

No. 640,379.

Patented Jan. 2, 1900.

W. H. HART, JR.  
BICYCLE SUPPORT.

(Application filed Mar. 6, 1899.)

(No Model.)

Fig. 1.

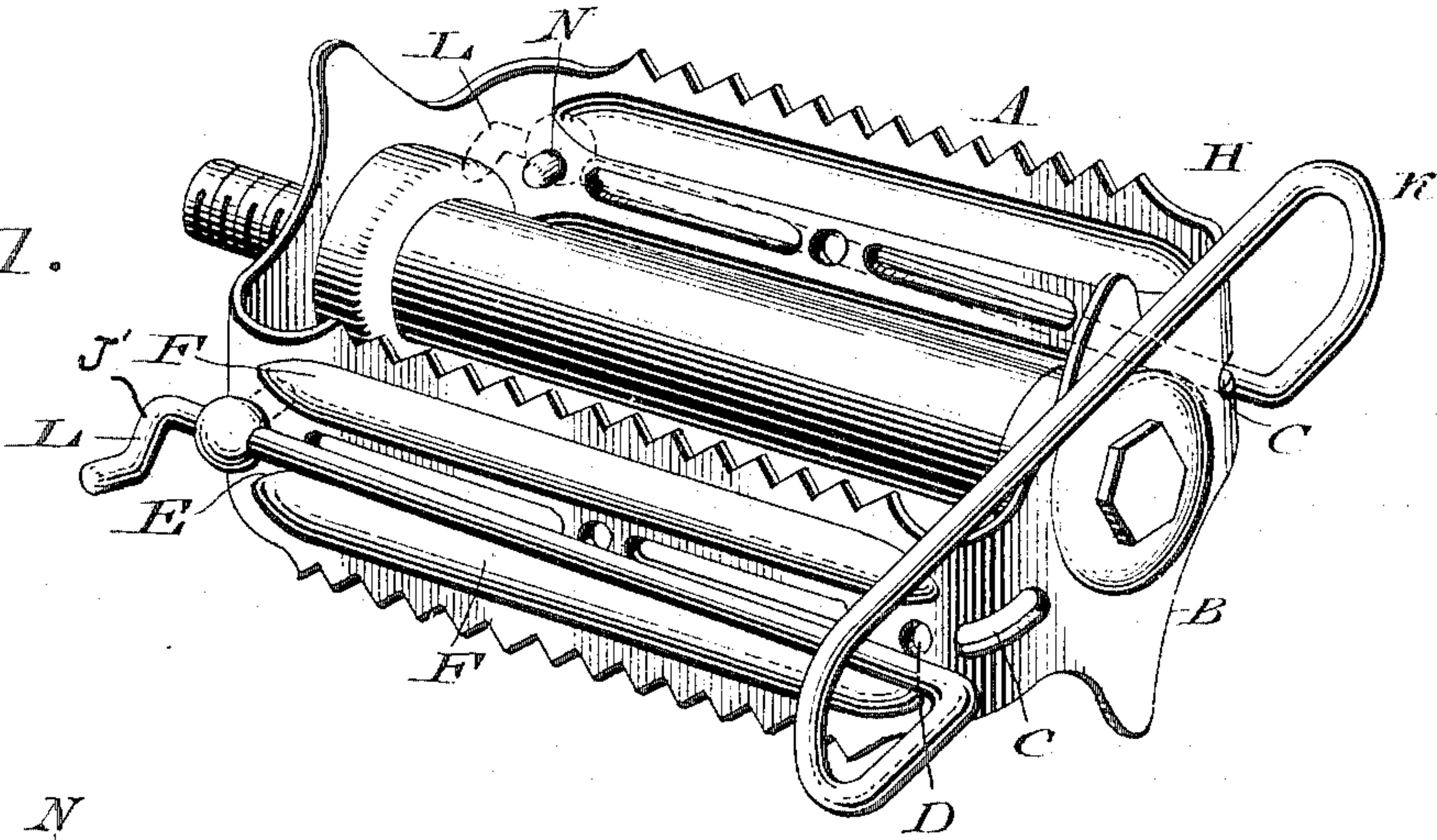


Fig. 2.

