(No Model.)

B. S. SEAMAN.

BICYCLE SADDLE FRAME AND HOLDER.

No. 591,573. Patented Oct. 12, 1897.

Fig. 1.

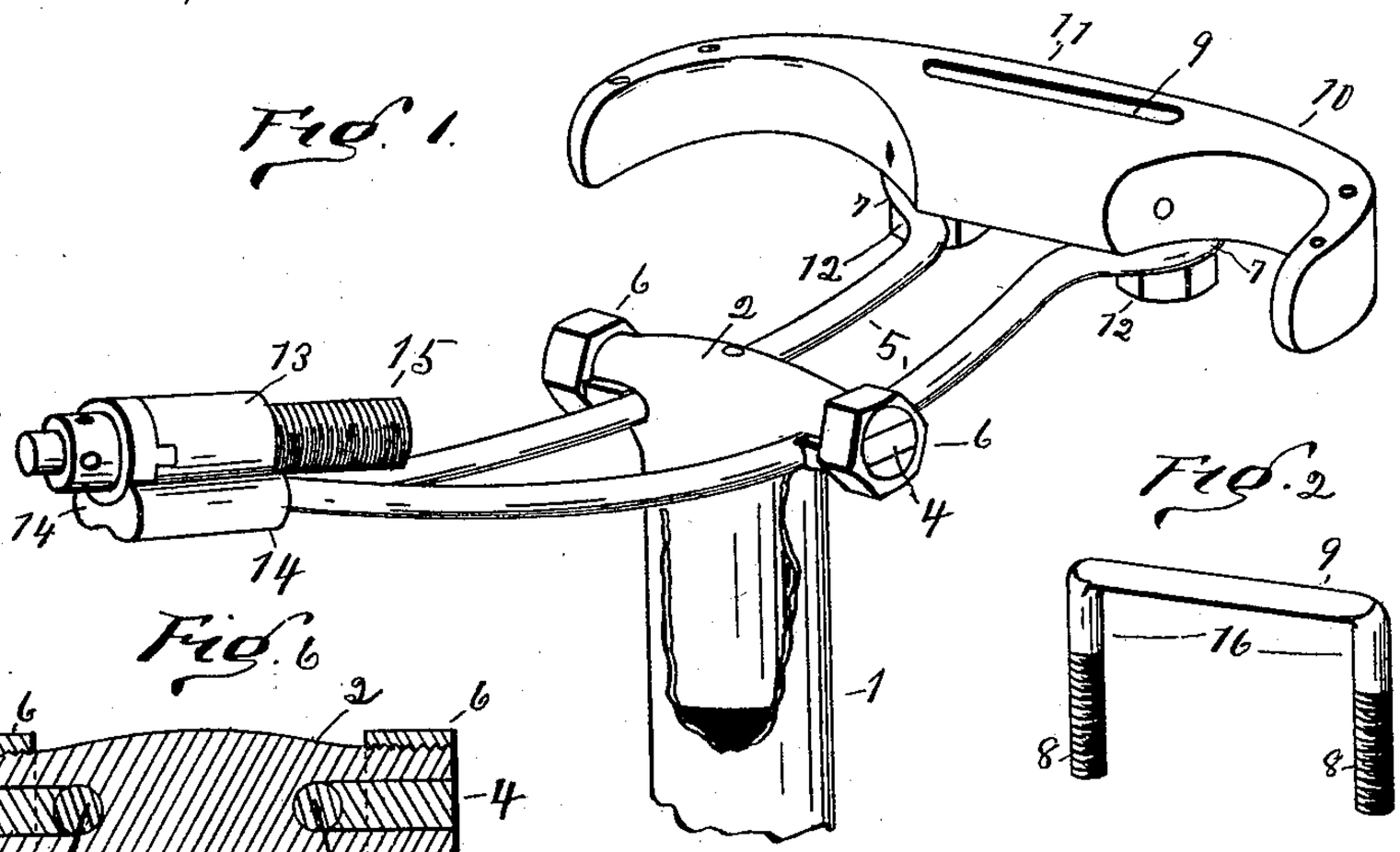


Fig. 2.

Fig. 6.

