

(No Model.)

B. S. SEAMAN.

MEANS FOR ATTACHING BICYCLE SADDLES.

No. 568,802.

Patented Oct. 6, 1896.

Fig 1

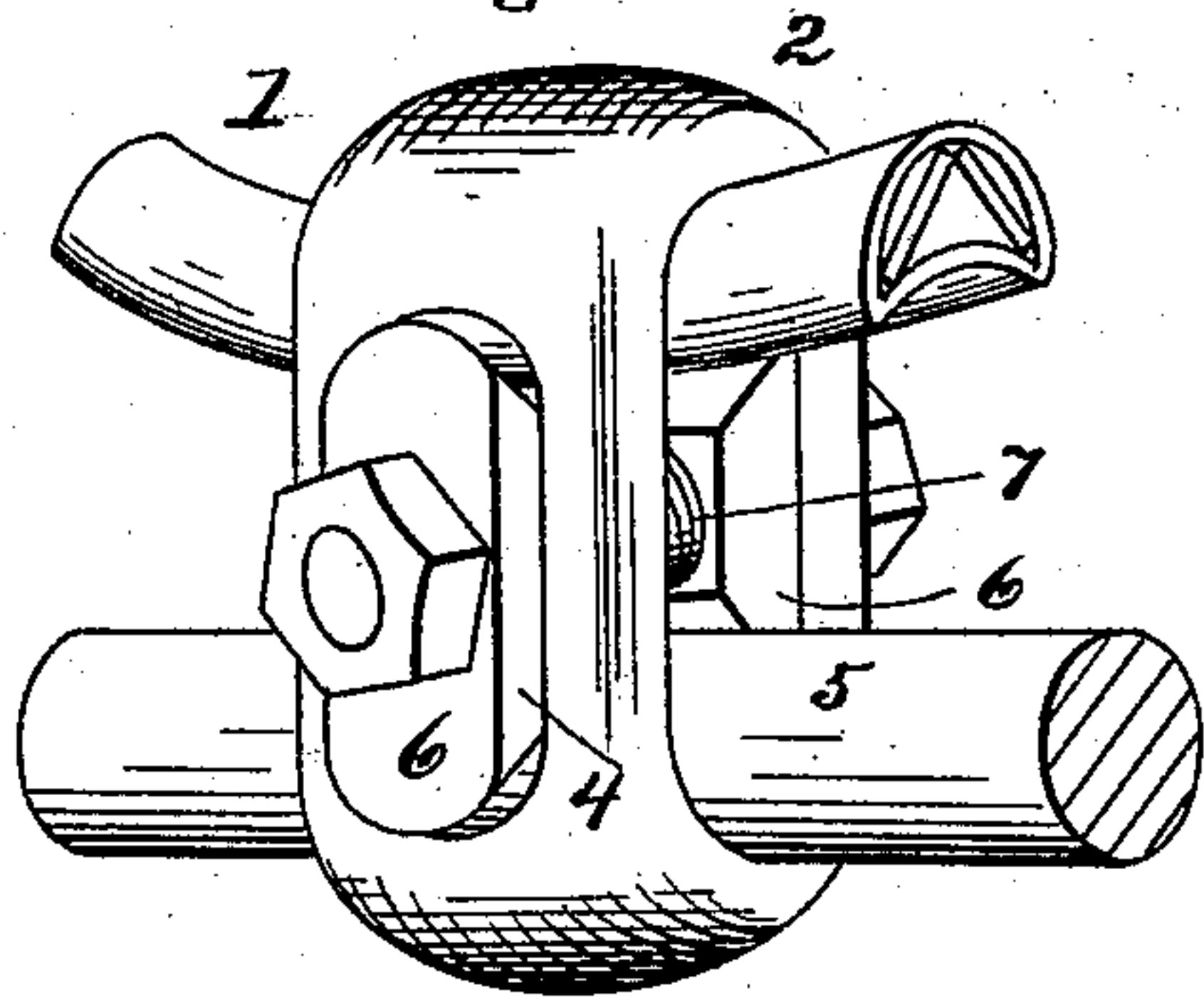


Fig 2

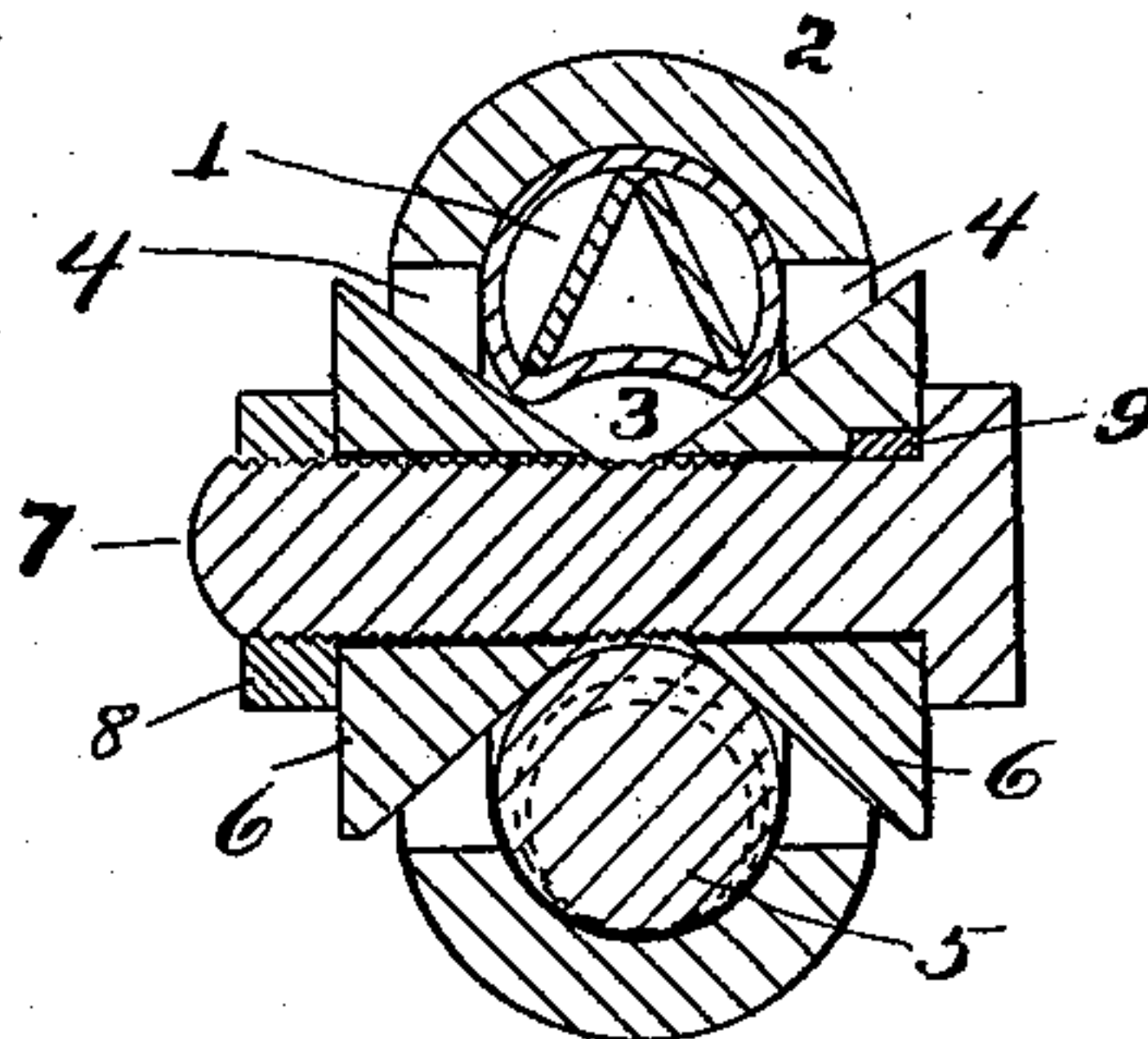
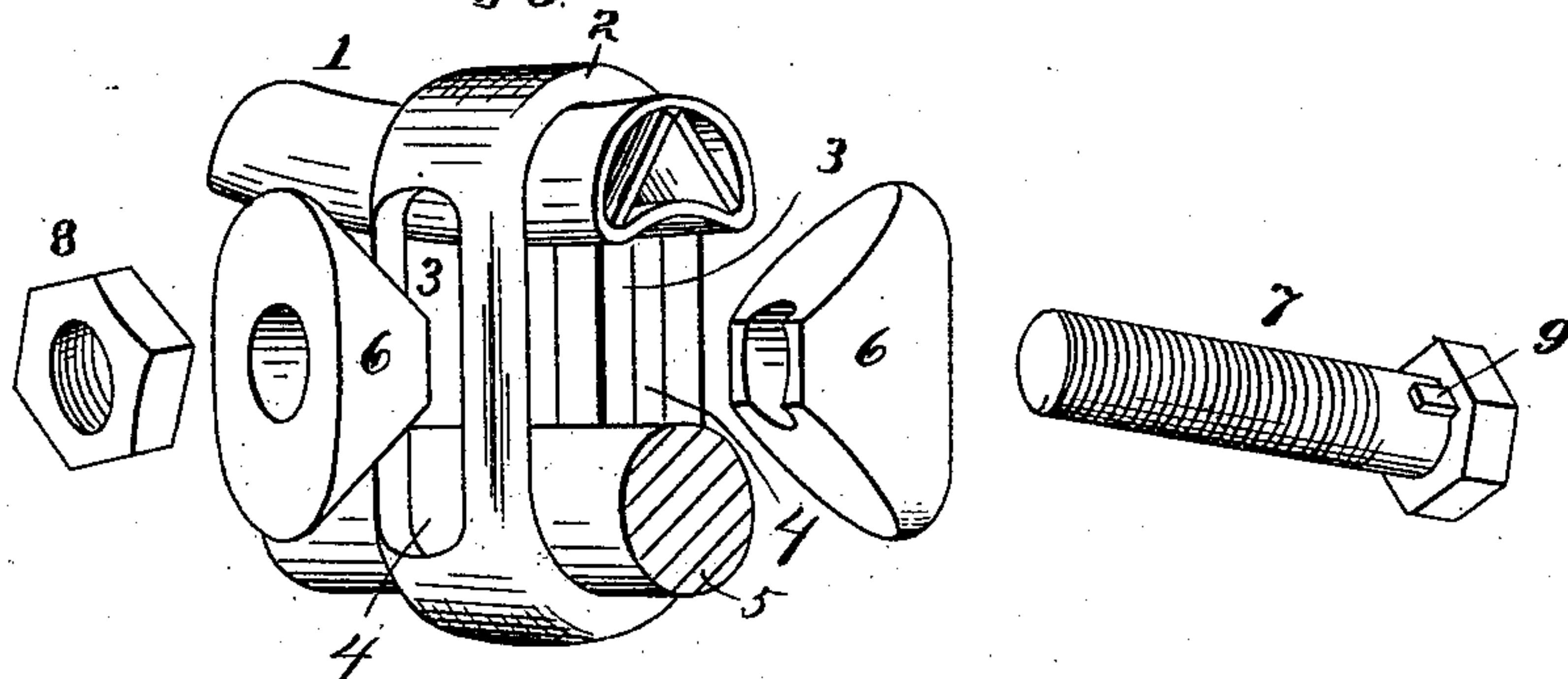


