

(No Model.)

F. P. McNULTY & T. McDERMOTT.
BICYCLE SUPPORT.

No. 580,702.

Patented Apr. 13, 1897.

Fig. 1.

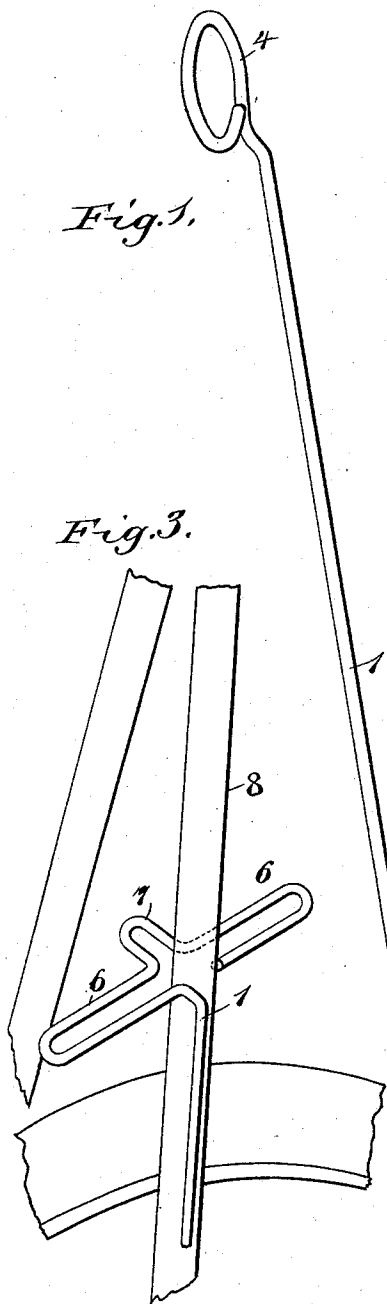


Fig. 3.

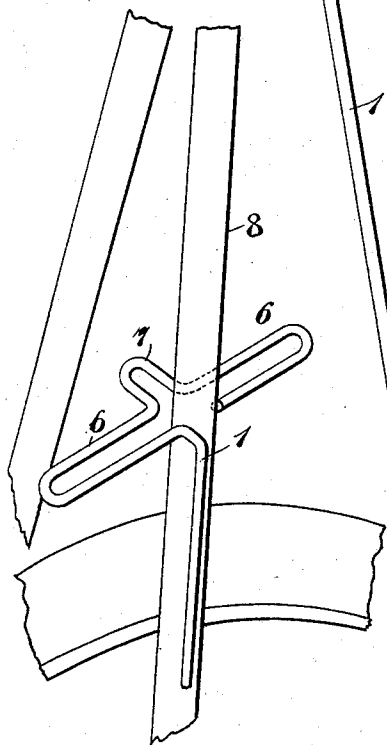
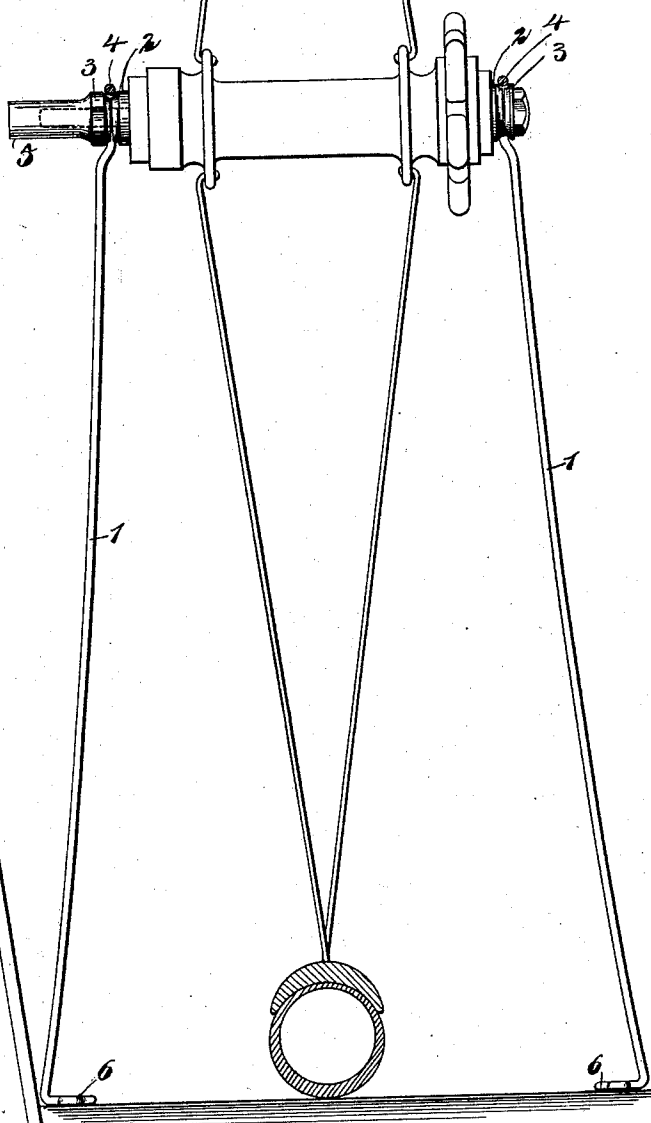
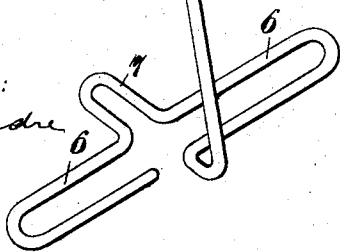


