

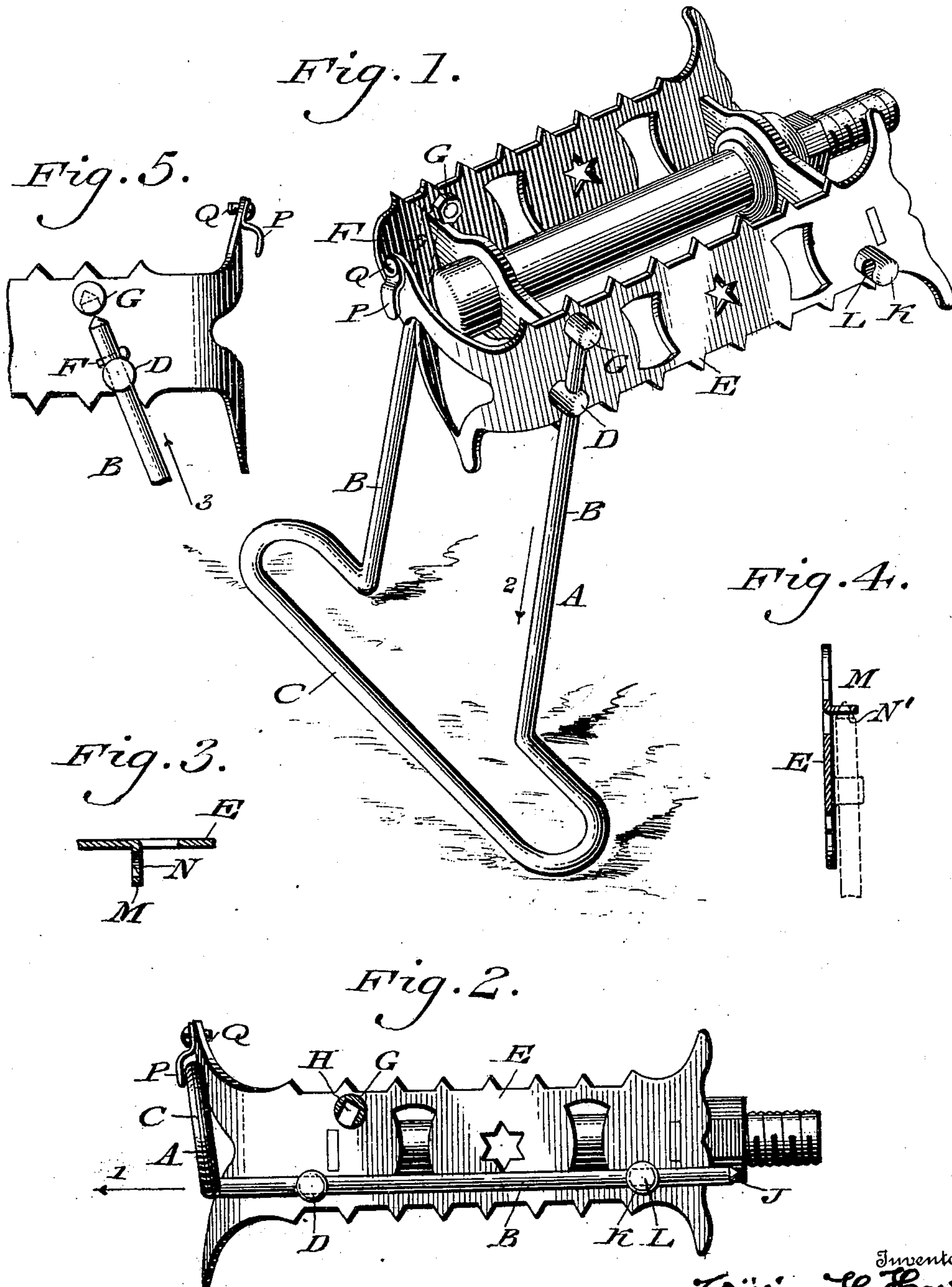
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Patented Feb. 27, 1900.

W. H. HART, JR.
BICYCLE SUPPORT.

(Application filed Mar. 6, 1899.)

(No Model.)



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UNITED STATES PATENT OFFICE.

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BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 644,073, dated February 27, 1900.

Application filed March 6, 1899. Serial No. 707,913. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. HART, JR., a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Bicycle-Supports, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of an improved construction of a bicycle-support, in which I employ a sliding frame having legs which are mounted in suitable bearings journaled in the side pieces of the pedal-frame, said legs being adapted to lie adjacent said pieces when the support is not in use, provision being made to enable said legs to be drawn outwardly and turned downwardly, so as to enter suitable sockets, whereby the support is held in operative position.