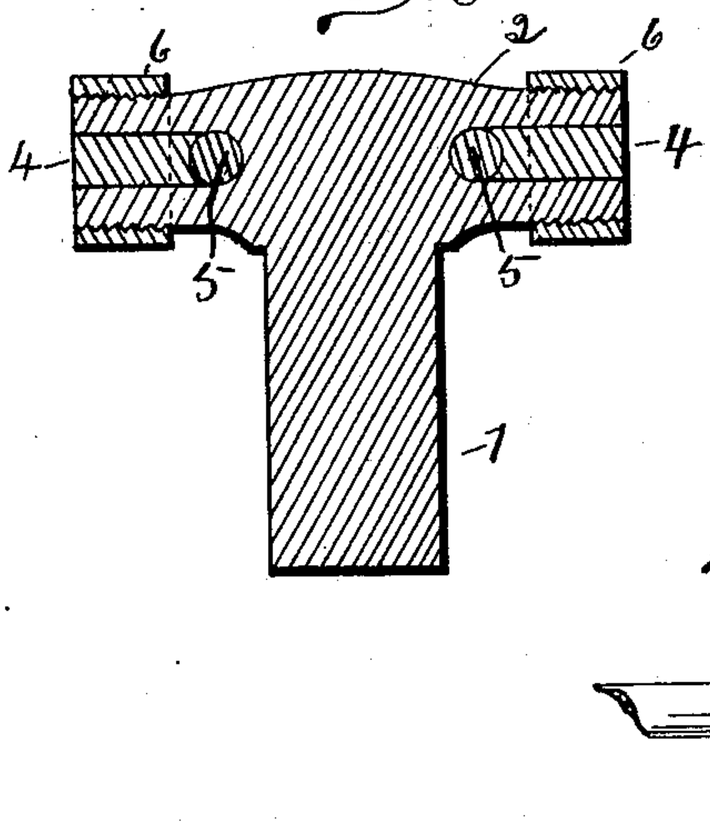


Fig. 3.

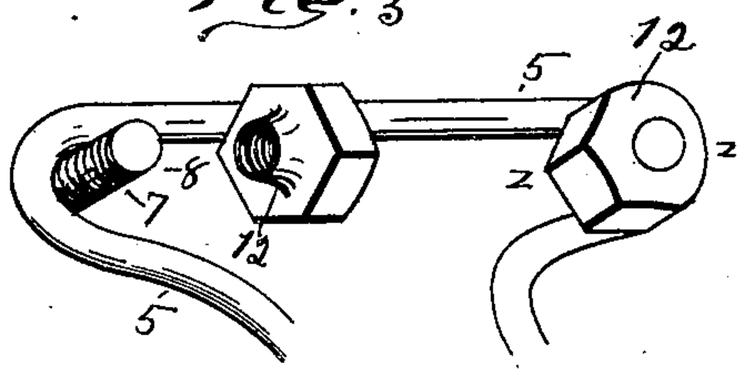


Fig. 4.

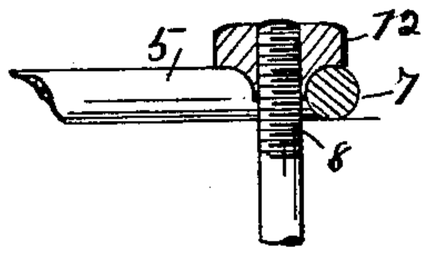
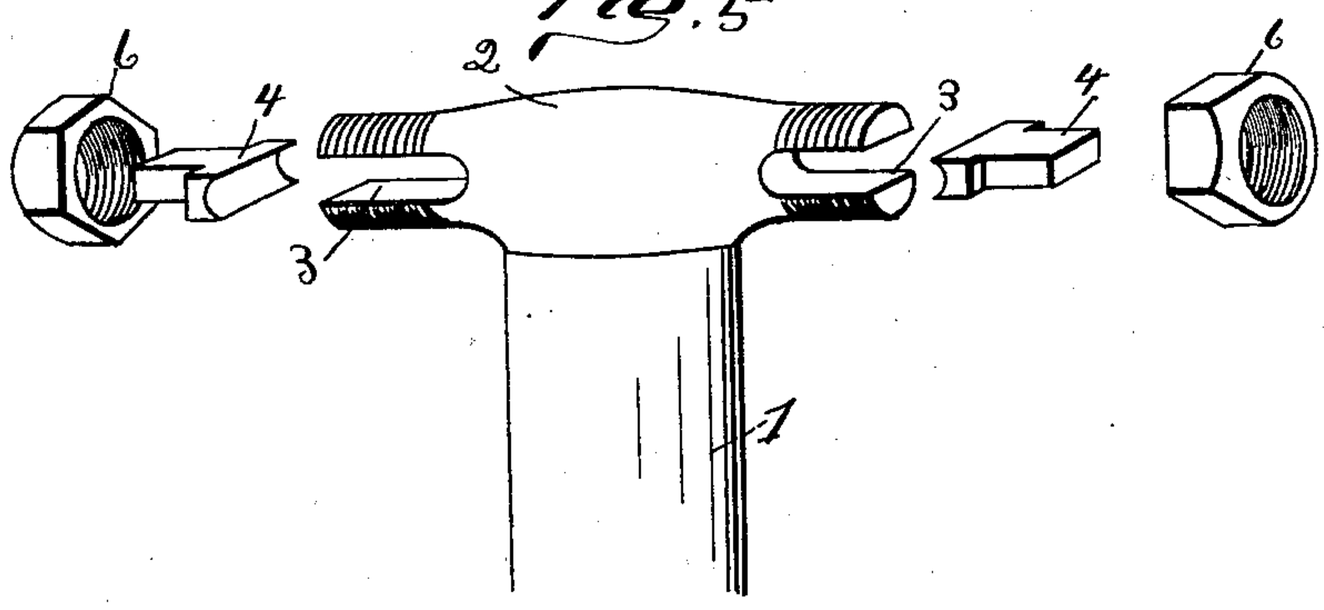


