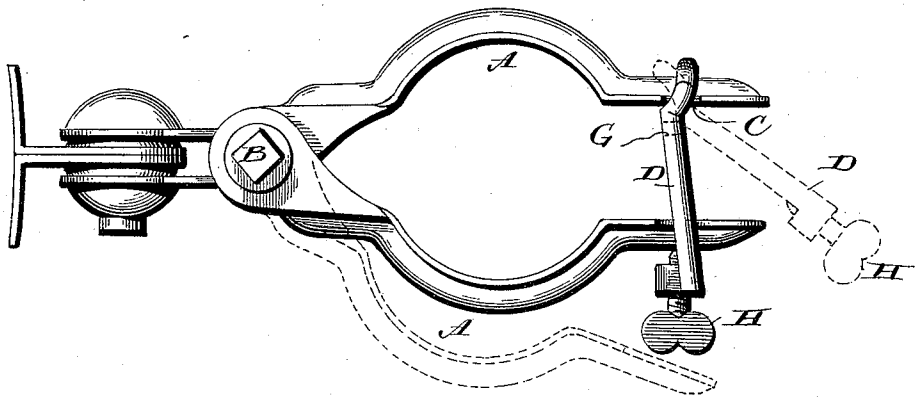
(No Model.)

J. W. BRAGGER.

LANTERN BRACKET.

No. 602,122. Patented Apr. 12, 1898.

Fig. 1.



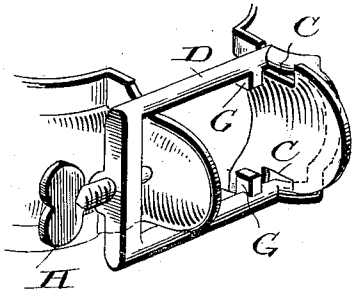


Fig. 2.

Fig. 4.

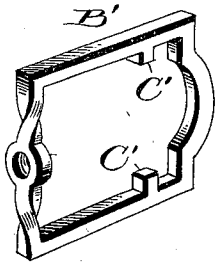
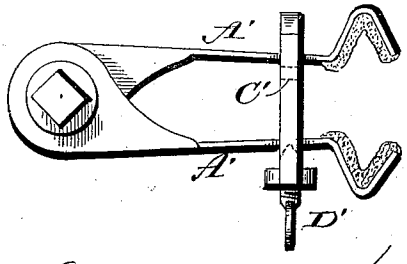


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN W. BRAGGER, OF WATERTOWN, NEW YORK, ASSIGNOR TO THE HITCHCOCK LAMP COMPANY, OF SAME PLACE.

LANTERN-BRACKET.

SPECIFICATION forming part of Letters Patent No. 602,122, dated April 12, 1898.

Application filed October 18, 1897. Serial No. 655,621. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. BRAGGER, a citizen of the United States, residing at Watertown, in the county of Jefferson and State of New York, have invented certain new and useful Improvements in Lantern-Brackets; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The present invention relates to improvements in lantern-brackets for bicycles and means for securing the ends of the said brackets to the post of the bicycle by the employment of a link having a tightening-screw and adapted to fit over one of the notched ends of the bracket-arms.

The object of my invention is to do away with the usual screw-bolt which has been used heretofore for fastening the rear ends of the jaws to the post or fork and to substitute therefor a fastening mechanism which can be freely operated by hand, and thus enable the lamp to be removed at any time without the help of a wrench or other similar tools.

In the accompanying drawings, Figure 1 is a plan view of an attachment which embodies my invention, one of the jaws and the link being shown in different positions in dotted lines. Fig. 2 is a perspective of the rear end of the jaws and the link applied thereto. Fig. 3 shows a slight modification, the jaws being adapted to be applied to the fork instead of the post. Fig. 4 is a perspective of one of the links.

Heretofore bicycle-lamps have been secured in place by means of a screw-bolt which has been passed through the rear end of the jaws and which require a wrench to remove them. The consequence has been that the lamps are difficult or troublesome to remove and replace, and the main object in view with my invention is to do away with the screw-bolt entirely and substitute a much more easily operated device, so that the lamp can be removed and replaced whenever so desired without the use of tools.

A represents the two jaws, which are pivoted together at their front ends by means of a pivotal bolt B in the usual manner. If the jaws are made to be applied to the front or king post of a bicycle, one of them has suitable notches or nicks C formed therein, and one end of the link D is made to catch in these notches and hold it, so that it can be instantly detached. One end of the link is preferably bent or curved, as shown in Figs. 1 and 2, so that it can be more freely turned upon the jaw, as shown in dotted lines in Fig. 1, than would be the case if the end were not thus bent. In order to secure the link in position, on its inner side, just inside of the curved end, are formed the two stops G, which by striking against the inner side of the jaw prevent the link from having more than a limited movement. The distance between the end of the link and these stops G is just sufficient to allow the link a slight back-and-forth movement, so as to cause it to move more freely, and nothing more. Passing through the free end of the link is a thumb-screw H, which, by bearing against the outer side of the jaw, clamps it rigidly against the post. A set-screw is here used; but any other means—such as a cam, a lever, or a wedge—may be used and it will answer the same purpose. I do not limit myself in this respect, because the jaws may be fastened by any suitable means in connection with the link.

In case the jaws A′ are intended to be applied to the front fork the link B′ will be perfectly straight and will have a movement back and forth upon the jaws in the direction of their length. Upon the inner side of the link are formed the stops C′, which serve to limit the distance that the link shall move endwise at right angles to the length of the jaws, as above described. Through the outer end of this link is passed a thumb-screw D′, which bears against the outer side of the jaw and clamps it rigidly in position. All that a person has to do to remove the lamp is to loosen the fastening means, so as to free the link, and then swing the link backward, as shown in Fig. 1, or if the lamp is attached to

the fork to push the link backward upon the jaws, so as to leave the free ends free to open.

Having thus described my invention, I claim—

1. In an attachment for a bicycle-lamp, the jaws, one of which is provided with notches in its free end, and a link which is applied to these notches, and adapted to freely turn upon them, the link being combined with means for clamping the jaws, substantially as set forth.

2. In a device for securing bicycle-lamps in position, the pivoted jaws recessed as shown, the link placed over the free ends thereof, the lugs on the inner longitudinal edges of the link, and the tightening-screw, as set forth.

3. The jaws, one of which is porvided with notches in its edge, and the link having one of its ends curved, and provided with internal stops, the link being combined with means for clamping the jaws, substantially as shown.

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

JOHN W. BRAGGER.

Witnesses:
I. J. MORRIS,
CORA L. SHERMAN.