It further consists of novel details of construction, all as will be hereinafter fully set forth, and particularly pointed out in the claims.

Figure 1 represents a perspective view of a bicycle-support embodying my invention, the same being shown in operative position relative to a pedal-frame to which said support is applicable. Fig. 2 represents a side elevation of a pedal-frame, showing the support turned into inoperative position thereon. Figs. 3 and 4 represent sectional views of other forms of parts of my invention. Fig. 5 represents a side elevation of a portion on the side opposite to that shown in Fig. 2.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a bicycle-support, the same consisting of legs B, which are joined by the cross-piece C, which latter is adapted to rest upon the ground when the support is in use or in operative position.

D designates bearings which are of the form of heads, with openings therein and journaled in the side pieces of the pedal-frame E and adapted to receive the legs B, the latter being prevented from withdrawal from said bearings by means of a suitable stop F, attached to one of said legs.

G designates a boss attached to each of the side pieces of the pedal-frame and provided with a socket H therein, which is adapted to

serve as a seat for the extremity J of each of the legs B when the latter are rocked into the position seen in Fig. 1.

K designates a guide attached to one of the side pieces of the pedal-frame and provided with an opening L forming an eye, which is adapted to receive one of the legs B of the support A when the latter is in inoperative position, as seen in Fig. 2. In lieu of the boss G and guide K, I may employ the device seen in Figs. 3 and 4, in which M designates eyes punched out of a side piece of the pedal-frame, the same being provided with a recess N or seat N', which is adapted to receive one of the legs B and having the same function as the respective opening in the boss G or guide K. The opening of the eye K is horizontal, and that of the socket H is somewhat vertical, being inclined, so that the support A, when in operative position, will stand inclined, as shown in Fig. 1.

The operation is as follows: The parts normally appear in their inoperative position, as indicated in Fig. 2, one of the limbs B being engaged with the guide K, whereby the support when not in use is held in a lateral position and away from the foot of the rider, in which position the bicycle may be readily propelled, as is evident. When it is desired to place the support in operative position, the same is drawn to the left of the position seen in Fig. 2, as indicated by the arrow 1 in Fig. 2, until the stop F contacts with its bearing D, after which the support is turned from its lateral or horizontal position downwardly into the position seen in Fig. 1 and then pushed upwardly until the ends J of the legs B engage their sockets H. The parts now appear as seen in Fig. 1, wherefrom it is evident that the pedal-frame, and consequently the bicycle, will be effectually supported.

When it is desired to place the support in inoperative position, the legs are withdrawn from the sockets H in the direction of the arrow 2 sufficiently to disengage the ends J therefrom, after which the support is turned into a lateral or horizontal position and pushed inwardly until one of the legs B enters the guide K, the parts now appearing as seen in Fig. 2.

In order to prevent outward motion of the support when in inoperative position, I em-

ploy the catch P, which depends from the front of the frame E by means of the pin or screw Q, so that it may engage the base C, as shown in Fig. 2, but which when turned side-
5 wise on the pin or screw Q as its axis is removed from said base, thus allowing the support to be changed from the position shown in said Fig. 2 to that shown in Fig. 1.

It will be apparent that slight changes may
10 be made by those skilled in the art which will come within the scope of my invention, and I do not therefore desire to be limited in every instance to the exact construction I have herein shown and described.

15 Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a bicycle-support attachable to a pedal-frame, a rotatable bearing, a socket,
20 and an eye on said frame, and a sliding leg which is fitted in said bearing and adapted to have its upper end enter said socket or eye in the operative or inoperative position of the support.

25 2. A bicycle-support having a leg and a pedal-frame having movable bearings mounted therein through which said leg passes, a socket for the reception of said leg when the support is in operative position and an eye

carried by said frame for the reception of said 30 leg, when the support is in inoperative position, the opening in said eye being horizontal and that in said socket being substantially vertical.

3. A pedal-frame having a head rotatably 35 mounted thereon and formed with an opening, a bicycle-support consisting of a leg and a base, said leg being adapted to slide through said opening of the head during its motions into operative and inoperative positions, and 40 a pivotal latch pendent on its upper end from the front of said frame and adapted to engage said base.

4. In a bicycle-support, a leg with a base, a pedal-frame having a perforated head, a 45 socket and an eye thereon, and a pivotal latch pendent from said frame, said head being journaled on said frame and said leg being adapted to slide through said head in its motions during location into operative and inoperative 50 positions, said base being engaged by said latch in the inoperative position of said leg for controlling the latter against outer sliding motions.

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