(No Model.)

J. C. BLANCHARD, Jr.

REMOVABLE BICYCLE HANDLE.

No. 605,626. Patented June 14, 1898.

Fig. 1.

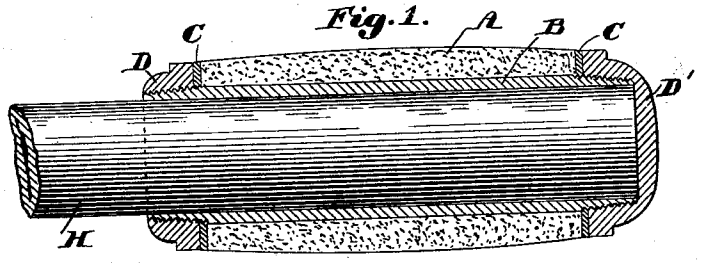


Fig. 2

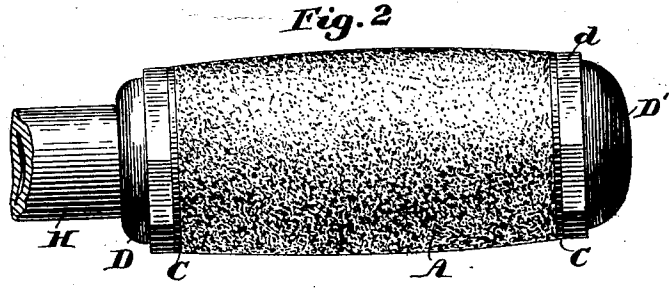
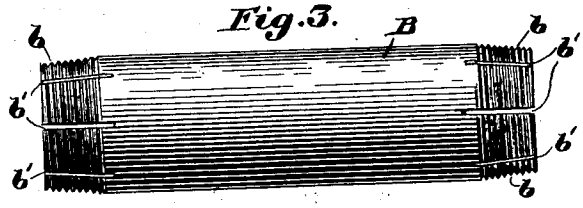


Fig. 3.



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UNITED STATES PATENT OFFICE.

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REMOVABLE BICYCLE-HANDLE.

SPECIFICATION forming part of Letters Patent No. 605,626, dated June 14, 1898.

Application filed March 31, 1897. Serial No. 630,057. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. BLANCHARD, Jr., of Hyde Park, in the county of Norfolk and State of Massachusetts, have invented an Improvement in Removable Bicycle-Handles, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

So far as I am aware bicycle-handles have been made heretofore either as a part of the handle-bar or secured immovable and practically integrally thereto. Frequently, however, it is very desirable to be able to quickly remove a handle or attach the same to a new position on the handle-bar. For instance, if the bicycle should tip over, so that the handle should become split or roughened thereby, tending to injure the hand of the rider, or if the covering of the handle should become mutilated from any cause whatever, in any of these instances it would be very desirable to be able to at once remove the old handle and replace it with a new one or at least to loosen the old handle and turn it, so that a new portion thereof would be presented to the hand of the rider.

Accordingly it is the object of my present invention to provide a removable handle as an article of manufacture, this handle being entirely independent of any bicycle and being complete in itself for adjustment to any usual wheel and being capable of production in any style and in any material.

My invention and the details thereof will be more fully apprehended in the course of the following description thereof and will be more particularly defined in the appended claim, forming a part of this specification.

In the accompanying drawings, illustrating the preferred embodiments of my invention, Figure 1 is a vertical longitudinal section of a preferred form of my invention, showing the same in operative position secured in place on a usual handle-bar. Fig. 2 is a front elevation thereof. Fig. 3 is a front elevation of the tubular socket which serves to support the handhold or gripping-surface which is secured thereon.

The handhold or gripping-surface A may be and is of any ordinary or preferred kind, cork being shown herein, the handhold being fixedly secured on a tubular member B, which forms both a support for the handhold and socket for the handle to be slipped over a usual handle-bar H. Preferably the handhold will be secured by an inclosing ring C at each end, these rings being shown in Fig. 1 as preferably threaded on the tubular member, thereby independently clamping the handhold firmly in position.

At each end of the handle is a tapering or rounded end piece D and D′, respectively, the latter having a closed end to form the free end of the handle. These end pieces are preferably threaded on their inner surfaces and coöperate with the conically-tapered and threaded end *b* of the tubular socket, the latter being split, as indicated at *b*′, Fig. 3, to enable the end pieces to tightly clamp the handle on a handle-bar in any desired position.

In operation if a handle should become injured or if the rider should take a fancy to substitute another handle for his old one he would simply apply a spanner or wrench to the faces *d* of the end pieces and turn the latter back sufficiently to allow the split ends of the socket member to be released from their clamping position. The handle would then simply be slipped off from the handle-bar, and another handle would be substituted, the entire change being accomplished in a moment and the handle being adjusted to suit the preference of the particular rider.

Heretofore it has been customary to have handles cemented onto the handle-bar, so that it has been necessary to apply heat to the handle-bar in order to loosen the cement before the handle could be removed, the handle, as well as the handle-bar, being liable to great injury by this process, and also in extremely hot weather it has been found that the cement would soften sufficiently to make the handle loose and liable to twist under the grip of the rider. All these objectionable features are entirely avoided by my invention, and, furthermore, my invention enables the rider to change the handle feature of his bicycle at will and affords also a wide field for variety and novelty in the production of handles as articles of manufacture.

I do not intend to limit myself to the precise details of invention as herein set forth, inasmuch as many changes therein may be re-

sorted to within the spirit and scope of my invention.

The retaining or inclosing rings C, independent of the end pieces, are particularly well adapted to securing handholds composed of rings of leather or other material put together in ring-like pieces which it is desired to clamp snugly between the inclosing rings.

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

A bicycle-handle complete as a new article of manufacture, and comprising a support in the form of a tubular socket extending from end to end of the handle, said support having adjacent to but slightly removed from each end thereof an inclosing ring, material surrounding said support and retained by said inclosing rings suitable to be grasped by the hand, said support having at each end beyond said rings a tapered threaded portion, and end pieces interiorly threaded and correspondingly tapered to fit over the said threaded ends of the support, one of said end pieces being ring-like, and the other of said end pieces being closed to constitute the free end of the handle when the latter is secured in place on a handle-bar, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN C. BLANCHARD, JR.

Witnesses:

GEO. H. MAXWELL,

GEO. W. GREGORY.