

(No Model.)

J. A. HUNT.
BICYCLE SADDLE.

No. 576,968.

Patented Feb. 9, 1897.

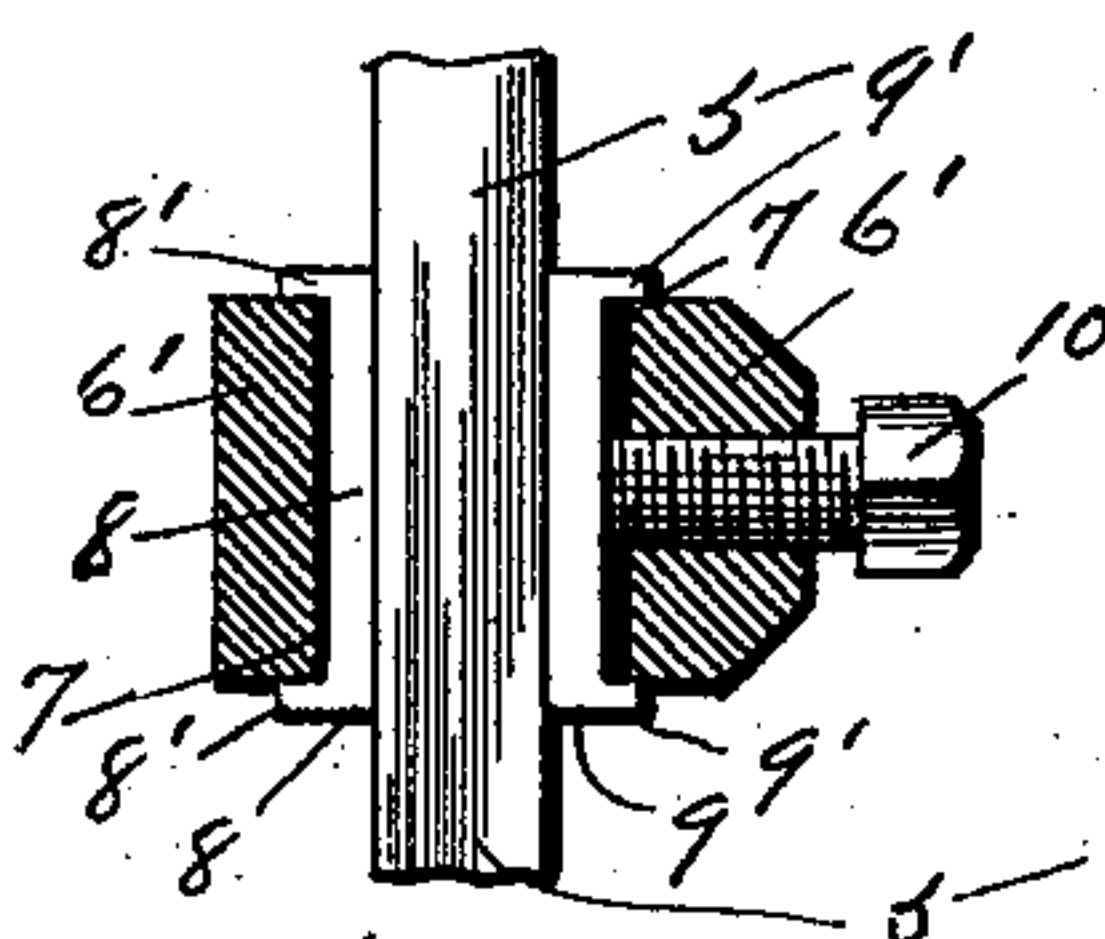