Fig. 5.



WITNESSES

C. J. Brown.

Ufamie Manly

INVENTOR

Benjamin S. Seaman

By W. K. Miller

Attorney

UNITED STATES PATENT OFFICE.

BENJAMIN S. SEAMAN, OF CANTON, OHIO.

BICYCLE-SADDLE FRAME AND HOLDER.

SPECIFICATION forming part of Letters Patent No. 591,573, dated October 12, 1897.

Application filed October 12, 1896. Serial No. 608,567. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN S. SEAMAN, a citizen of the United States, and a resident of Canton, county of Stark, State of Ohio, have invented a new and useful Improvement in Bicycle-Saddle Frames and Holders, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification.

My invention relates to improvements in bicycle-saddle supports; and it consists of certain features of construction, as hereinafter described and claimed.

Figure 1 of the drawings is a view in perspective of a saddle-support, illustrating my invention. Fig. 2 is a similar view of a binding-staple by which the cantle is bound to the spring. Fig. 3 is a similar view of the rear end portion of the spring, the end portions of the staple shown in Fig. 2, and the binding-nut. Fig. 4 is a view partly in perspective and partly in section *z z*, Fig. 3. Fig. 5 is a perspective of the upper end portion of the post and a detail of devices by which the spring is secured to the post, and Fig. 6 is a section longitudinally through the head of the post.

Numeral 1 designates the post, having a T-shaped portion 2, having in the end portions thereof slots 3, in which are placed clamps or plungers 4, that engage the spring 5, that is secured in such engagement by the nuts 6, which bind the T portions firmly upon the clamps or plungers and securely retain the spring in desired adjustment. The spring 5 is of the form shown, having at the rear portion side loops 7 to receive the threaded end portions 8 of the staple 9. In the central top portion of the cantle 10 is provided a longitudinal recess 11, having at its end portions through apertures adapted to receive the threaded portions 8 of the staple 9. The threaded ends of the staple 8 pass through the loops 7 of the spring 5 and are secured therein by the conical nut 12.

At the front end of the spring 5 is provided a block having therein sockets 13 14 14, the latter two to receive the front ends of the spring 5 and the former to receive the seat-leather tension-screw 15. By the use of the staple form of uniting the two bolts 16 and the nut 12, having a conical under portion adapted to the form of the loop 7, the spring is held securely to the cantle-frame.

One of the advantages of the staple and in the construction of this device over the bolt used in other constructions is that in the latter case it frequently happens that the nut works off the bolt and the bolt is therefore liable to be lost. In my device if one of the nuts of the staple should work off the bicycle would not be disabled, but could be used until a new nut be furnished, as there would be no liability of the staple being disengaged from the cantle.

Having thus fully described the nature and object of my invention, what I claim is—

1. In a bicycle-frame, the combination with the saddle-post having a screw-threaded T-shaped portion formed with longitudinal slots, of the saddle-spring located in said slots, the clamps seated in said slots and bearing against the spring, and the securing-nuts, substantially as described.

2. The combination with a bicycle-saddle post, the saddle-spring of the form shown provided with loops at the rear end, and the cantle provided with a transverse recess in its upper side, of the staple having screw-threaded ends passing through holes in the cantle and through the loops of the spring, and the conical nuts engaging with the screw-threaded ends of the staple, substantially as described.

In testimony whereof I have hereunto set my hand this 9th day of October, A. D. 1896.

BENJAMIN S. SEAMAN.

Witnesses:
W. K. MILLER,
MAMIE MANLY.