Fig 3



WITNESSES.
(C. J. Cross.)

Ben H. Miller

INVENTOR.

Benjamin S Seaman
By W H Miller
att'y

UNITED STATES PATENT OFFICE.

BENJAMIN S. SEAMAN, OF CANTON, OHIO.

MEANS FOR ATTACHING BICYCLE-SADDLES.

SPECIFICATION forming part of Letters Patent No. 568,802, dated October 6, 1896.

Application filed November 11, 1895. Serial No. 568,563. (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 Means for Attaching a Bicycle-Saddle, 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 means for attaching a bicycle-saddle to a bicycle-frame; and its object is to provide an improved construction of the same whereby the saddle-frame may be secured to varying sizes of frame, and also whereby the saddle may be lowered when desired.

The invention consists, essentially, in the combination, with the frame of a bicycle-saddle, of a slotted shell through which said frame passes, and the frame-post of a bicycle-frame, which also passes through said shell, of beveled or wedge-shaped blocks, engaging in opposite slots in said shell and held in place by a screw-bolt and nut, as hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view showing the slotted shell and the saddle-frame and post-frame passing therethrough and the wedge-shaped blocks in place and connected together by the screw-bolt and nut. Fig. 2 is a central transverse section of the same. Fig. 3 is a detail perspective view showing the shell and saddle and post-frame and the wedge-shaped blocks and screw-bolt and securing-nut detached, ready to be assembled.

In the said drawings, the reference-numeral 1 designates the frame to which the saddle is secured. This frame and saddle may be of any ordinary or suitable construction and forms no part of the present invention. This frame passes through a shell 2, consisting of a four-sided block formed on opposite sides with slots 3 3 and 4 4, which intersect and are at right angles to each other. Also

passing through the slots 3 3, through which the saddle-frame passes, is the frame-post 5, which is of any ordinary construction. Located in the slots 4 4 are two opposite beveled or wedge-shaped blocks 6, formed with central apertures through which passes a screw beveled bolt 7, provided with a retaining-nut 8. This bolt at its head is provided with a spline or feather 9, which engages with a recess on one of the blocks 6 to prevent it from rotating. It will be seen that the two wedge-shaped blocks engage, respectively, with the saddle and post frame, being located therebetween, and that by tightening or loosening the screw they may be adjusted so as to accommodate them to varying sizes of post-frames. It will also be noticed that the seat and its frame may be lowered or brought nearer to the post than is usual in bicycles.

Having thus fully described my invention, what I claim is—

1. The combination with the seat-frame and post, of a bicycle, of the shell-frame with slots at right angles to each other through one of which said seat-frame and post pass, and the wedge-shaped blocks passing through the slots at right angles to said frame, and the screw-bolt and nut for holding said wedge-shaped blocks in place, substantially as described.

2. In a bicycle, the combination with the seat-frame and post, of the shell comprising a four-sided block, formed with slots or apertures at each side intersecting each other, the wedge-shaped adjusting-blocks having central apertures, the headed screw-bolt passing therethrough, the retaining-nut and the spline or feather engaging with a recess in one of said wedge-shaped bolts, substantially as described.

In testimony whereof I have hereunto set my hand this 24th day of October, A. D. 1895.

BENJAMIN S. SEAMAN.

Witnesses:

W. K. MILLER,
BURT A. MILLER.