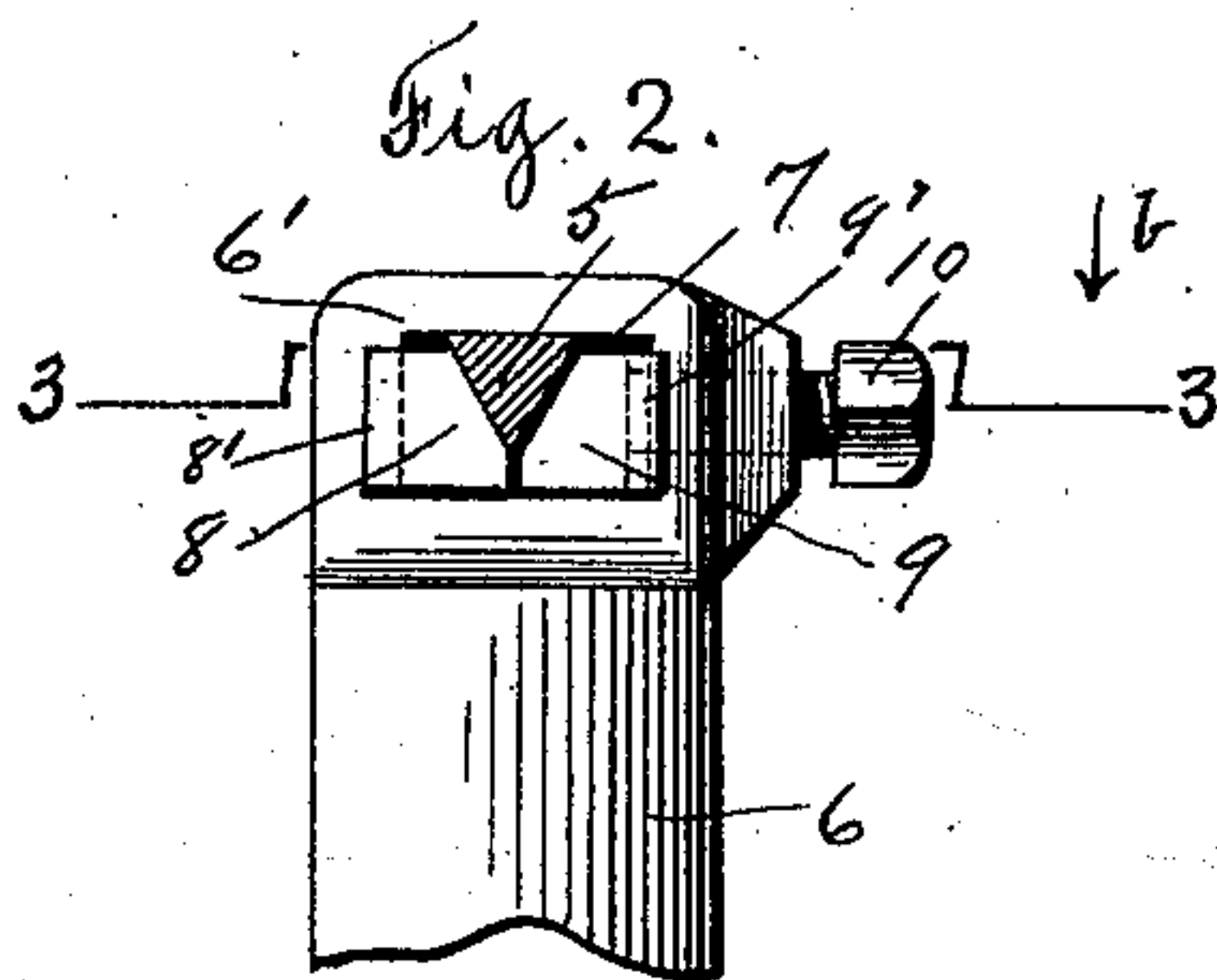
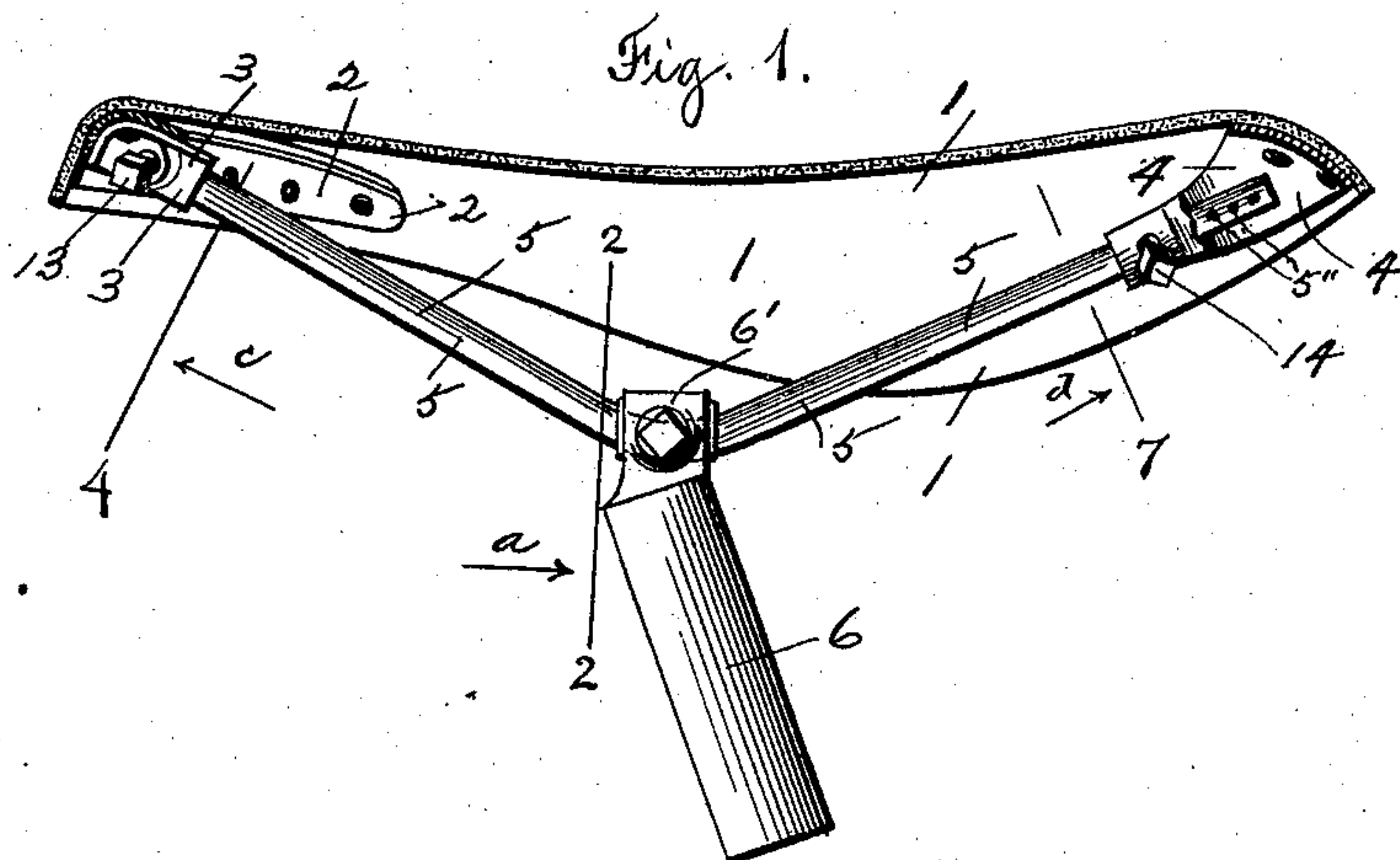


