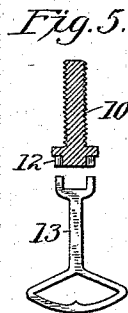
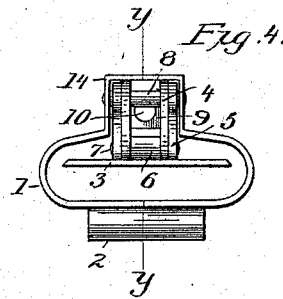
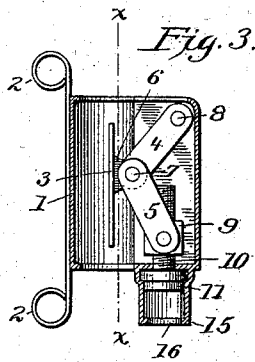
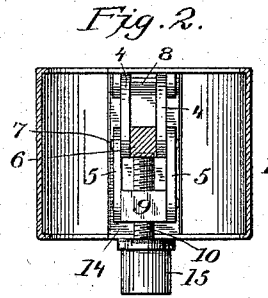
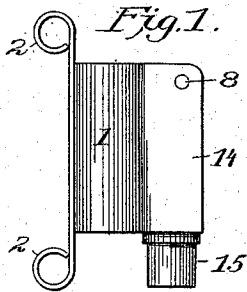


(No Model.)

W. A. BLAKESLEE.
LOCK FOR BICYCLE LANTERNS.

No. 530,384.

Patented Dec. 4, 1894.



Witnesses.

H. A. Lamb,
S. V. Richardson.

Inventor.

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UNITED STATES PATENT OFFICE.

WALLACE A. BLAKESLEE, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO
THE BRIDGEPORT BRASS COMPANY, OF SAME PLACE.

LOCK FOR BICYCLE-LANTERNS.

SPECIFICATION forming part of Letters Patent No. 530,384, dated December 4, 1894.

Application filed June 18, 1894. Serial No. 514,937. (No model.)

To all whom it may concern:

Be it known that I, WALLACE A. BLAKESLEE, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Locks for Bicycle-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.

My invention has for its object to produce a lock especially adapted as a means of securing bicycle lanterns to the usual brackets upon the machines by which they are carried; it being essential in a device of this class that it be simple and inexpensive to produce, strong and practically impossible to get out of repair, and so constructed as to lock the lantern firmly and securely in place but permit its ready removal by the holder of the key.

With these ends in view I have devised the novel lock of which the following description in connection with the accompanying drawings is a specification, numbers being used to designate the several parts.

Figure 1 is a side elevation of my novel lock; Fig. 2, a section on the line xx in Fig. 3; Fig. 3, a section on the line yy in Fig. 4; Fig. 4, a plan view; and Fig. 5 is a view partly in section of the threaded rod, hub and key detached.

1 denotes a sleeve of ordinary construction which receives the lamp bracket, not shown, upon the bicycle and 2 the eyes to which the usual spring arms carrying the lantern are pivoted. As the lantern itself and the bracket upon the bicycle form no portion of my present invention I have not deemed them to require illustration. Within the sleeve is a plate 3 which is moved forward to clamp the bracket by means of toggle levers 4 and 5, said levers being pivoted to the back of the plate which is provided with an ear 6 for this purpose, a pin 7 passing through levers 4 and 5 and through the ear. I have shown two levers 4 and two levers 5 although but a single lever 4 and a single lever 5 may be used if

preferred, the special details of construction not being of the essence of my invention. The other ends of levers 5 are pivoted to a block 9 which is threaded to receive a rod 10, correspondingly threaded. At the outer end of this rod is a head 11 provided with sockets 12 to receive lugs upon key 13. The operative parts of the lock are inclosed in a suitable case 14 which is preferably made integral with the sleeve. Below the case is a tube 15 the lower end of which is partly closed and is provided with an opening 16 shaped to correspond with the head of the key. Head 11 is held against other than rotary motion by closing the metal of the tube about it as clearly shown in Fig. 3, so that rotation of the head and threaded rod will move the block up or down and by means of the toggle levers will force plate 3 against the lantern bracket on the bicycle to lock the lantern in place, or if the rod is rotated in the opposite direction move it backward therefrom so that the lantern may be removed.

Having thus described my invention, I claim—

1. A lock of the character described consisting essentially of a sleeve adapted to receive the lantern bracket on a bicycle, a plate within said sleeve adapted to clamp the bracket, toggle levers pivoted to said plate and suitable means for operating said levers to move the plate toward or from the bracket.

2. A lock of the character described consisting of a sleeve to receive the lantern bracket on a bicycle, a plate within said sleeve adapted to clamp the bracket, toggle levers 4 and 5 pivoted to said plate, a fixed pin to which the other ends of levers 4 are pivoted, block 9 to which the other ends of levers 5 are pivoted and a threaded rod engaging said block by which the latter is moved up or down to cause the plate to clamp or release the bracket.

3. A lock of the character described consisting of a sleeve to receive the lantern bracket on a bicycle, a plate within said sleeve adapted to clamp the bracket, toggle levers 4 and 5 pivoted to said plate, a fixed pin to which the other ends of levers 4 are pivoted,

a block 9 to which the other ends of levers 5
are pivoted, a threaded rod engaging said
block and having a head provided with sock-
ets to receive a key and a tube through which
5 the key is passed and the metal of which is
closed about the head to prevent other than
rotary motion.

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

WALLACE A. BLAKESLEE.

Witnesses:

WM. A. LEONARD,
NEAL F. CLARKE.