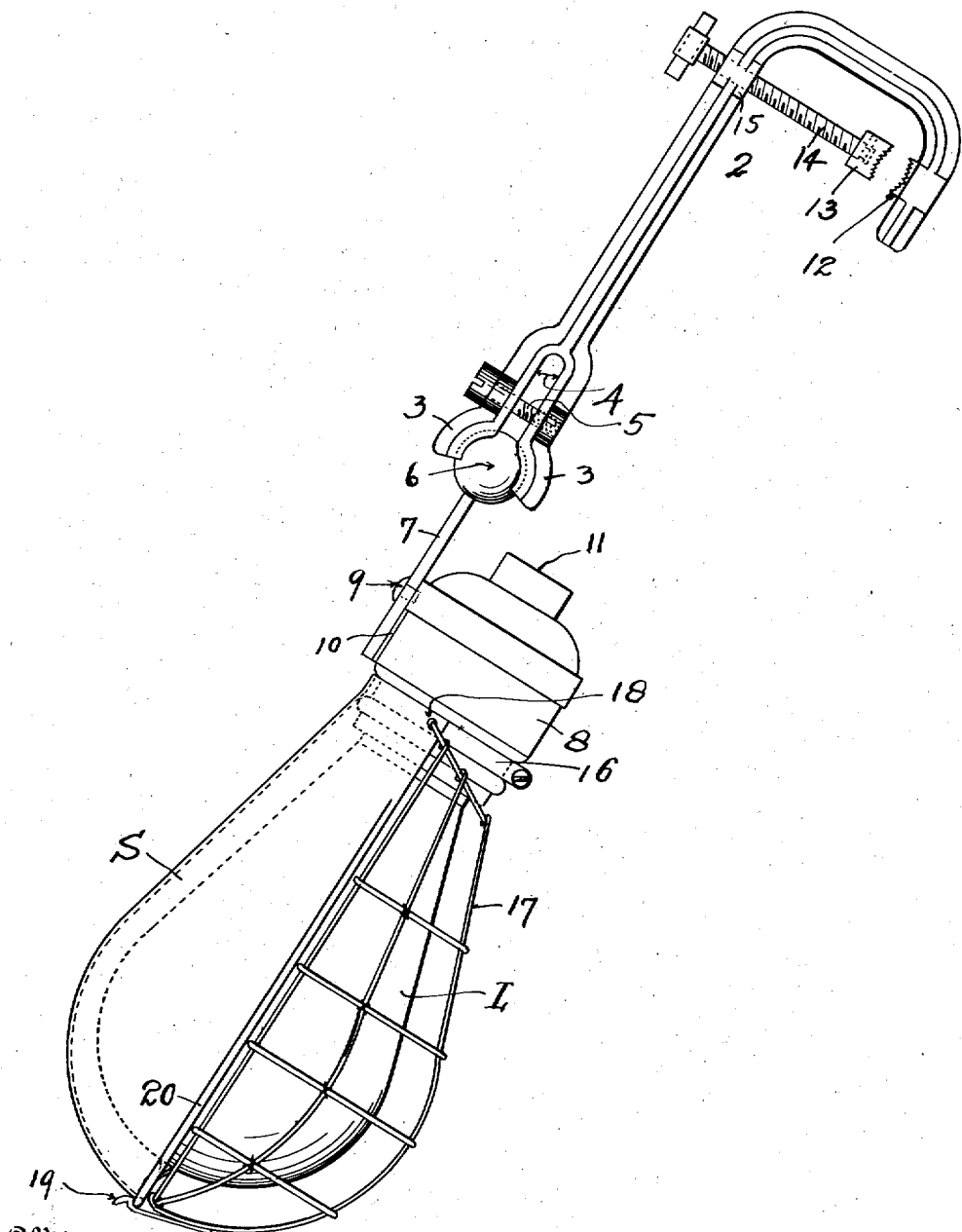


E. K. SOUTHWICK.
LIGHT HOLDER.
APPLICATION FILED FEB. 24, 1910.

972,480.

Patented Oct. 11, 1910.



Witnesses:
John Frew

Inventor
Edward K. Southwick
By his Attorney, *W. B. Barney*

UNITED STATES PATENT OFFICE.

EDWARD K. SOUTHWICK, OF NEWARK, NEW JERSEY.

LIGHT-HOLDER.

972,480.

Specification of Letters Patent.

Patented Oct. 11, 1910.

Application filed February 24, 1910. Serial No. 545,746.

To all whom it may concern:

Be it known that I, EDWARD K. SOUTHWICK, a citizen of the United States, and a resident of Newark, in the county of Essex and State of New Jersey, have invented a certain new and useful Improvement in Light-Holders, of which the following is a specification.