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

FRANCIS P. McNULTY AND THOMAS McDERMOTT, OF CINCINNATI, OHIO.

BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 580,702, dated April 13, 1897.

Application filed July 8, 1896. Serial No. 598,431. (No model.)

To all whom it may concern:

Be it known that we, FRANCIS P. McNULTY and THOMAS McDERMOTT, both of Cincinnati, in the county of Hamilton and State of Ohio, have invented new and Improved Bicycle-Supports, of which the following is a full, clear, and exact description.

This invention relates to supports for bicycles; and the object is to provide a simple device or devices that may be easily attached to the rear-wheel spindle in such manner as to support the wheel on both sides and in a vertical position and adapted to engage with the rear-fork members when not required as a support.

The invention consists in the construction and novel arrangement of parts, as will be hereinafter set forth, and particularly pointed out in the appended claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of a support embodying our invention. Fig. 2 is a front elevation showing the devices as attached to a wheel and in operative position, and Fig. 3 is a fragmentary perspective view showing a support as secured in its inoperative position.

The support comprises metal rods 1, mounted on and adapted to swing axially of the rear-wheel spindle. As here shown, the spindle is extended outward at both ends to engage nuts made in two parts 2 and 3. The adjacent faces of the two parts have their edges chamfered off to form an annular bearing, in which the ring portion 4 of a support engages. By this construction it is obvious that a support may be easily attached or detached by first removing the nut portion 3. Preferably one of the nut portions 3 will be elongated, as at 5, to form a step.

The free end of each support is bent to form a foot to engage with the ground and a clamping device to engage with a member of the

rear fork. As here shown, the rod is bent to form lateral extensions 6, each consisting of substantially parallel members, and an intermediate inward extension 7, consisting of substantially parallel members. The foot portion extends at substantially right angles to the body portion of the support, so as to engage at all points with the ground. The end of the rod forming the foot portion is spaced from the junction of the body and foot portion, so that the foot portion may be sprung over a member 8 of the rear fork, as plainly shown in Fig. 3.

When the devices are in use to support a bicycle, they will extend in a divergent manner and prevent the wheel from tipping laterally in either direction. When not required as supports, the devices may be turned up and engaged with the rear fork, the resiliency of the rods serving to retain them securely in place.

While we preferably employ two supports, as shown and described, it is obvious that one of them may be omitted without departing from the spirit of our invention, as by giving a little more pitch to a single device with relation to a wheel a substantial support is obtained.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The combination with a bicycle-wheel spindle, of a two-part nut having the edges of its adjacent faces beveled to form an annular bearing-groove, the outer part of said nut being extended to form a step, and a supporting-rod having a ring portion to engage in the annular groove, substantially as specified.

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Witnesses:

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