No. 704,161. Patented July 8, 1902.

R. O. WILCOX.

BICYCLE SUPPORT.

(Application filed Oct. 7, 1901.)

(No Model.)

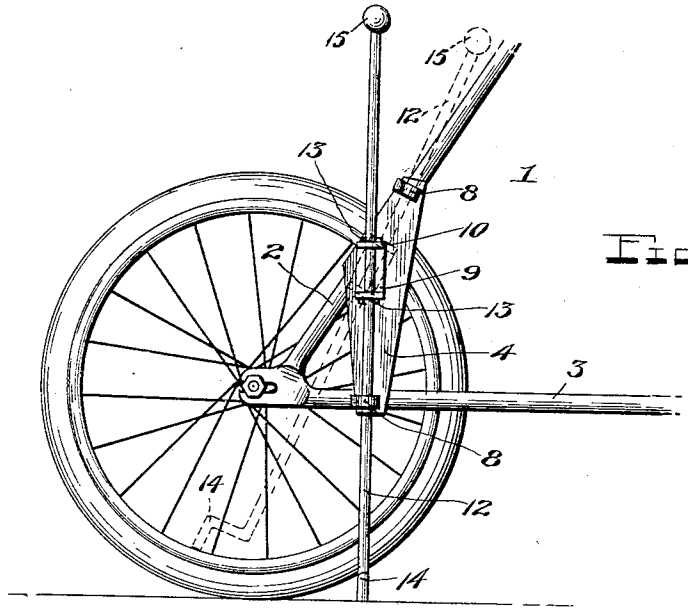


Fig. 1

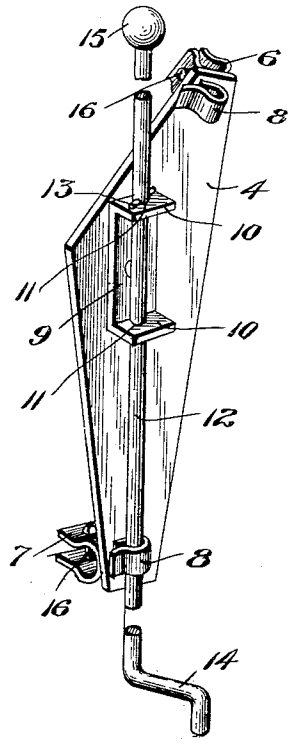


Fig. 2

Witnesses

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REUBEN O. WILCOX, OF WICHITA, KANSAS, ASSIGNOR TO JOHN H. MODRELL, OF WICHITA, KANSAS.

BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 704,161, dated July 8, 1902.

Application filed October 7, 1901. Serial No. 77,879. (No model.)

To all whom it may concern:

Be it known that I, REUBEN O. WILCOX, a citizen of the United States, residing at Wichita, in the county of Sedgwick and State of Kansas, have invented certain new and useful Improvements in Bicycle-Supports; and I do 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.

The invention relates to a bicycle-support, and more particularly to that class intended to be attached to the machine and adapted to sustain it in an upright position when not in use; and the object is to provide a simple, cheap, and convenient device of this character that can be easily attached to the frame of the machine and which can be folded out of the way of the rider when it is not in use and can be readily and instantly set to form a stand and support the machine in an upright position after the rider has dismounted; and to these ends the novelty consists in the construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a side elevation of a portion of the bicycle-frame, illustrating the application of the invention, the prop being shown in full lines in engagement with the ground and in dotted lines elevated. Fig. 2 is an enlarged detail perspective view of the attachment removed.

In the drawings, 1 denotes the bicycle-frame, of which 2 is the rear fork and 3 the lower tube thereof.

4 denotes the plate or frame of the bicycle-support, of which there are two, one for each side of the machine. This plate or frame is provided at its upper and lower ends with clamps 6 and 7, which respectively engage the parts 2 and 3 of the bicycle-frame and are secured thereto by clamping-bolts 16, or any other suitable means may be provided for attaching the plate or support-frame to the bicycle-frame without departing from the spirit of the invention.

8 denotes holders secured to the plate or support-frame at points near its opposite ends and in the present instance are in the form of spring clasps or hooks, the bills of which project in the same direction.

9 denotes a head swiveled to the plate or support-frame to one side of the vertical line drawn through the holders and preferably provided with flanges 10 at its ends, which are formed with alined apertures 11. 12 denotes a prop which is journaled in said apertures and is prevented from having longitudinal movement in the swiveled head by any suitable means, preferably by pins 13. The lower end of this prop is preferably provided with a horizontally-extending foot 14, while the upper end is provided with a knob or handle 15, which projects within convenient reach of the rider.

In operation when it is desired to support the machine in a vertical position the props at each side thereof are swung to disengage their upper ends from the holders at the upper ends of the plates and engage their lower ends with the holders at the lower ends of the plates, in which position the props will be in substantially a vertical position, with their lower ends touching the ground. A reverse movement of the props will disengage their lower ends from the lowermost holders and engage their upper ends with the uppermost holders, thereby swinging the lower ends of the props from engagement with the ground to permit of the propulsion of the machine. After having been swung into this position the props may be given a slight turn, so as to swing their horizontally-extending feet in closer to the frame of the machine, so as not to interfere with the movement of the rider.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of the invention will be readily understood without requiring a more extended explanation.

While the preferred form of the invention is as herein described, it will of course be understood that changes in the form, proportion, and the minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

In a bicycle-support, the combination of a support-frame provided with means of attachment to a bicycle-frame, a head swiveled to the support to swing in a plane parallel to the bicycle-frame and having laterally-projecting ears formed with alined apertures, a prop inserted through said apertures and provided with a stop-pin adapted to limit its downward movement, and fastenings carried by said support, one located below and in the vertical line of the head, and the other above and to one side of the vertical line of the head, for securing the prop against movement when adjusted in contact with the ground, or elevated, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

REUBEN O. WILCOX.

Witnesses:
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