

F. CLAPHAM.
ELECTRIC LIGHT SOCKET HANDLE.
APPLICATION FILED SEPT. 5, 1911.

1,024,311.

Patented Apr. 23, 1912.

Fig 1

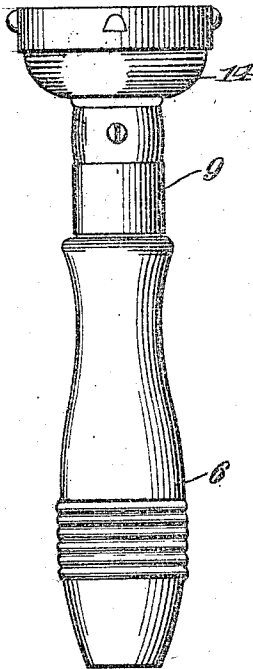


Fig 2

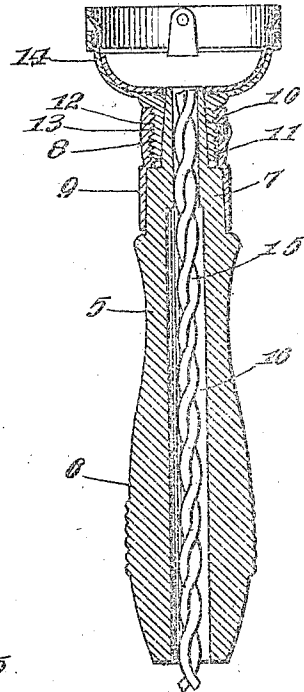
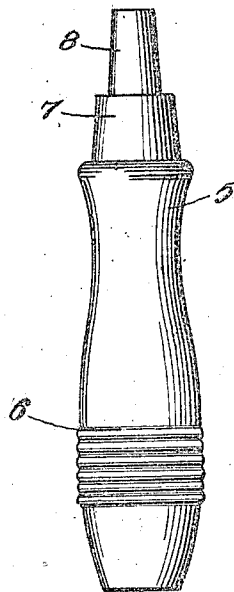


Fig 3



Witnesses

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FRED CLAPHAM, OF GLEN MILLS, PENNSYLVANIA.

ELECTRIC-LIGHT-SOCKET HANDLE.

1,024,311.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRED CLAPHAM, a citizen of the United States, residing at Glen Mills, in the county of Delaware and State of Pennsylvania, have invented new and useful Improvements in Electric-Light-Socket Handles, of which the following is a specification.

The invention relates to handles, and more particularly to the class of handles for portable cords and drop lights.

The primary object of the invention is the provision of a handle of this character in which an electric wire may be passed to the electric lamp, so that the latter may be handled in a ready and convenient manner, and that is provided with a bushing in the neck, so as to prevent grounding or short circuiting.

Another object of the invention is the provision of a handle of this character in which any make of electric light socket may be attached thereto, and that will possess structural features which will comply with the requirements of the underwriters.

A further object of the invention is the provision of a handle of this character which is simple in construction, thoroughly reliable and efficient in its purpose, and inexpensive in manufacture.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts, as will be hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claim hereunto appended.

In the drawings: Figure 1 is a side elevation of an electric light socket with the handle attached thereto. Fig. 2 is a vertical longitudinal sectional view through the handle. Fig. 3 is a side elevation of the handle, with the socket removed and the locking sleeve or ferrule therefor.

Similar reference characters indicate corresponding parts throughout the several views of the drawings.

Referring to the drawings by numerals, the handle comprises a body 5, preferably constructed from wood, a major portion

thereof being shaped to form a gripping part 6. One end of the body 5 is formed with stepped inner and outer annular reduced portions 7 and 8, respectively, both reduced portions being outwardly tapered and surrounding the same is a ferrule or sleeve 9, the latter being formed with a contracted portion 10 provided with internal threads 11 engaging external threads 12 on the nipple 13 projected from a lamp socket 14, which is of the ordinary well-known construction, the outer reduced portion 8 of the body forming a bushing which is adapted to project through the nipple 13, so as to surround an electric wire 15 which is trained through a central bore 16 formed in the body 5 constituting the handle. Thus, it will be seen that the bushing 8 in the nipple 13 of the socket 14 will prevent the grounding or short circuiting of the current passing through the wire to a lamp held in the socket.

The contracted portion 10 of the sleeve 9 provides an internal shoulder 17 which abuts against the shoulder 18 formed by the reduced portions 7 and 8 on one end of the body 5, and by reason of the tapering formation of the reduced portions 7 and 8, the body 5 will become wedged in the sleeve 9 and the nipple 13 of the electric lamp socket.

What is claimed is:

The combination with an electric lamp socket having a nipple provided with an external thread, of a sleeve formed with a contracted internally threaded portion detachably engaging the threaded nipple, and a handle formed with inner and outer stepped reduced portions detachably engaged in the sleeve, the outer reduced portions of the handle being projected through the nipple into the socket.

In testimony whereof I affix my signature in presence of two witnesses.

FRED CLAPHAM.

Witnesses.

WM. H. TRICKER,
O. ALICE SHARPLESS.