

978,445.

Patented Dec. 13, 1910

Fig. 1.

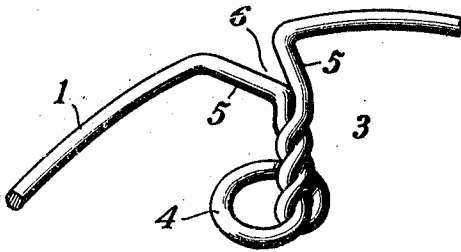


Fig. 2.

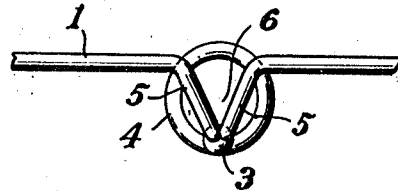


Fig. 3.

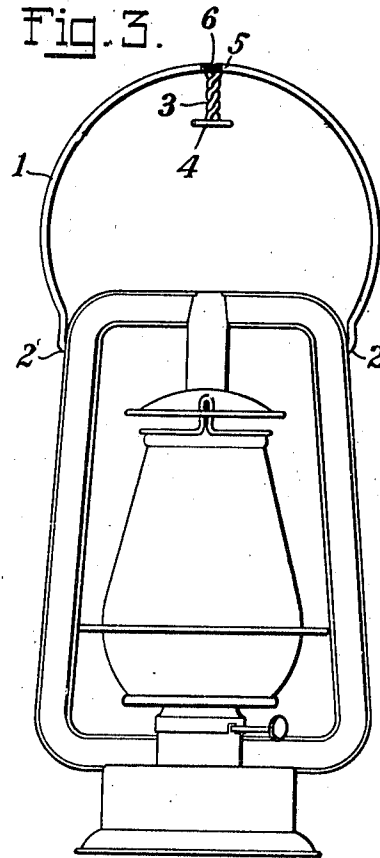
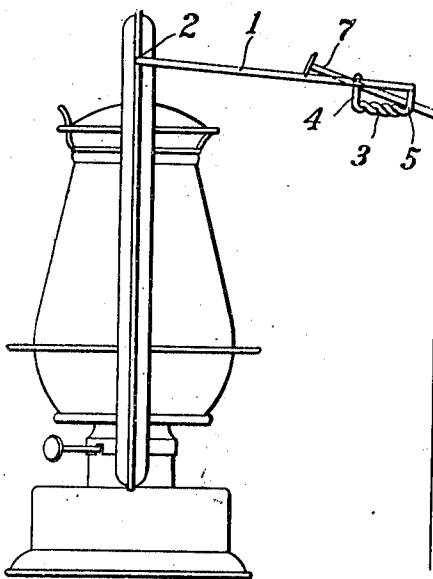


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE

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BAIL.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES F. FULFORD, a subject of the King of Great Britain, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Bails, of which the following is a specification.

This invention relates to bails or handles for lanterns or other devices.

One object of the invention is to produce a bail which may be used in the ordinary manner in carrying the lantern, and which may also be used in connection with a nail, or other supporting device projecting in substantially-horizontal position from a wall or post, in such a manner as to support the lantern in vertical position and away from the surface of the wall or post.

Another object of the invention is to produce a bail which is adapted for supporting a lantern, or other device, by engagement with a belt or other portion of the apparel of a person carrying the device.

To the above ends the invention consists in a bail provided substantially at its middle portion with suitable abutments adapted to engage supporting means of the kind above referred to in such a manner as to hold the device in the required position.

The preferred embodiment of my invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the middle portion of the bail, showing the peculiar formation by which the present invention is embodied therein; Fig. 2 is a plan view of the part of the bail shown in Fig. 1; Fig. 3 is a front elevation of the bail and a lantern to which it is secured; and Fig. 4 is an elevation at right angles to Fig. 3, showing the bail mounted upon a nail projecting from a wall and supporting the lantern at a distance from the wall.

The illustrated embodiment of the invention is a bail formed of a single piece of wire and the same, in general form, as the bails ordinarily employed in connection with lanterns. The body portion 1 of the bail is pivoted at its ends 2 to a lantern in the usual manner.

At the middle of the bail the wire is bent in such a manner as to form an arm 3 composed of two parts of the wire twisted together, this arm being somewhat offset from the body of the bail but projecting toward

the pivotal line of the bail in the general direction of the plane of the bail, or parallel thereto. At the inner extremity of the arm the wire is formed into a loop 4 arranged at a right angle to the arm.

The portions of the wire which are bent from the body of the bail to form the arm 3 are not united throughout, but have inclined portions 5 which form a recess 6 between them, and these inclined portions of the bail constitute an abutment to engage a nail or other supporting device resting in the recess 6. The loop 4 also constitutes an abutment for such supporting device. When the lantern is to be supported upon a nail or pin projecting from a wall or post, the bail is moved into substantially horizontal position, and the loop 4 is passed over the end of the nail. The lantern is now supported as shown in Fig. 4, the loop engaging the upper side of the nail while the recess 6 engages the lower side of the nail, so that the bail is prevented from swinging downward from horizontal position. In this manner the lantern is held at a considerable distance from the wall or post from which the nail projects so as to permit the lantern to swing freely in any direction and maintain its vertical position, and so also as to minimize the danger from fire which is present where the lantern is allowed to hang directly in contact with a wall or post.

Where the lantern is to be carried by the user the arm 3 constitutes a convenient device for securing the bail to the belt, or similar portion of the wearer's apparel. For this purpose the arm is merely inserted within the belt, and the lantern will then hang from this point while the loop 4 engages the belt in such a manner as to insure against accidental displacement of the bail from the belt.

While my invention is most conveniently and economically constructed of a single piece of wire in the manner above described, it is not limited to such embodiment, but may be embodied in various forms within the nature of the invention as it is defined in the following claims.

I claim:—

1. A lantern bail provided substantially at its middle portion with two abutments, the abutments being at different distances from the pivotal line of the bail, lying near the plane of the bail, and being oppositely disposed with respect to said plane so as to

be adapted to engage opposite sides of a substantially-horizontal lantern-supporting device when the bail is in substantially-horizontal position.

- 5 2. A lantern bail having, in combination, a continuous body portion, an arm projecting inwardly from the body portion in the general direction of the plane, and substantially at the center, of the body portion, and
10 a loop at the inner end of the arm arranged at an angle with the plane of the bail.
3. A lantern bail having, in combination,

a continuous body portion with a substantially central lateral recess, an arm projecting inwardly from the body portion in the general direction of the plane, and substantially at the center, of the body portion, and a loop at the inner end of the arm projecting toward the same side of said plane as said recess. 15

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Witnesses:

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