

(No Model.)

F. WHITNEY.
BICYCLE TOOL BOX AND SEAT.

No. 563,526.

Patented July 7, 1896.

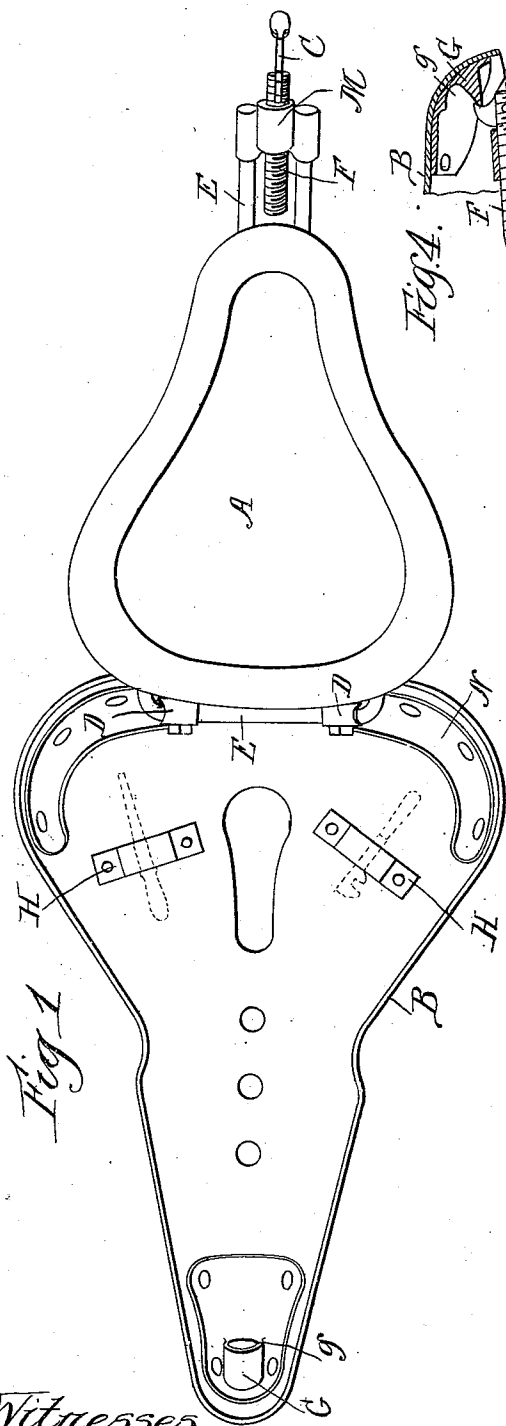


Fig. 1

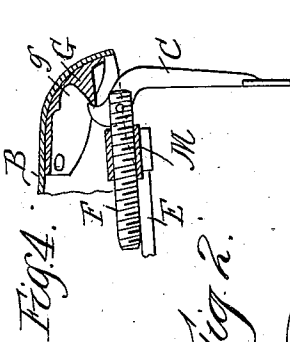


Fig. 4.

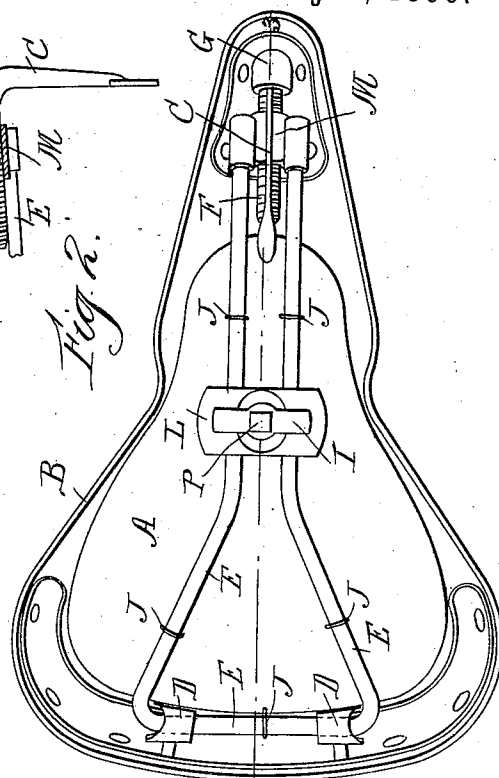


Fig. 2.

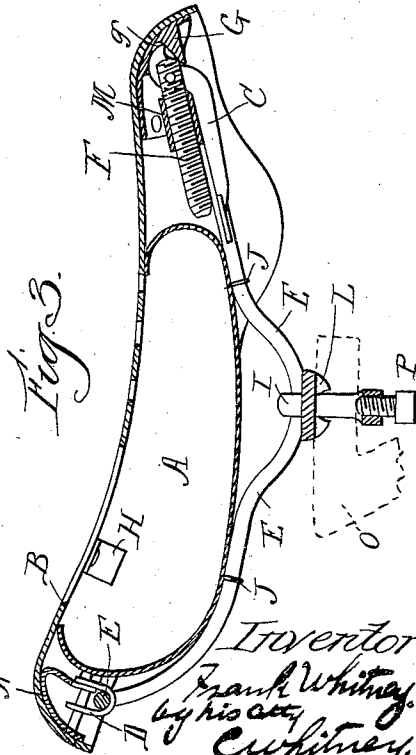


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

FRANK WHITNEY, OF WINNETKA, ILLINOIS.

