

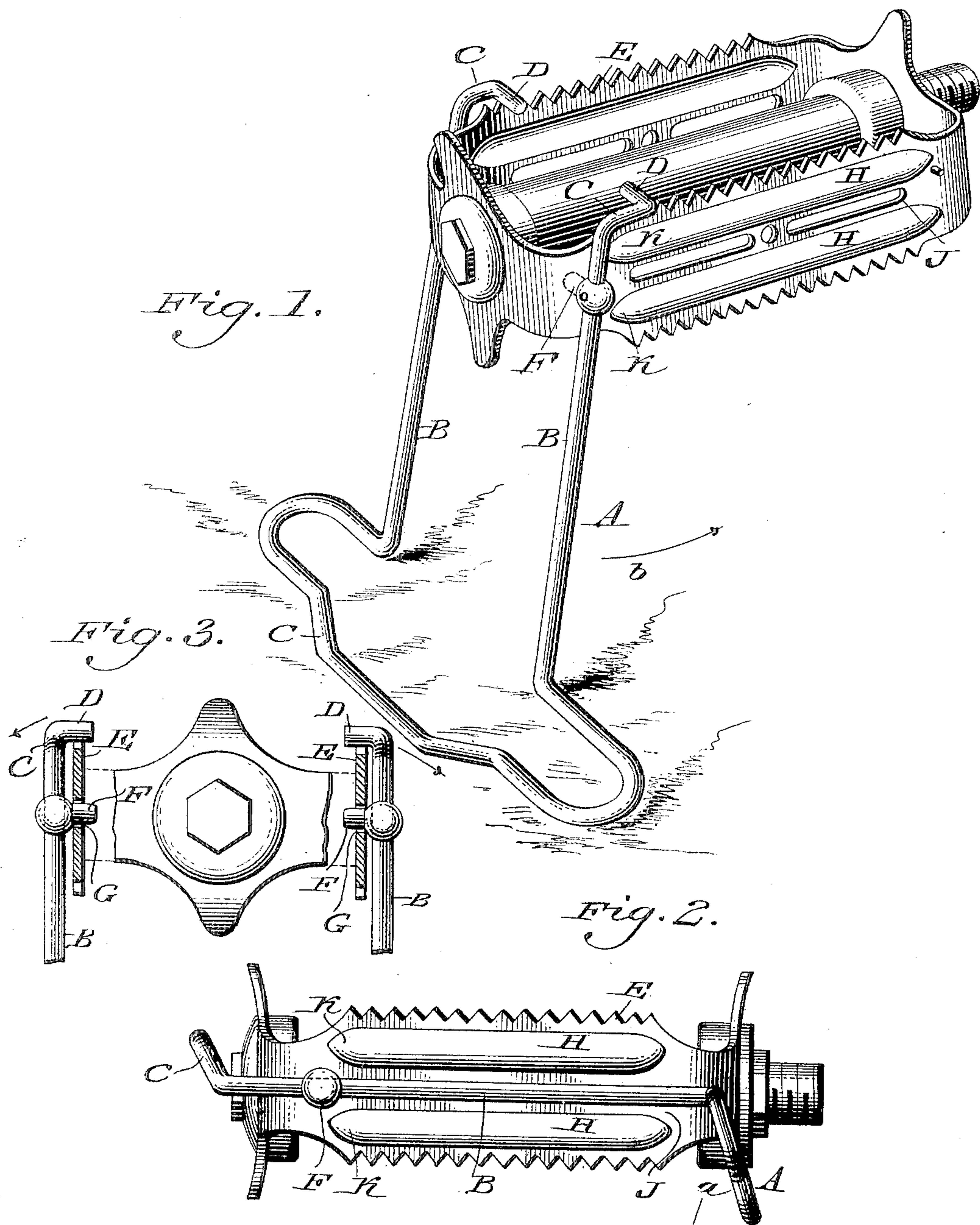
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W. H. HART, JR.  
BICYCLE SUPPORT.

(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. 640,383, dated January 2, 1900.

Application filed March 6, 1899. Serial No. 707,917. (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 the latter is journaled in the side pieces of the pedal-frame, the extremities of said support being deflected in the present instance inwardly, so as to abut with the top of the pedal-frame, which latter forms a stop for the retention of the support in its operative position.

It further consists in the provision of means for maintaining the legs of said support in a lateral or horizontal position relative to the pedal-frame, said legs being held in the proper position between a pair of longitudinally-extending ridges on each side of the pedal-frame.

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, showing also a pedal or pedal-frame to which the same is applicable. Fig. 2 represents a side elevation of the bicycle-support and its adjuncts, the same being shown in closed or inoperative position. Fig. 3 represents an end elevation, partly in section, showing the manner in which the extremities of the legs of the support abut against the top of the pedal-frame when the support is in operative position, as seen in Fig. 1.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a bicycle-support, the same consisting of the legs B, which at their upper extremities are deflected rearwardly, as at C, and then bent inwardly to form the members D, the latter serving as stops and adapted to abut with the adjacent edges of the pedal-frame E when the support is in operative position.

F designates journals attached to the legs

B and projecting inwardly, so as to engage the openings G in the side pieces of the pedal-frame, whereby bearings are formed for said legs.

H designates ridges which are located on the exterior surface of the side pieces of the pedal-frame, between which ridges the legs B are adapted to be sprung when the support is in inoperative position. The extremities K of the ridges H which are nearest to the journals F are slightly tapering, so that the legs B ride readily thereupon and over the same when it is desired to turn the support from the position seen in Fig. 1 into inoperative position, as seen in Fig. 2.

The operation is as follows: The parts normally appear as seen in Fig. 2, in which position the legs B are retained in proximity to the side pieces of the pedal-frame E by reason of their resiliency, said legs being further prevented from interfering with the feet of the rider by reason of the ridges H. When it is desired to turn the support from the position seen in Fig. 2 into operative position, as seen in Fig. 1, it is only necessary to exert a pull on the support in the direction of the arrow *a*, as seen in Fig. 2, sufficient to cause the legs to ride past the lower ridge H, after which the support can be readily turned into the position seen in Fig. 1, the ends D thereof abutting against the adjacent portions of the pedal-frame E. When it is desired to place the support in inoperative position, it is only necessary to turn the same in the direction indicated by the arrow *b*, the legs B springing over the lower ridge H into the position seen in Fig. 2, in which they are held between the pairs of ridges H on either side of the pedal-frame.

It will of course be evident that changes may 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 herein shown and described.

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

1. A bicycle-support consisting of a pedal-frame, and a leg having a journal which is mounted on said frame, an upward extension

above said journal and an inwardly-deflected limb on said extension adapted to abut against the top portion of said pedal-frame.

2. The combination of a pedal-frame having longitudinally-extending ridges in the side pieces thereof, and a bicycle-support suitably journaled in said side pieces, the upper extremities of said support being inwardly

deflected so as to contact with the adjacent edges of said frame, when the support is in its operative position.

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