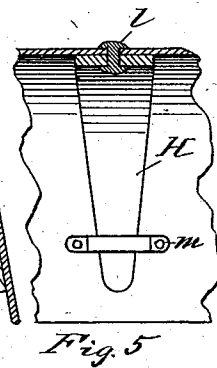
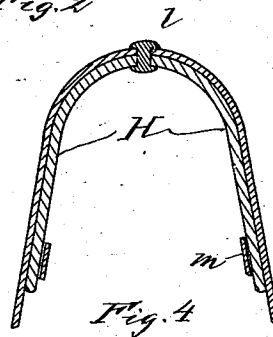
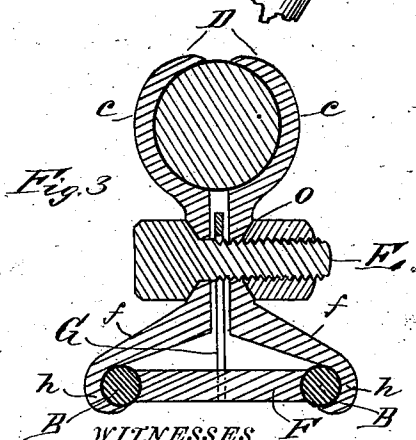
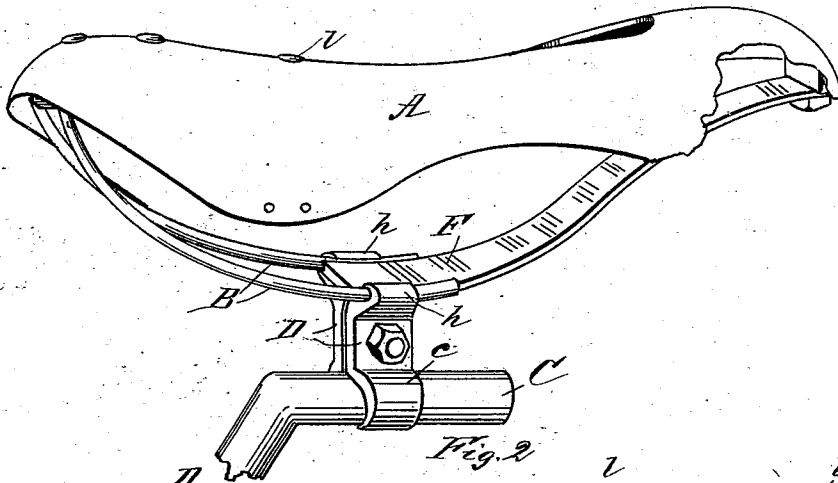
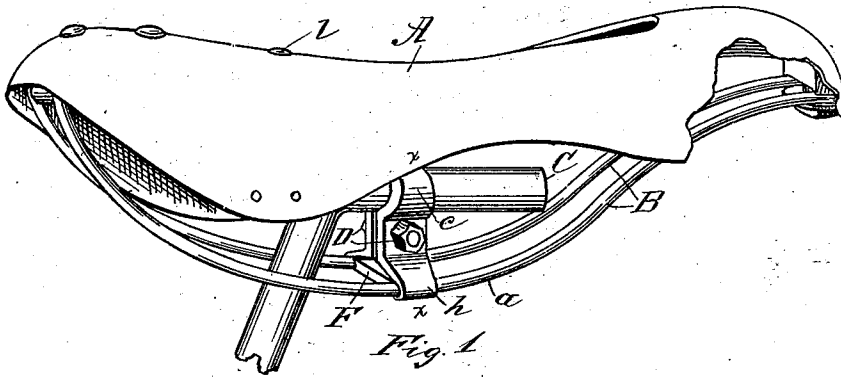


(No Model.)

B. S. SEAMAN.
BICYCLE SADDLE.

No. 549,465.

Patented Nov. 5, 1895.



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BENJAMIN S. SEAMAN, OF CANTON, OHIO, ASSIGNOR TO THE GILLIAM MANUFACTURING COMPANY, OF SAME PLACE.

BICYCLE-SADDLE.

SPECIFICATION forming part of Letters Patent No. 549,465, dated November 5, 1895.

Application filed October 29, 1894. Serial No. 527,230. (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-Saddles, 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-saddles; and it consists in certain features of construction and combination of parts, as will be hereinafter described and claimed.

Figure 1 is a view in perspective of a saddle, illustrating my invention. Fig. 2 is a similar view showing a slight modification. Fig. 3 is a section through from *x* to *x*. Fig. 4 is a section through front part of saddle, showing spring-saddle skirt in position. Fig. 5 is a side view of a fragment of the saddle and spring.

A represents the saddle, B the saddle-spring; and C the support. The spring is formed of a single piece of spring-wire having a curved central portion *a*, and is secured in desired adjustment by the clamp D, formed substantially as shown in Fig. 3. The two parts are substantially duplicates, having at one end a circular portion, as *c*, to grasp the support C, a middle portion perforated to receive the binding-bolt E, and an outwardly-projected portion *f*, having their outer ends turned in to form semicircular sockets *h* to grasp the wire-spring B. A bridge-piece F is provided, having semicircular grooves *k* formed in the ends thereof, as shown, to engage the side of the spring against or opposite the circular sockets *h*. To the bridge-piece F is secured a tie G, that extends upward to receive the bolt E, the object of which is to prevent the loss of the bridge-piece in case of accident.

In Figs. 4 and 5 is shown a U-shaped spring H, secured to the under side of the front end portion of the saddle-seat by a rivet *l*, the lower end secured by clips *m*, that holds the

leather against the spring in such manner as to allow a limited movement on the spring as the skirts of the saddle are moved together or apart. The prime object of the spring is to hold the skirt in desired position and prevent the lower edge turning out in such manner as to rub against the limbs of the rider.

As shown in Fig. 2, the bridge-piece F may, if preferred, be extended out to one side and connected with one end of the seat to form a part of the seat-spring.

To rock or tip the seat about the clasp or holder, the nut is turned back a distance and the spring passed through the clasp circular form of the spring, serving to adjust the seat to a desired inclination when the nut is turned back to secure the parts in desired position.

That the bearing of the clasp on the support C and the spring B may be more perfect I have countersunk the central aperture *o* and adapted the under side of the bolt-head and nut thereto, as is shown in Fig. 3, to allow the parts to adjust themselves.

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

1. The combination with the saddle seat A, spring B and support C, of the clasps D, having semi-circular end portions *c*, to grasp the support, a central perforation *o*, outwardly projected portions *f*, having at their ends inwardly facing semicircular sockets *h*, a bridge piece F, and the binding bolt, substantially as described and for the purpose set forth.

2. The combination with the saddle seat A, spring B, and support C, of the clasps D, bridge F, to bridge the space between, and support the spring B, and one end of the seat, substantially as described and for the purpose set forth.

In testimony whereof I have hereunto set my hand this 10th day of October, A. D. 1894.

BENJAMIN S. SEAMAN.

Witnesses:

W. K. MILLER,
CHAS. R. MILLER.