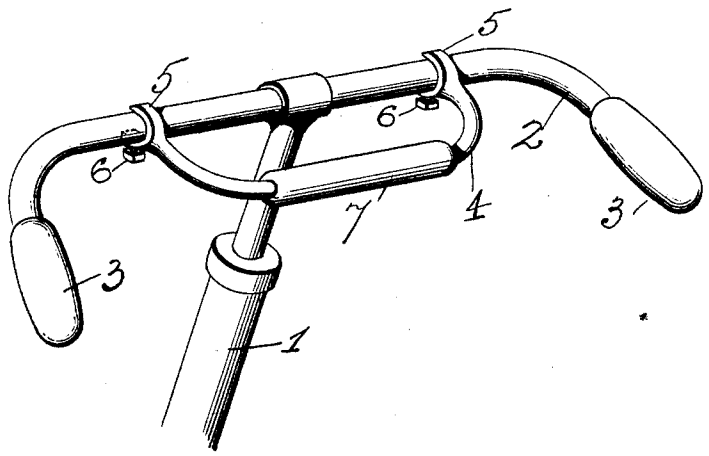
(No Model.)

J. G. WALSH.

HANDLE BAR FOR BICYCLES.

No. 586,678. Patented July 20, 1897.



Witnesses
H. Sweinen.
A. R. Brown.

Inventor
John G. Walsh,
By Chas J. Gooch,
his Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN G. WALSH, OF NEW YORK, N. Y.

HANDLE-BAR FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 586,678, dated July 20, 1897.

Application filed August 4, 1896. Serial No. 601,634. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. WALSH, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Handle-Bars for Bicycles; 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.

This invention relates, as hereinafter set forth, to a novel supplemental handle-bar for bicycles.

The object of my invention is to produce an independent and rearwardly or inwardly extending central hand-grasp or supplemental handle for bicycles by means of which the bicycle may be guided by the use of one hand alone, the rider at all times permitted to retain an upright position, and the hand-grasp be readily adjustable in the arc of a circle to suit different riders and readily placed in and removed from position on an ordinary handle.

The drawing represents a perspective view of so much of a bicycle as is necessary to illustrate my invention and having my improved independent and supplemental handle removably and adjustably connected to an ordinary handle-bar.

As ordinarily constructed, the handle-bars of bicycles are of such formation as to usually necessitate the employment of both hands of the rider to maintain perfect control of the machine, the ordinary construction, moreover, often necessitating the stooping or bending over of the rider to properly manipulate and control the machine, disadvantages which are so well known and injurious in their results as not to require enumeration here.

It is the design of my invention to obviate in a simple and inexpensive manner the objectionable features of the ordinary construction of handle-bars above alluded to. These advantages I secure by means of a supplemental handle-bar adapted to be readily applied to and removably and adjustably secured to an ordinary handle-bar while said ordinary handle-bar is in position on the post and without interfering with either said ordinary handle-bar or any other portion of the machine by means of suitable clamp devices, said supplemental handle when applied to the ordinary handle-bar extending inwardly or rearwardly therefrom and centrally of the machine, so as to be at all times within easy reach of the rider while in upright position.

1 represents the post of ordinary construction.

2 represents an ordinary handle-bar. This may be of any shape or design, my improvement being equally well adapted for ready attachment to and removal from and use on any kind of handle-bar or to a simple horizontal bar extending from the post and not having hand-grasps, as 3.

4 represents my improved independent supplemental handle. This is preferably of inwardly or rearwardly extending curvature. It is formed separately from the handle-bar and is provided at its outer portion with open-mouthed clips which, as at 5, are adapted to clip the ordinary handle-bar and be removably and adjustably secured in position thereon by clamp-screws, as 6, or other suitable means, so that it may be readily applied to or removed from said ordinary handle-bar without interfering in any way with either the hand-grasps on said ordinary handle-bar or with any other portion of the machine and also be vertically adjusted thereon in the arc of a circle to adapt it for use at any desired height, and also, consequent to its arc movement, have measurable adjustment rearwardly and forwardly. By means of this attachment a rider can readily apply it in position and thereby always maintain an upright position on his bicycle and need only use one hand in guiding the wheel.

The advantages securable by my novel supplemental handle will be readily seen and appreciated by all users of the wheel. It can be very cheaply constructed and applied to ordinary handle-bars and also readily removed from position thereon without disturbing any portion of the bicycle. It is readily adjustable to suit the several requirements of either a high or a low or a forward or a rearward hand-grasp. Its use enables the rider to sit upright at all times and to effectively guide his wheel with one hand alone, though of course the rider may use both hands, if desired. By reason of the supplemental handle being located centrally of the handle-

bar more perfect control, with less fatigue, can be had over the machine than is possible where the hands of the rider have to be extended to the extreme ends of the handle-bar.

The supplemental handle can be used on other wheeled vehicles than bicycles—as, for instance, on tricycles or other wheeled vehicles having a front cross-bar.

The supplemental handle may be formed of any suitable material and may be either plain or it may have a hand-grasp, as 7, of cork, rubber, or other desired material.

Having thus described my invention, what I claim is—

As an article of manufacture, a supplemental handle for bicycles and the like, consisting of a rearwardly-extending bar having at its rear a hand-grasp and at its front portion open-mouthed clips adapted to straddle and grip the customary handle-bar and to have removable and rocking bearing thereon, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JNO. G. WALSH.

Witnesses:
J. R. M. WALSH,
G. WELLS WALSH.