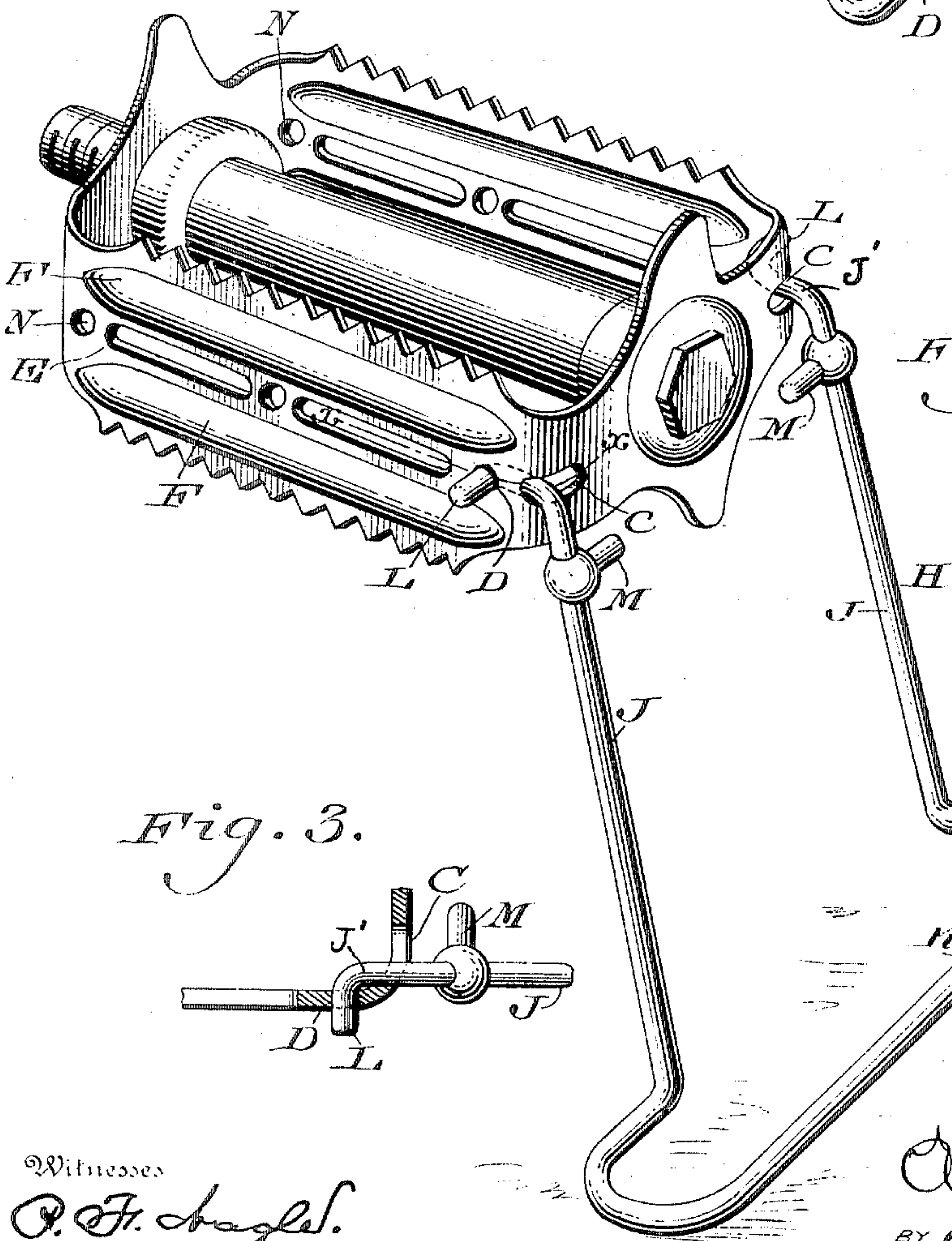
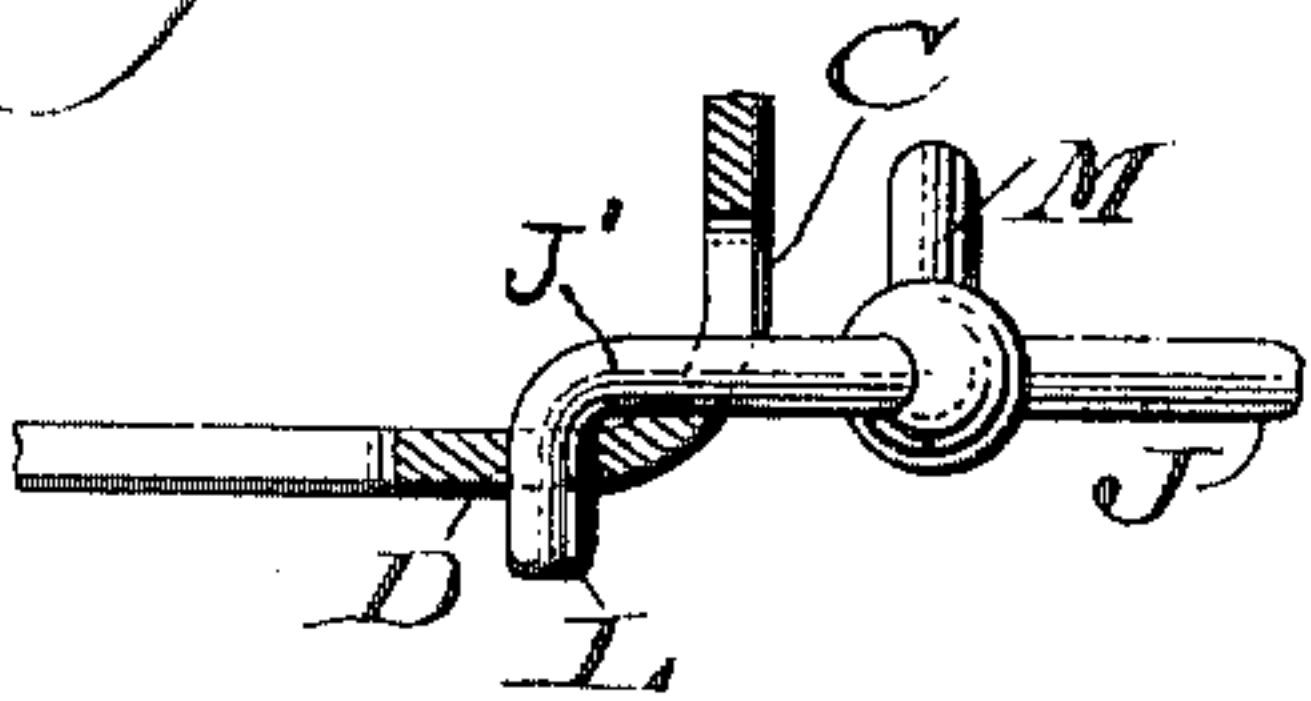


