

(No Model.)

H. T. ADAMS.
BICYCLE LOCK.

No. 558,467.

Patented Apr. 21, 1896.

FIG. 1.

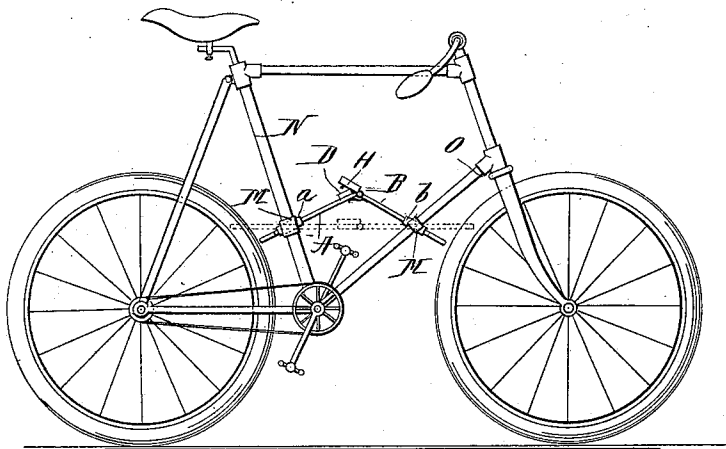


FIG. 2.

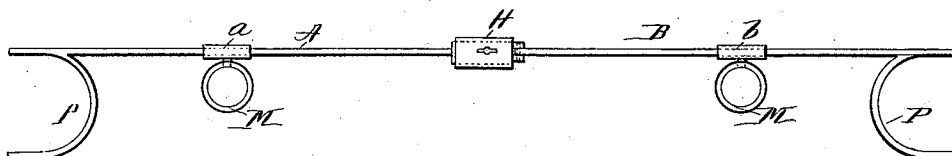
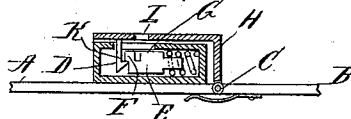


FIG. 3.



WITNESSES:

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Harry T. Adams,
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HARRY TRINITY ADAMS, OF BROOKLYN, NEW YORK.

BICYCLE-LOCK.

SPECIFICATION forming part of Letters Patent No. 558,467, dated April 21, 1896.

Application filed September 4, 1895. Serial No. 561,387. (No model.)

To all whom it may concern:

Be it known that I, HARRY TRINITY ADAMS, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Bicycle-Locks, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to bicycle-locks; and the object thereof is to provide an effective device of this class which is simple in construction and operation and which may be readily attached to a bicycle-frame without changing the construction thereof.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a side elevation of a bicycle provided with my improved lock; Fig. 2, a plan view of the lock, and Fig. 3 a sectional detail thereof.

In the practice of my invention I provide two similar bars A and B, which are hinged together at one end, as shown at C, and secured to the hinged end of the bar A is an oblong rectangular casing D, in which is located a spring-operated lock-bolt E, provided with a projecting shoulder F and a longitudinal slot G in the top thereof.

Secured to the hinged end of the bar B is a casing H, which is open on the lower side thereof, and preferably open at its outer end, and secured to the top thereof is an inwardly-directed latch K, adapted to operate in connection with the lock-bolt E, and formed in the top of said casing H is a keyhole L, through which a properly-constructed key may be inserted for operating the bolt E.

Mounted on each of the bars A and B is a sliding sleeve a and b, respectively, and pivotally connected with each of said sleeves is a ring M, which is adapted to be connected with and to slide upon the inclined bars or rods N and O of the bicycle-frame, as shown in Fig. 1.

Formed on or secured to the outer ends of each of the bars A and B is a yoke P, which opens outwardly and which is adapted to be pressed upon the outer surface of the tire of each wheel of the bicycle, in which position

said yokes inclose said tires and prevent the revolution of the wheels.

The operation will be readily understood from the foregoing description, when taken in connection with the accompanying drawings. The rings M are mounted on the rods N and O of the bicycle-frame, and are free to slide thereon, except when the lock is applied or in use. In order to apply the lock, it is only necessary to depress the hinged ends of the bars A and B into a horizontal position, as shown in dotted lines in Fig. 1, when the locking-latch K will enter the casing D through the slot G and engage with the lock-bolt E, as shown in Fig. 3, in which position the machine will be locked, and the wheels thereof cannot revolve by reason of the yokes P, which press upon the tires thereof, and whenever it is desired to unlock the machine it is only necessary to apply a properly-constructed key and throw back the bolt E and raise the bars A and B to the position shown in full lines in Fig. 1. The rings M may be so formed as to be detachable from the rods N and O, and it will thus be seen that I accomplish the object of my invention by means of a device which is simple in construction and operation and which is also comparatively inexpensive.

My invention is not limited to the exact form and arrangement of parts shown and described, and I therefore reserve the right to make all such alterations therein and modifications thereof as fairly come within the scope of the invention.

Having fully described my invention, I claim and desire to secure by Letters Patent—

1. A bicycle-lock, composed of two similarly-constructed rods or bars hinged together, each of which is provided at its free end with a yoke adapted to inclose the tire of the bicycle, a sliding sleeve on each bar, a ring pivoted to said sleeve and constructed to encircle the central rod of the bicycle-frame, and a locking device connected with the hinged ends of said bars, whereby said bars are secured in a horizontal position, substantially as described.

2. A bicycle-lock, composed of two similarly-constructed rods or bars hinged together, each of which is provided at its free end with

a yoke adapted to inclose the tire of the bicycle, a sliding sleeve on each bar, a ring pivoted to said sleeve and constructed to encircle the central rod of the bicycle-frame, the
5 locking device connected with the hinged ends of said bars, and the spring secured over said hinged portion, whereby said yokes are normally kept disengaged from the bicycle-wheels, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 2d day of September, 1895.

HARRY TRINITY ADAMS.

Witnesses:

A. M. CUSACK,
C. GERST.