The object of this invention is to provide a lamp suitable for use in garages and other locations, in working about dark or hidden machinery and the like, and to have the same so suspended or supported and shaded that the light may be turned to any desired direction to permit of repairs, adjustments and inspections of the machinery or parts to be made.

One embodiment of the invention is shown in the accompanying drawing, forming part hereof, in which—

The reference numeral 2 designates a metal hook, which is provided, at the end of one arm thereof, with one member of a ball and socket joint, as with the female member thereof. Such female member may be formed in the ends 3 of a fork 4, a suitable screw 5, which passes freely through one arm of said fork and which engages with a screw-threaded hole in the other arm of said fork, being used to adjust the pressure of the parts 3 on the ball 6, whereby said ball and parts connected thereto to move therewith may be firmly held in any position by friction and yet may be turned to any other position without one having to touch the adjustment of the screw 5. The ball 6 is provided with an arm 7, to which a lamp-socket 8 is connected in any suitable manner, as by a screw 9, or solder 10, or both screw and solder. An electric light cable enters the socket at 11 in the usual manner, and connects the same with a suitable electric circuit, as will be understood. The socket 8 is, or may be, of a usual or known type or form, and is provided with the usual key (not shown) for switching the light on and off. The hook 2 is also provided, in the preferred arrangement, with fixed and movable clamping jaws, as 12 13, so that the hook may be rigidly but detachably connected with a rod, a shaft, or the like on or about the machinery or body of an automobile to cause said hook to take and keep any desired position with respect thereto. The jaw 13 as shown is swiveled on the end of a screw 14, which screw passes through

and engages with a threaded hole in a bearing 15 on the hook, while jaw 12 may be a side of the hook, but which is preferably a piece of hardened steel attached to the hook 2. The clamp jaws may be serrated as shown to give them a better "bite" on metal.

A reflector S is connected in any suitable manner, as by a clamp ring 16, with the socket 8, and covers about half of the bulb or lamp L, throwing the light thereof practically all in one direction, and also acting as a shield for the eyes of the workman or inspector when said shade or reflector is between the lamp and the eyes. An open wire guard 17 is pivotally connected at 18 with the shade S at opposite sides thereof, and is held in place by a catch 19, or other means, which coacts with a flange 20 at the edge of the shade S. The guard 17 opens widely enough to permit of the insertion and removal of the lamps L, while the shade S is long enough to permit the lamps to be inserted, screwed down into place and unscrewed therefrom and removed, as will be understood.

In use, the lamp is carried around by the hook, and the hook may be hung over a horizontal rod or the like, the lamp may be turned in any direction to cause the light thereof to be thrown into corners and wherever desired, or the hook may be connected to vertical rods or rods so inclined that the hook will slip thereon, by the use of the clamping jaws described. The ball and socket joint permits the lamp to be rotated on its axis as well as swung about the ball as a center of motion, as will be understood.

The invention is not limited to the precise form thereof shown in the drawing and above described, but may be otherwise embodied without departing from the spirit and the scope of the claims herein.

What I claim as new and desire to secure by Letters Patent of the United States is—

1. In a portable light-holder, the combination with a U-shaped hook having one leg of the U longer than the other and the longer leg thereof being provided with one member of a ball-and-socket joint, of a light-reflector, a ball-and-socket joint-member coacting with the first-named joint-member to which said reflector is rigidly connected, and a clamp-screw passing through one leg and coacting with the other leg of said U-shaped hook.

2. In a portable light-holder, the combination with a U-shaped hook having one leg of the U longer than the other and the longer leg thereof being provided with one member of a ball-and-socket joint, of a lamp-socket, a light-reflector, a ball-and-socket joint-member coacting with the first-named joint-member to which said socket and said reflector are rigidly connected, and
10 a clasp-screw passing through one leg and

coacting with the other leg of said U-shaped hook.

Signed at New York city in the county of New York and State of New York this 23d day of February A. D. 1910.

EDWARD K. SOUTHWICK.

Witnesses:

JOHN FREW,
R. W. BARKLEY.

Correction in Letters Patent No. 972,480.

It is hereby certified that in Letters Patent No. 972,480, granted October 11, 1910, upon the application of Edward K. Southwick, of Newark, New Jersey, for an improvement in "Light-Holders," an error appears in the printed specification requiring correction as follows: Page 2, line 10, the compound word "clasp-screw" should read *clamp-screw*; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 15th day of November, A. D., 1910.

[SEAL.]

E. B. MOORE,

Commissioner of Patents.

2. In a portable light-holder, the combination with a U-shaped hook having one leg of the U longer than the other and the longer leg thereof being provided with one member of a ball-and-socket joint, of a lamp-socket, a light-reflector, a ball-and-socket joint-member coacting with the first-named joint-member to which said socket and said reflector are rigidly connected, and
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