

(No Model.)

F. LUCAS.
FOOT LANTERN.

No. 571,924.

Patented Nov. 24, 1896.

Fig. 1.

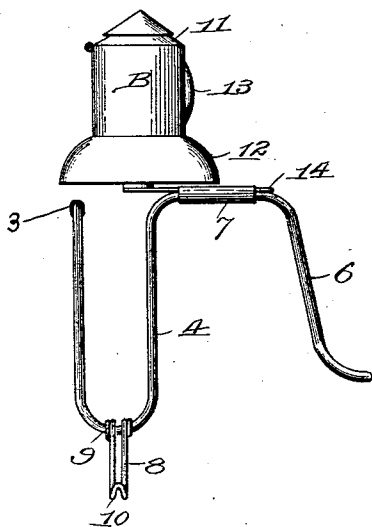


Fig. 3.

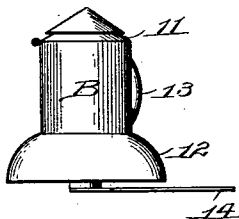


Fig. 2.

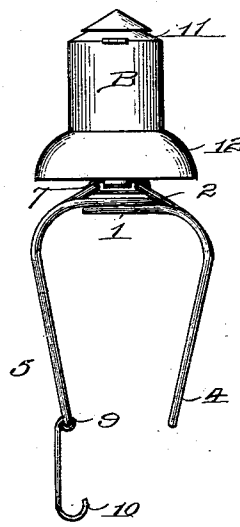


Fig. 4.

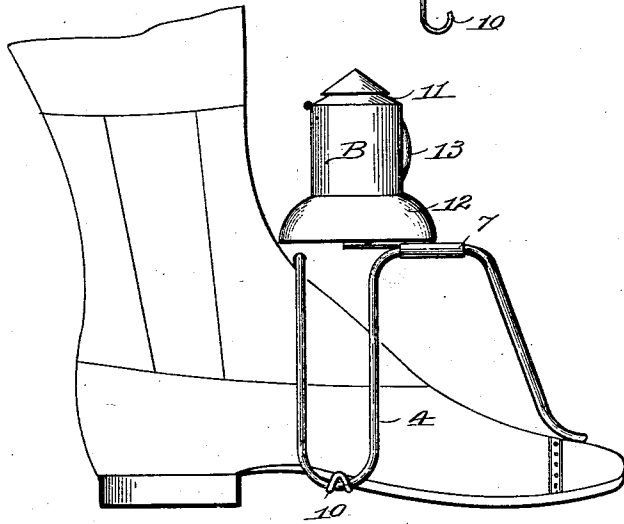
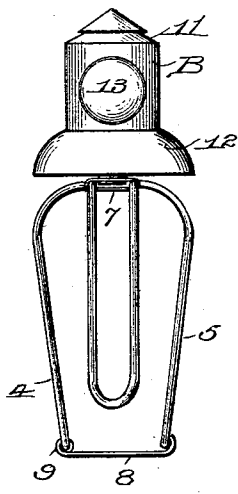


Fig. 5.



WITNESSES:

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FOOT-LANTERN.

SPECIFICATION forming part of Letters Patent No. 571,924, dated November 24, 1896.

Application filed June 6, 1896. Serial No. 594,566. (No model.)

To all whom it may concern:

Be it known that I, FRANÇOIS LUCAS, a citizen of the United States, residing at Munson Station, in the county of Clearfield and State of Pennsylvania, have invented certain new and useful Improvements in Foot-Lanterns; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to foot-lanterns, or those adapted for attachment to the foot of a person.

My object is to provide an improved, simple, and cheap lantern of the class described which may be easily and quickly attached to or removed from the foot, and which will serve all the purposes of an ordinary lantern carried by hand, but will be particularly advantageous to all persons who, while traveling at night, need a lantern, but with whom it is necessary that the hands be free for use.

The invention consists of a foot-lantern of peculiar and novel structure, as will appear more fully hereinafter.

In the accompanying drawings, Figure 1 is a side elevation; Fig. 2, a rear elevation; Fig. 3, a side view of lantern detached; Fig. 4, a view of the lantern in use, and Fig. 5 a front elevation.

A designates the lantern support or holder, and B the lantern. These will be described in their order. The support which is adapted for attachment to the foot of the user is made out of a single piece of stout wire.

The numerals 1 and 2 designate the ends of the wire, and these may be soldered, bound, or otherwise suitably held together. In the present instance a wire 3, wrapped around them, binds them firmly together. The support is then bent into a stirrup 4, and again rebent into a second stirrup 5 of the same size as the first stirrup. The wire is next bent into a forwardly and downwardly projecting tongue 6. The upper portion of this tongue is encircled by a flat sleeve 7, forming a socket. The space between the lower ends of the two stirrups is bridged by a wire hook 8, one of whose ends is pivotally wrapped around one of the bends connecting the lower ends of the stirrups, as at 9, while the other end of the hook is bent into a head 10, which is adapted to hook over the bend connecting the other ends of said stirrups.

B designates a lantern. This lantern is provided with the usual hinged top 11, bowl or fount 12, and a single glass pane or eye 13, which allows the light to be thrown forward only, so that the user is not blinded. A tongue 14 is connected to the bottom of the lantern and projects out in front in line with the glass pane or eye 13. This tongue is adapted for insertion in socket 7, whereby the lantern is held securely in position when the tongue is in said socket.

Fig. 4 discloses the position of the parts when in use. The double stirrup straddles the upper portion of the foot, and the hook passes across and under the instep, while the end of the tongue rests on the toes. When in this position, the light is directed forward, so that the user can see ahead but is not himself seen, and his hands are also free. The foot-lantern in no wise interferes with locomotion, and as its weight is trifling it is not felt.

Having thus described the invention, what is claimed as new is—

1. In a foot-lantern, the combination with a support consisting of a stirrup adapted to straddle the foot of the user, of a lantern connected to said stirrup.

2. In a foot-lantern, the combination with a stirrup adapted to straddle the foot of the user, of a hook pivoted to one part of the stirrup and adapted to engage with another part thereof, and a lantern connected to the stirrup.

3. In a foot-lantern, the combination with a support comprising a stirrup adapted to straddle the foot of the user, and a tongue resting on the toe of the foot, of a lantern connected to the support, substantially as described.

4. In a foot-lantern, the combination with a support comprising a stirrup adapted to straddle the foot of the user and means for holding the stirrup in position, a tongue adapted to rest on the foot of the user, and a socket connected to the support, of a lantern provided with a tongue adapted to be held in the socket, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

FRANÇOIS LUCAS.

Witnesses:

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GEO. W. LUEDER.