

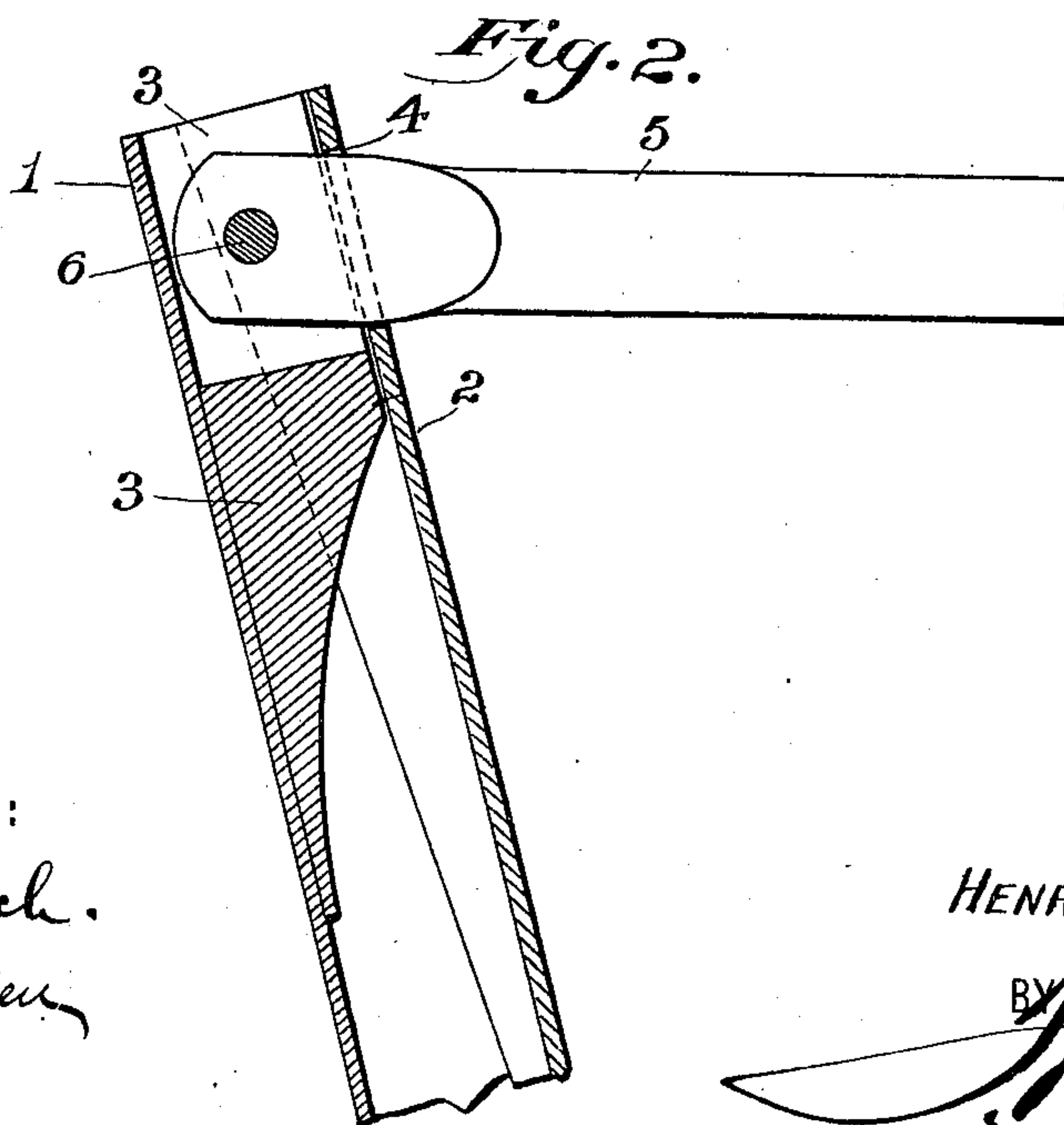
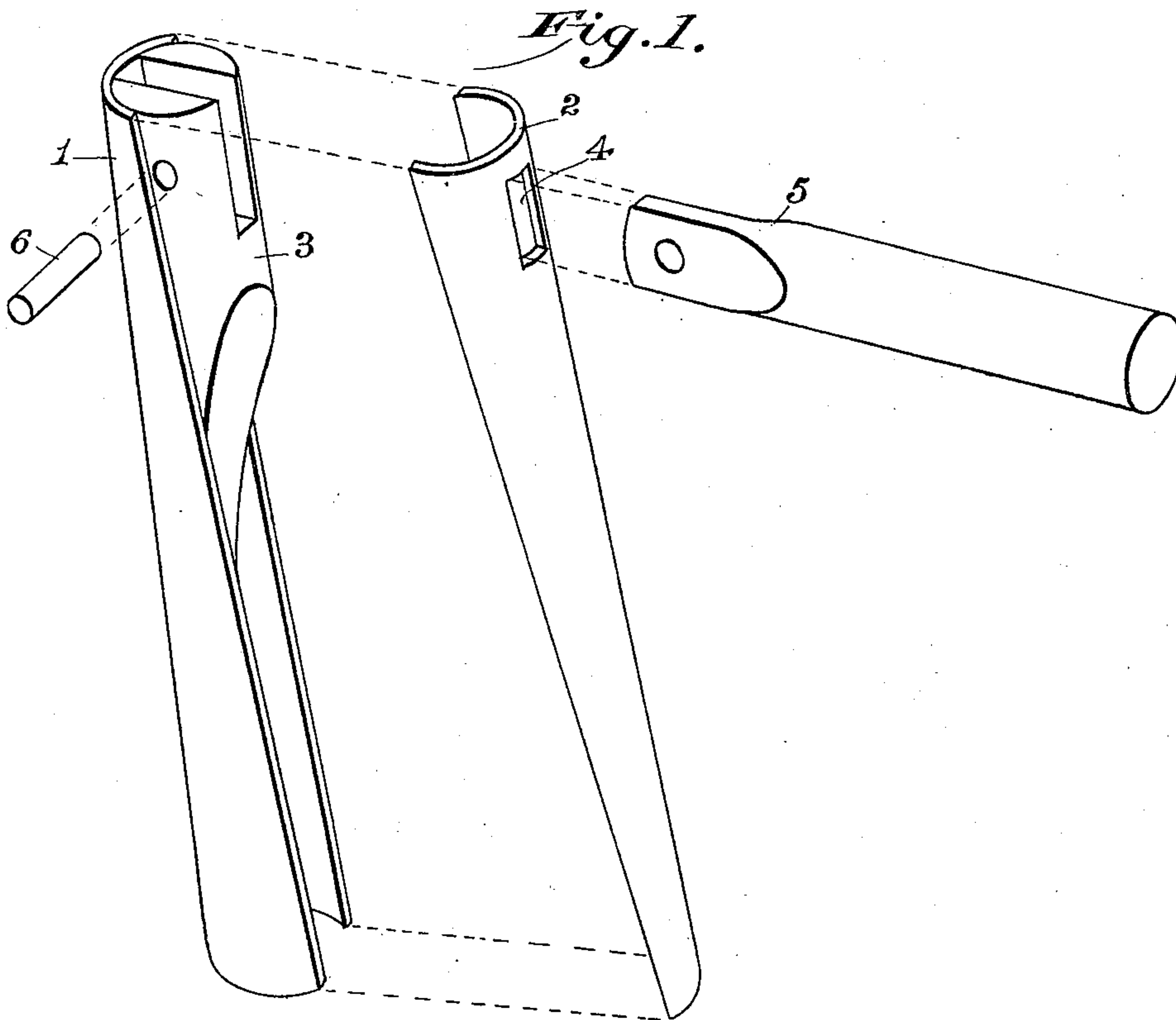
No. 629,697.