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 640,379, dated January 2, 1900.

Application filed March 6, 1899. Serial No. 707,910. (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 a bicycle-support formed of legs having means for interlocking the same with a pedal-frame of a bicycle in either operative or inoperative position, as will be hereinafter described, the novel feature of the invention being pointed out in the claims which follow the specification.

Figure 1 represents a perspective view of a bicycle-support in inoperative position embodying my invention. Fig. 2 represents a perspective view of the same in operative position. Fig. 3 represents a horizontal section of a portion on line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates the frame of a bicycle-pedal, which, excepting the features of my invention applied thereto, is of usual construction. In the front cross-bar or end wall B of said frame are horizontal slots C and openings D, and the sides of said frame have recesses E therein and corrugations F thereon.

H designates the bicycle-support proper, the same being formed of the pair of resilient legs J, the limbs J' at the top of said legs J, and the base K, the outwardly-turned tongues L at the ends of said legs, preferably formed of a continuous piece of heavy wire, and the inwardly-turned studs M, which are secured to said legs, said limbs extending in the direction of the axis of the pedal-frame and said tongues extending at a right angle to said limbs, so as to project to the front and rear of said frame.

In the sides of the frame A, near the inner end thereof, are openings N, which are adapted to receive the studs M when the legs are in folded position, as will be hereinafter more fully referred to.

The operation is as follows: When service of the support is required, it is removed from the frame A, and the legs J are pressed together, so that the tongues L may pass

through the slots C of said frame, which being accomplished the legs are let go, whereby they expand, their upper portions playing in said slots C, and the tongues L enter the openings D, while the adjacent portions of the legs rest in said slots C, thus connecting each leg with the frame at two points—namely, the walls of a slot C and an opening D—and firmly holding the legs in operative position, as will be apparent on reference to Figs. 2 and 3. When the support is not required, the legs are pressed together, whereby the tongues L approach each other, and the legs are drawn outwardly, so that the tongues and adjacent portions of the legs pass through the slots C, the support then being disconnected from the frame. The legs are then presented to the frame in such manner that the studs M are coincident with the openings N, the legs being sufficiently pressed apart so that the studs pass over the sides of said frame, whereby when the legs are let go said studs spring into said openings, which being accomplished the legs are turned on the studs as journals whose bearings are in the openings N, said legs being pressed over the corrugations F and sprung into the recesses E, whereby the legs are held controlled on the frame, they being folded thereon and retaining their position in a firm and steady manner. (See Fig. 1.)

When the support is forcibly turned upwardly or downwardly on the studs M, the legs clear the corrugations of the frame, and said legs may then be spread apart, whereby the studs disengage from the frame, and the legs may be manipulated to pass the tongues through the slots C and engage with the walls of the openings D, so as to place the support in operative position, as in the previous case.

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

1. In a bicycle-support, a frame having slots in the front wall and openings in the side wall thereof, said slots being adapted for the passage therethrough of tongues on the upper portions of the legs of the support, and said openings being adapted to seat said tongues therein.

2. A bicycle-support consisting of a pair of resilient legs, intumed limbs at the upper end

of said legs, outturned tongues on the terminals of said limbs and inturned studs near said upper ends of the legs.

3. A bicycle-support consisting of a pair of  
5 resilient legs with outturned tongues on the upper ends thereof, and a pedal-frame provided with slots and openings in a wall thereof, said slots permitting the passage of said tongues therethrough to reach said openings.

4. A pair of resilient legs with inturned studs, in combination with a pedal-frame having in its sides recesses in which when the support is folded said legs may be seated, and openings which may be occupied by said studs.

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