

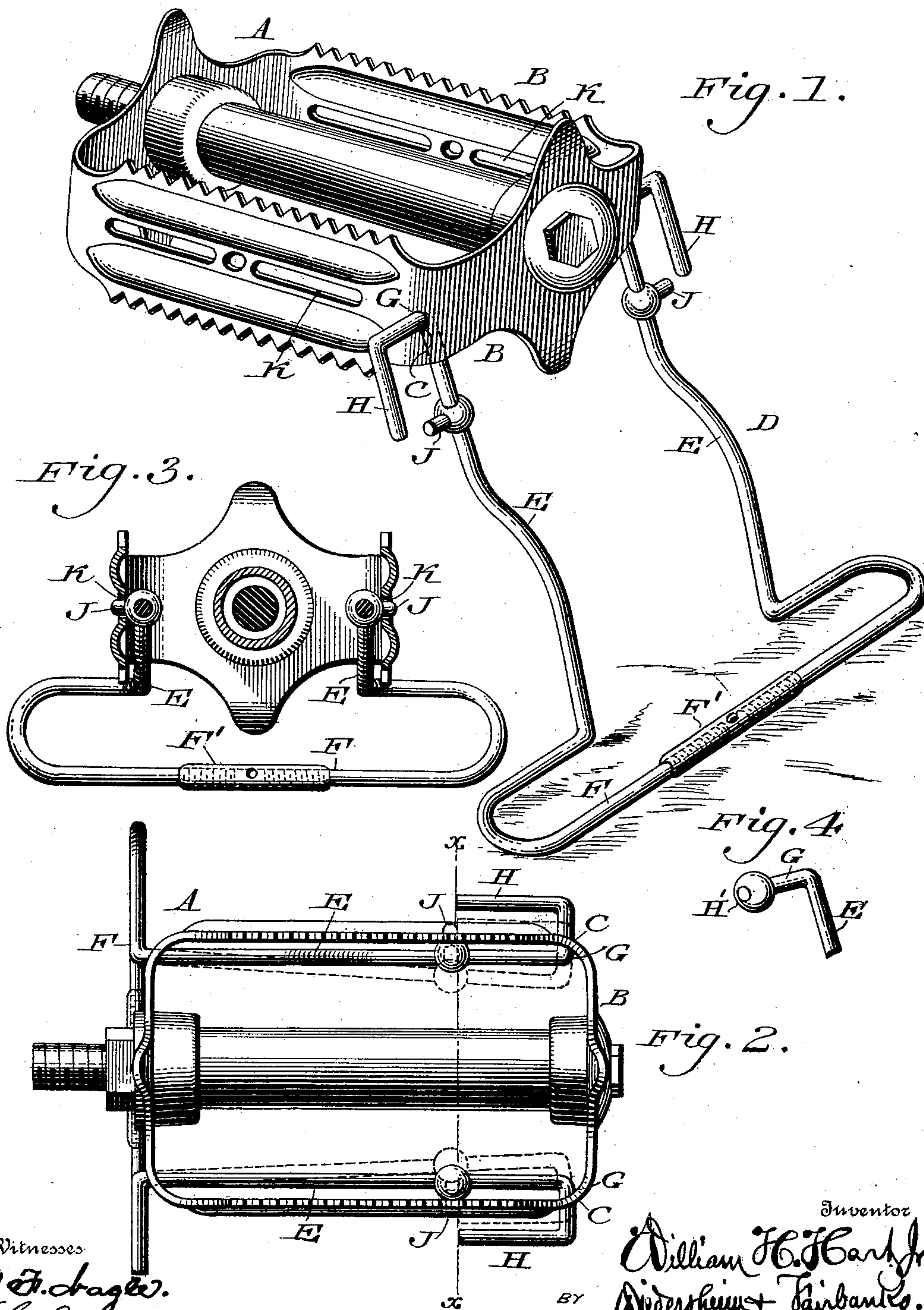
No. 637,254.

Patented Nov. 21, 1899.

W. H. HART, JR.
BICYCLE SUPPORT.

(Application filed Dec. 19, 1898.)

