No. 609,076. Patented Aug. 16, 1898.

L. BONET.

VELOCIPEDE SADDLE SUPPORT.

(Application filed May 27, 1897.)

(No Model.)

Fig. 1.

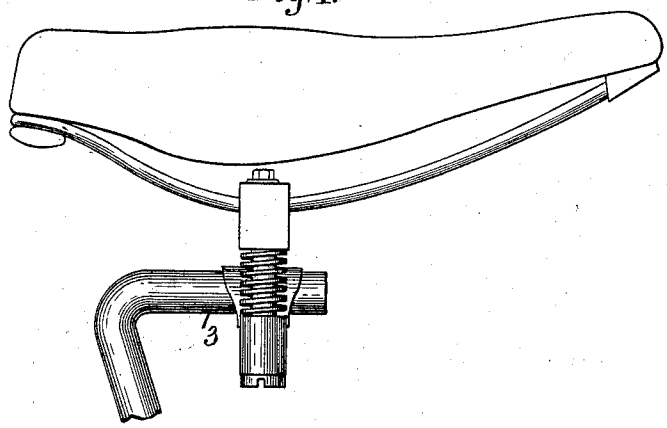


Fig. 2.

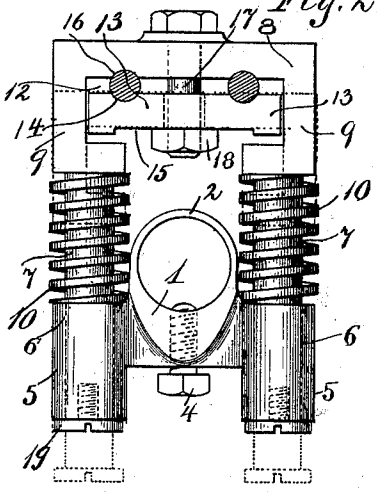
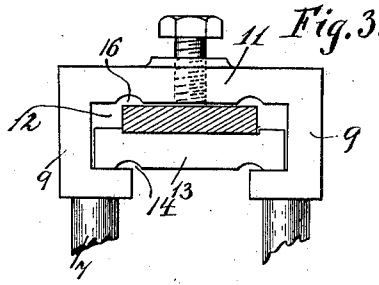


Fig. 3.



Witnesses:
A. Reinke,
Erwin J. Lotz

Inventor
Leopold Bonet
by Rudolph Ivan Lotz
Atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LEOPOLD BONET, OF CHICAGO, ILLINOIS.

VELOCIPEDE-SADDLE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 609,076, dated August 16, 1898.

Application filed May 27, 1897. Serial No. 638,325. (No model.)

To all whom it may concern:

Be it known that I, LEOPOLD BONET, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Velocipede-Saddle Supports; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a novel construction in a velocipede-saddle support, the object being to provide a device of this description which can be secured to the seat-support of a velocipede and in which the spring of such saddle is adapted to be clamped; and it consists in the features of construction and combinations of parts hereinafter fully described and claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a side elevation of the seat-post of a velocipede and a saddle-support constructed in accordance with my invention mounted thereon, which carries a saddle. Fig. 2 is an end elevation of my saddle-support, showing the saddle-spring in section. Fig. 3 is a similar fragmentary view showing another form of saddle-spring in section.

My device consists of a guide-bracket 1, having a horizontal passage or sleeve 2, adapted to receive the seat-post 3 of a velocipede, to which it is secured by means of a set-screw 4, passing upwardly through said bracket and impinging against said seat-post 3. On each side of said sleeve 2 and below the same said bracket is provided with outwardly and downwardly extending portions 5, provided with vertical openings 6, adapted to form guide-bearings for the shanks 7 of a bridge-piece 8, which pass through the same. Said shanks 7 are secured to the lower ends of downwardly-extending portions 9 of said bridge-piece 8, which form shoulders between which and the upper ends of said portions 5 of said bracket springs 10 are interposed, which are adapted to hold said bridge-piece 8 normally at the upper limit of its movement. Below the cross-web 11 and between the downwardly-extending portions 9 of said bridge-piece 8 a space 12 is formed, which extends into said portions 9 and in which a plate 13 is adapted to fit, which is adapted to engage the lower face of the saddle-spring; and to this end plate 13 is provided with parallel grooves 14 in one of its faces, in which wire saddle-springs are adapted to fit, and in its opposite face is provided with a rectangular recess 15, adapted to receive a flat saddle-spring. Said cross-web 11 of said bridge-piece 8 is provided in its lower face with parallel grooves 16, which register with said grooves 14 in said plate 13. Said plate 13 is provided with an opening through which the lower end of a set-screw or bolt 17 is adapted to pass, the upper end of which passes through a screw-threaded opening in said cross-web 11 of said bridge-piece and which is adapted to receive a nut 18, by means of which said plate 13 is drawn toward said cross-web 11 to clamp wire saddle-springs between the same, as shown in Fig. 2.

When it is desired to secure a flat saddle-spring in said support, said plate 13 is turned around so that said saddle-spring lies in the recess 15, in which it is clamped by means of the set-screw 17, which bears upon the upper face of said spring and clamps the same upon said plate 13 and the latter upon the shoulders formed by the extension of said recess into the downwardly-extending portions 9 of said bridge-piece. Mounted in the lower ends of said shanks are set-screws 19, the heads of which project annularly from said shanks and form collars which engage the lower faces of said portions 5 of said bracket 1 to limit the upward movement of the bridge-piece.

By means of my construction of the bracket 1 my device is made small and compact, so as to take up little room, while at the same time the sleeve 2 forms a stop which limits the downward movement of the bridge-piece and prevents the springs from being compressed to an injurious extent should the velocipede be subjected to an unusual shock.

By means of my construction of the plate 13 my device can be adapted to any saddle now on the market.

I claim as my invention—

In a velocipede-saddle support, the combination with a bridge-piece provided with a recess and with grooves within said recessed

portion adapted to receive a wire saddle-spring, of a reversible plate movably mounted within said recess and provided on one face with grooves adapted to register with said grooves in said bridge-piece to receive a wire saddle-spring, and in its other face with a rectangular recess adapted to receive a flat saddle-spring, and means for clamping a saddle-spring between said plate and said bridge-piece, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

LEOPOLD BONET.

Witnesses:

J. A. SCHINCKER,

RUDOLPH WM. LOTZ.