Patented July 25, 1899.

H. T. MILLER.
SEAT POST FOR BICYCLES.

(Application filed Apr. 7, 1899.)

(No Model.)



WITNESSES:

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SEAT-POST FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 629,697, dated July 25, 1899.

Application filed April 7, 1899. Serial No. 712,174. (No model.)

To all whom it may concern:

Be it known that I, HENRY T. MILLER, 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 Seat-Posts 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.

My invention relates to certain improvements in seat-posts for bicycles, but is particularly identified with the style of seat-posts shown and described in Letters Patent No. 607,181, issued July 12, 1898, to George W. Lord, the object of the present improvement being to improve upon and simplify said patented construction.

In the accompanying drawings, which form a part of this application, Figure 1 is a perspective view illustrating the parts of my improved seat-post in detached condition, while Fig. 2 is a central vertical section of my improved post.

Similar numbers of reference denote like parts in both figures of the drawings.

1 2 are the complementary members of my improved post, having their inner edges oppositely inclined and meeting in assembled condition, so as to form a cylindrical-shaped post. The member 1 has secured thereto in any suitable manner at its upper end a head 3, which is cylindrical in cross-section, and the upper end of the member 2 embraces this head, but is capable of sliding freely therealong. The member 2 is provided with an opening 4 near its upper end, while the seat-supporting lever 5 extends loosely through this opening and is pivoted by means of a pin 6 within the head 3.

In adapting my improvement for use the seat-post members are inserted within the usual socket in the bicycle-frame and the lever depressed, thereby forcing the wedge-

shaped portions in such manner as to cause them to expand within such socket in precisely the same manner as is shown and described in the aforesaid Letters Patent. The lever 5 operates against the lower wall of the opening 4 when the members are expanded within the socket, and when it becomes necessary to remove the post the lever acts against the upper wall of such opening.

Of course I do not wish to be understood as claiming any broad feature of invention relative to seat-posts of this description, since the present improvement is merely a species of the invention set forth in said patent exceedingly simple and effective in use.

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

1. A seat-post for bicycles comprising two complementary members whose inner edges meet and are oppositely inclined, one of said members having a cylindrical-shaped head, while the other member embraces said head and is free to slide therealong, and a seat-supporting lever pivoted within said head and extended loosely through an opening in the other member, substantially as set forth.

2. In a seat-post for bicycles, the combination of the member having a cylindrical-shaped head, the member which embraces said head and has an opening near its upper end and is capable of a free sliding movement along said head, said members being the complements of a cylindrical post and having oppositely-inclined inner edges which meet throughout the lengths of said members, and the seat-supporting lever which extends loosely through said opening and is pivoted within said head, substantially as set forth.

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

HENRY T. MILLER.

Witnesses:

FREDK. HAYNES,
F. W. SMITH, Jr.