(No Model.)



Witnesses
O. F. Chagler.
L. D. Bouville.

Inventor
William H. Hart, Jr.
By Spidersheim & Fairbanks.
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM H. HART, JR., OF PHILADELPHIA, PENNSYLVANIA.

BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 637,254, dated November 21, 1899.

Application filed December 19, 1898. Serial No. 699,677. (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 resilient legs which are adapted to be journaled on the frame of a bicycle-pedal and provided with means for controlling the legs in folded position on said frame.

Figure 1 represents a perspective view of a bicycle-support embodying my invention. Fig. 2 represents a top or plan view thereof in folded position. Fig. 3 represents a transverse section on line $x x$, Fig. 2. Fig. 4 represents a perspective view of a modification.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a bicycle-pedal in whose frame B, at the forward end thereof, are the openings C.

D designates a support for a bicycle, the same consisting of the resilient legs E, the foot F, the journals G, and the finger-pieces H and the stud J.

The legs E are continuous of the foot F and are separated, whereby they may be pressed toward each other. The journals G extend outwardly from the ends of the legs opposite to the foot and pass through the openings C as the bearings of the journals. The finger-pieces H project from the journals in a direction toward the foot F and occupy a position on the outside of the frame B, while the journal ends of the legs are on the inner side of said frame.

In the front and rear pieces of the pedal-frame are slots or openings K, so disposed that when the support is folded within said frame the studs J spring into and occupy said openings K, thus interlocking the legs with the frame and controlling said legs, preventing unfolding of the same, as will be apparent in Fig. 3, the legs remaining on the frame, when the pedal may be operated as usual.

When it is desired to support a bicycle, the fingers are applied to the pieces H and the legs are pressed toward each other by the same, whereby the studs J are removed from

the slots or openings K and the legs are then turned on their journals to a downward and outward position, limited by the contact of the upper portions of the legs with the end portion of the frame B, as will be seen in Fig. 1, thus providing the support for the bicycle; the same being of a simple, compact, light, and inexpensive nature.

When service of the support is not required, the legs are pressed together, their journals then gliding in the openings C, said legs then being turned on their journals or axes upwardly to full extent. When they enter the frame A, they are let go, whereby they spring apart and the studs J enter the slots or openings K, thus locking the legs in their folded position on the frame, as shown in Figs. 2 and 3.

The foot F is divided or formed of separate sections and its ends have right and left screw-threads thereon for the engagement of the buckle F', whereby the legs are coupled as one, thus permitting the ready separation of the same and the removal and application of the legs from and to the frame A.

In Fig. 4 I show a knob H' as a finger-piece in lieu of those shown in Fig. 1.

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

1. In a bicycle-support having resilient legs with journals on the upper ends thereof and studs on the sides thereof, a pedal-frame having journal-openings C therein at or near the forward end thereof, and stud-receiving openings K therein in the sides thereof.

2. In a bicycle-support, resilient legs, provided with journals adapted to be mounted on a pedal-frame, and finger-pieces continuous of said journals, whereby said legs may be pressed together in order to fold and unfold said legs on and from said frame.

3. A bicycle-support consisting of legs with journals at their upper ends, finger-pieces continuous of said journals and studs on the sides, in combination with a pedal-frame having openings for said journals and openings for said studs, said legs being separate and having a divided base and a buckle adjustably connecting the opposite ends of the sections of said base.

4. In a bicycle-support, resilient legs hav-

ing journals in their upper ends, studs on the sides of said legs and finger-pieces on the ends of said journals, in combination with a pedal-frame having openings in which said journals 5 have their bearings, and other openings in which said studs are received in the inoperative position of the support.

5. In a bicycle-support, a pedal-frame having openings therein at or near its forward

ends and sides, and resilient legs having on their upper ends laterally-extending journals which are mounted in the end openings, and on their sides studs which are adapted to enter the side openings.

WILLIAM H. HART, JR.

Witnesses:

JOHN A. WIEDERSHEIM,
WM. C. WIEDERSHEIM.