

(No Model.)

M. S. MICHENER.
BICYCLE SUPPORT.

No. 579,717.

Patented Mar. 30, 1897.

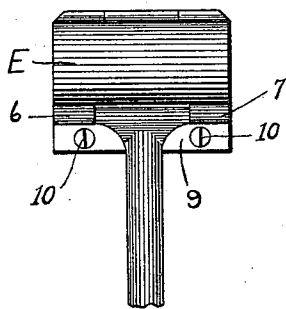
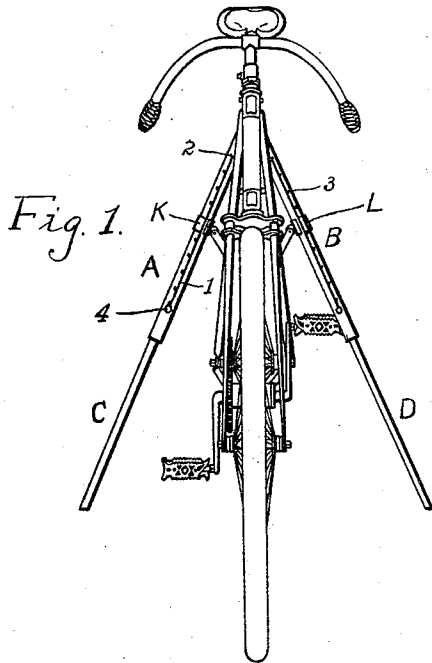


Fig. 3.

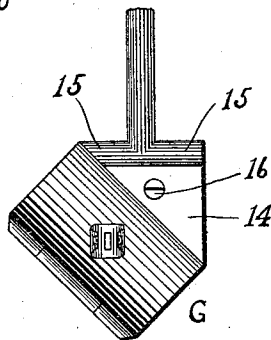
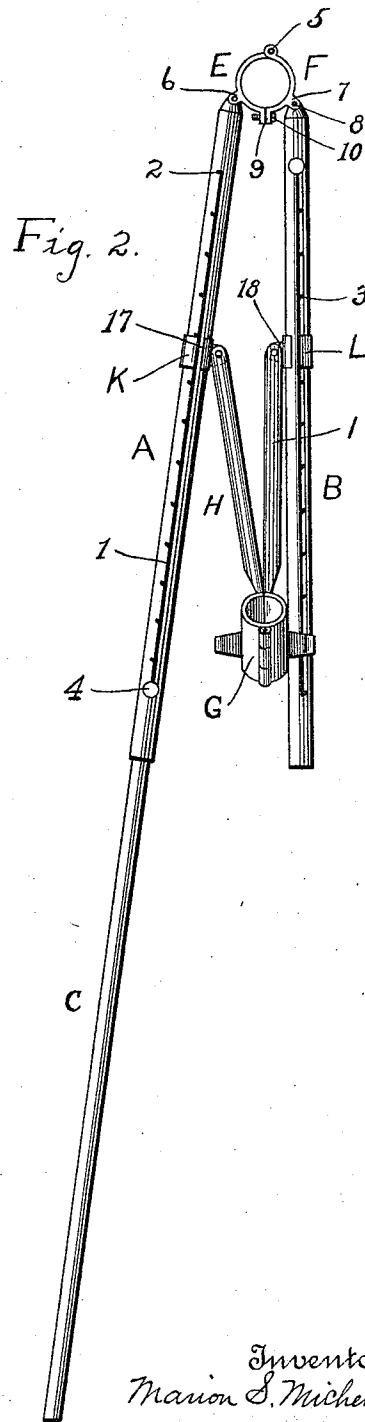


Fig. 4.



Witnesses
F. B. Barry.
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UNITED STATES PATENT OFFICE.

MARION S. MICHENER, OF KANSAS CITY, KANSAS, ASSIGNOR OF ONE-HALF
TO ANGUS McMILLAN, OF SAME PLACE.

BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 579,717, dated March 30, 1897.

Application filed July 15, 1896. Serial No. 599,224. (No model.)