Fig. 3.

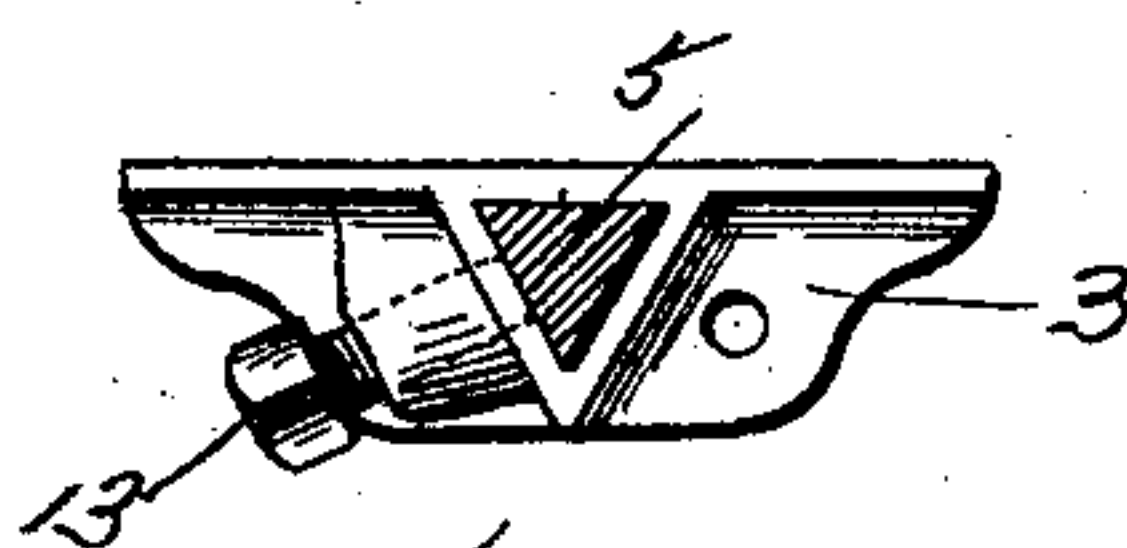


Fig. 4.

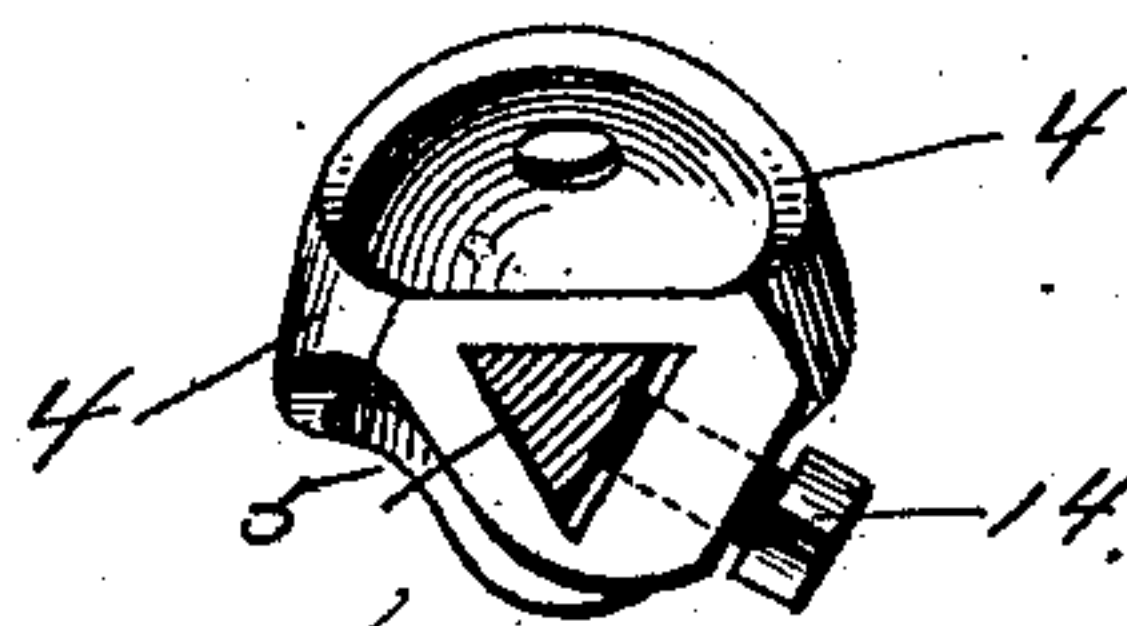


Fig. 5.