BICYCLE TOOL-BOX AND SEAT.

SPECIFICATION forming part of Letters Patent No. 563,526, dated July 7, 1896.

Application filed May 23, 1895. Serial No. 550,392. (No model.)

To all whom it may concern:

Be it known that I, FRANK WHITNEY, a citizen of the United States, residing at Winnetka, in the county of Cook and State of Illinois, have invented a new and useful Seat and Tool-Box for Bicycles, of which the following is a specification.

My invention relates to seat and tool-box devices for attaching to bicycles for the convenience in storing and carrying tools and such things as are necessary for the care and management of a bicycle, or as may be desired to be carried by the rider; and the objects of my invention are to provide a case or receptacle and seat, in which the seat forms the cover, and the receptacle thus becoming an attachment to the same, thus producing a cheap, light, and convenient receptacle for tools and the like, and also to provide a hinged seat and convenient means for stretching the same. I attain these objects by mechanism illustrated in the accompanying drawing drawings, in which—

Figure 1 represents a plan view of the under side of seat and top view of the receptacle open. Fig. 2 represents a plan view of the under side of the seat and receptacle closed. Fig. 3 is a cross-section of Fig. 2 at 3 3. Fig. 4 represents a detail of the latching and tension device.

Similar letters refer to similar parts throughout the several views.

My invention consists of a bicycle-seat B, having a receptacle A, for tools and the like, attached thereto, and may be made of any well-known material suitable for the purpose.

I use and prefer leather for the seat-pad and receptacle, and to seat-pad B, I attach a metallic frame N to the rear end, having a hinge D, which forms a pivot for the seat-pad to the spring-support E. To this spring-support is attached my tool box or receptacle A by means of the loops J. My receptacle is formed in shape to correspond with space between the seat-pad B and the spring-support E, the upper side curved inward forming a mouth or opening to the receptacle, the edges of which I hold in position by means of a cord or wire. In the front end of seat-pad B is fastened a metal socket G, and to the front end of the spring-support E, I at-

tach a threaded nut or sleeve M, in which screw-rod F is placed.

Screw F is slotted at the outer end, and in this slot is pivoted a stretching-lever C. Lever C has a hooked extension and backward curve, and in closing the seat-pad B to the receptacle A the lever C is thrown forward and its hooked end is brought in contact with socket G, as shown in detail in Fig. 4.

When lever C is brought back to position, as shown in Fig. 3, the hooked point engages the flange of socket G, and the hooked point and the end of screw-rod F enter socket G, and the lower side of the flange of socket G, by means of the spring-tension, is brought against lever C below the pivot-point, and thus the tension-strain holds it in locked position until lever C is again thrown forward. It will thus be seen that varying degrees of tension may be given to the seat by changing the position of lever C, which may be done by turning rod F into the sleeve M to shorten or to lengthen out the connection between hinge D and hook-lever C.

On the under side of seat-pad B, I attach loops H for convenience of holding any tool or tools as may be desired. My tool-box seat may be attached to a bicycle in any well-known manner. As shown, I use a loop I, with saddle L and set-screw P.

O is the end of the seat-post of the bicycle-frame, to which the seat is attached.

I have shown but one method of making a bicycle-seat with a receptacle for tools and the like as a part of it.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a bicycle-saddle, the combination of a spring-frame provided with means for securing it to a seat-support, a seat-pad hinged at one end to an end of the spring-frame and provided toward its opposite end with a socket-piece, a tool-bag supported in the spring-frame under the said pad, a longitudinally-adjustable rod on the spring-frame, and a tensioning-lever pivoted to said rod and adapted to engage the said socket-piece, whereby when the seat-pad is raised on its hinge, access may be had to the tool-bag, and when the pad is lowered it closes the tool-bag and is tensioned by the engagement of

the lever with the socket-piece and the swinging of the lever on its pivot, substantially as described.

2. In a bicycle-saddle, the combination of a
5 spring-frame provided with means for securing it to a seat-support, a seat-pad hinged at one end to an end of the spring-frame and provided toward its opposite end with a socket-piece, a tool-bag supported in the spring-frame
10 under said pad, a nut on the spring-frame, a longitudinally-adjustable screw-rod in the said nut, and a tensioning-lever pivoted to said rod and adapted to engage the said socket-piece, whereby when the seat-pad is raised on
15 its hinge, access may be had to the tool-bag,

and when the pad is lowered it closes the tool-bag and is tensioned by the engagement of the lever with the socket-piece and the swinging of the lever on its pivot, substantially as set forth.

3. In a bicycle-saddle, the combination with the spring-frame and seat-pad, of the longitudinally-adjustable screw-rod F, the lever C, the nut M, and socket G for adjusting the tension of the seat-pad and locking the seat-pad
25 to the frame, substantially as described.

FRANK WHITNEY.

Witnesses:

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