To all whom it may concern:

Be it known that I, MARION S. MICHENER, a citizen of the United States, residing at Kansas City, in the county of Wyandotte and State of Kansas, have invented certain new and useful Improvements in Bicycle-Supports; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to bicycle-supports.

My object is to provide a simple and inexpensive bicycle-support adapted for ready attachment to an ordinary bicycle and which can be easily and quickly manipulated to support the machine when desirable.

A further object is to provide an improved support of the class described which will be of such compact construction that it may be folded so as to occupy a small space when not in use.

Having these and other minor objects in view, my invention consists of a bicycle-support of improved and novel construction, as will appear more fully hereinafter.

In the accompanying drawings, Figure 1 is a front elevation showing the support in use as applied to an ordinary bicycle; Fig. 2, a detail view of the support, and Figs. 3 and 4 detail views of certain clamps and connections.

A and B designate tubular supporting-legs, each of which is provided with a longitudinally-extending guide-slot 1, having a back cut 2 at its upper end and being also provided with a series of regularly-spaced inclined back cuts 3.

C and D designate respective supporting-feet, which are duplicates. Each foot consists of a cylindrical metal rod which is received in a supporting-leg, and 4 represents a clamping-screw which is screwed into the upper end of the foot and has its shank passed through the guide-groove and adapted for entrance into the back cuts. By completely telescoping the supporting leg and foot and turning the latter slightly, so that the shank of the clamping-screw will enter the uppermost back cut, and then clamping said screw down upon the supporting-leg, the foot can

be held secure within said leg. Said foot may be adjusted so as to give a support of any length by sliding it within the supporting-leg, passing the shank of the said screw into one of the inclined back cuts, and clamping said screw down.

E and F designate clamp-sections, which are hinged together on a pin 5 at one side. Nearly diametrically opposite each section of the clamp is provided with two eyes 6 and 7, and 8 designates a pivot-pin which passes through said eyes and the upper end of the supporting-leg. Each clamp-section is provided with an ear 9, and screws 10, passing through the ears, holding the sections of the clamp together. This clamp should be placed in position around the upper line tube of the bicycle-frame immediately in front of the saddle.

G designates a second clamp comprising two sections hinged together, as before described, and each section of this clamp is provided with a triangular ear 14, having two eyes 15, and after said clamp has been placed around the lower lying tube of the bicycle-frame it is fastened in position by a screw 16, which passes through the ears.

H and I designate two tubular braces, which have their lower ends formed into hollow heads and received between the eyes and the ears, pivot-pins passing through said eyes and the heads being employed to hinge these braces to the respective clamp-sections.

K and L designate runners, which are slidable on the respective supporting-legs, and are longitudinally slit at 17, so as to allow free passage of the shank of the said screw there-through. Each runner is provided with an ear 18, and the upper end of the brace is pivoted to this ear.

The operation is as follows: The support is folded by first telescoping the feet within the legs and clamping them in position and then pressing the legs into the spring-clips, where they will be firmly held no matter what the jar or vibration may be.

In supporting the bicycle either one or both supporting legs and feet may be employed. The foot is first extended and then clamped in position. The leg and foot may now be swung out until the brace assumes a hori-

zontal position, whereupon said leg and foot will be firmly held and the bicycle properly supported. Should it be desirable to employ both legs and feet, the operation is the same
5 as with the other leg and foot.

It is to be understood that inasmuch as slight and immaterial changes might be resorted to by a skilled mechanic in carrying out my invention I consider myself entitled
10 to all such variations as might come within the spirit and scope of my invention.

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

15 In a bicycle-support, the combination with

a bicycle-frame, of a supporting-leg pivoted thereto, said leg being provided with a longitudinal slot, a foot telescoping in the leg, a clamping-screw carried by the foot and working in the slot, a runner movable on the leg
20 and which also has a slot from end to end thereof, and a brace pivotally connected to the runner and the bicycle-frame.

In testimony whereof I have signed this specification in the presence of two subscribers
25 ing witnesses.

MARION S. MICHENER.

Witnesses:

GRACE I. MICHENER,
CLARA B. BAKER.