Witnesses

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JONATHAN A. HUNT, OF WESTBOROUGH, MASSACHUSETTS.

BICYCLE-SADDLE.

SPECIFICATION forming part of Letters Patent No. 576,968, dated February 9, 1897.

Application filed September 30, 1895. Serial No. 564,097. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN A. HUNT, a citizen of the United States, residing at Westborough, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Bicycle-Saddles, of which the following is a specification.

My invention relates to saddles for bicycles, &c., and more particularly to the manner of clamping the spring which supports the seat to the seat and also to the saddle post or support; and the object of my invention is to improve upon the manner of clamping the spring to the seat and to the saddle post or support now ordinarily employed and to provide an improved clamping attachment of very simple construction and operation and very light in weight and which may be used in connection with a saddle-seat and saddle post or support of any ordinary construction.

My invention consists in certain novel features of construction of my saddle-spring-clamp attachment, as will be hereinafter fully described, and the nature thereof indicated by the claim.

Referring to the drawings, Figure 1 is a side elevation of a spring and a saddle-post provided with my improved clamp attachments. The saddle-seat and spring-holders thereon are shown in section. Fig. 2 is a cross-section through the spring on line 2 2, Fig. 1, looking in the direction of arrow *a*, same figure. Fig. 3 is a section on line 3 3, Fig. 2, looking in the direction of arrow *b*, same figure. Fig. 4 is a section on line 4 4, Fig. 1, looking in the direction of arrow *c*, same figure. (The seat is not shown.) Fig. 5 is a cross-section on line 7 7, Fig. 1, looking in the direction of arrow *d*, same figure. (The seat is not shown.)

In the accompanying drawings, 1 is a saddle-seat of any ordinary shape and construction and preferably made of leather and provided with the metal rib or support 2 at its rear end and the cantle or spring-holder 3, attached to said support 2 or made integral therewith, and the spring-holder 4 at the front end of the seat and attached thereto.

The saddle-spring 5 consists of a single bar, preferably of triangular shape in cross-section and bent or curved at about its middle point, where it is attached to the upright tubular post 6.

The tubular post 6 is provided with an upper end 6', preferably made separate from the

tubular part and brazed or secured thereto. The end 6' has an opening 7 extending horizontally through said end. The opening 7 is adapted to receive two movable jaws or clamps 8 and 9, which extend lengthwise in said opening and are provided with lips or flanges 8' and 9' at their outer ends adapted to extend beyond the opening 7 and overlap the edges of said opening, as shown in Figs. 1 and 2, to hold said jaws in said opening.

The upper part or side of each jaw 8 and 9 is cut out or made beveled to receive the triangular-shaped bar or spring 5, which passes through the opening 7 between the jaws 8 and 9.

A screw or bolt 10 turns in a threaded hole tapped in one side of the end 6' and bears at its inner end against the outer side of one of the jaws, as 9. When said bolt 10 is turned in, it acts to force said jaw 9 against the top of the opening 7 and against the bar or spring 5 and said bar or spring against the other jaw 8, which in turn is forced against the side of the opening 7. In this way the triangular or three-sided bar or spring 5 is rigidly clamped on all sides between the jaws 8 and 9 and the upper part of the head 6'.

The advantages of my improved clamping attachment for saddle springs or supports will be readily appreciated by those skilled in the art.

It will be understood that the details of construction of my clamp attachment may be varied, if desired.

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

The combination with an upright post, having a horizontal opening therein at its upper end, through which the saddle-spring, of non-circular shape in cross-section, extends, of two movable jaws or clamps extending through said opening, and made beveled or cut out to receive said spring, and with lips or flanges at their outer ends which extend over the edges of said opening, and a screw or bolt turning in a threaded hole in one side of the post, and adapted to bear at its inner end against one of the jaws, to clamp the saddle-spring between said jaws and the top of the post, substantially as set forth.

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Witnesses:

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