(No Model.)

E. KUHN.

CLOCK ATTACHING DEVICE FOR CYCLES.

No. 490,750. Patented Jan. 31, 1893.

Fig. I.

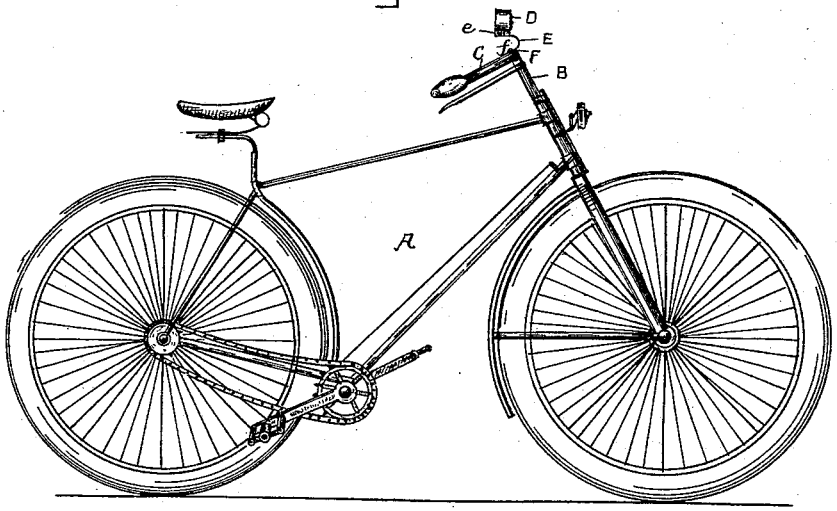


Fig. II.

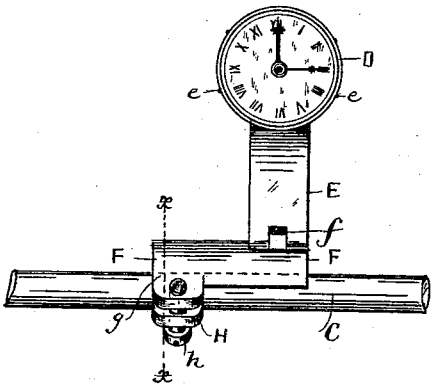
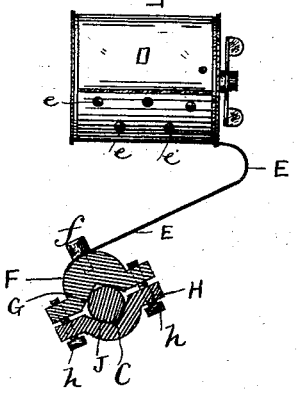


Fig. III.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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CLOCK-ATTACHING DEVICE FOR CYCLES.

SPECIFICATION forming part of Letters Patent No. 490,750, dated January 31, 1893.

Application filed March 3, 1892. Serial No. 423,577. (No model.)

To all whom it may concern:

Be it known that I, EDMOND KUHN, a citizen of the United States of America, and a resident of Brooklyn, in the county of Kings, State of New York, have invented certain new and useful Improvements in Cycles, of which the following is a full, clear, and exact specification.

The object of my invention is to provide cycles, bicycles, tricycles and other velocipedes with a clock or time piece; and another object is to secure this clock or time piece to the central portion of the handle, directly over the steering bar, or to some other suitable part of the bicycle, &c., so that the clock may not be affected by the vibration or jarring movement of the machine while in use.

My invention consists in the use or combination of an ordinary clock of any suitable style or shape, with the necessary attachments, to a cycle or velocipede.

It also consists in securing this clock to one end of an elliptical, flat or other spring, which is preferably fastened at the other extremity to a clamping plate provided with a V shaped groove or recess, against which is placed a corresponding V shaped cap held thereto by screws or bolts.

Referring to the drawings:—Figure I. is a side view of a bicycle showing the attachment of a clock or time piece thereto. Fig. II is an enlarged detached front view of the clock, showing it attached to the handle rod of a cycle. Fig. III is a side view of Fig. II on line *x*, *x*, showing the attachment in section.

Similar letters refer to similar parts throughout the several views.

Letter A, represents a safety bicycle.

B, represents the steering bar, and C, the handle rod.

D, represents a clock, which is here preferably made circular, but any other shape may be used. This clock is of ordinary construction; and is secured to the vibrating spring E, by screws *e*, *e*, or by any other suitable means. This spring is preferably made flat and bent as shown in Fig. 3, and is secured to the adjustable metallic clamping plate or block F, by bolts *f*. One end *g*, of this adjustable clamping plate or block is provided with a V shaped recess or slot G, and the said plate at this position is placed over the handle C, of the bicycle. (See Fig. 3.) This adjustable clamping plate or block is secured to the handle rod C, by means of the cap H, which is held thereto on the under side as shown by bolts or screws *h*. This clamping cap is also provided with a V shaped groove J. The object of these V shaped grooves or recesses G, and J, is to enable the clamping plate to fit any size handle rod or other part of the cycle. The advantage of this construction is that a cycle, bicycle, tricycle or other velocipede, and especially a safety bicycle, can be readily provided with a clock or time piece which can be easily seen by the rider, thereby relieving him of the necessity of removing his hand from the steering handle of the machine to draw his watch from his pocket. This act may cause an accident to the rider by losing his balance and falling from his machine.

The object of attaching the clock or time piece to the spring instead of direct to the handle rod is that it is not affected by the jarring motion of the machine while running. The said clock can by means of the adjustable V shaped clamping plate and curve of the spring be held in any desired inclined position so that the plain or illuminated dial may be conveniently seen by the rider.

What I claim is:—

The combination with the handle rod C, of the two-part clamp detachably secured thereto, the flat spring arm E having a portion lying flat on and held to the upper part of the said clamp and curved as shown and its other end curved and extended at right angles to the length of the arm to conform to the curvature of a clock and to partially embrace the same, and the clock under which the spring arm passes and to which it is secured, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 29th day of February, 1892.

EDMOND KUHN.

Witnesses:
FRANKLIN BARRITT,
JAMES H. LANCASTER.