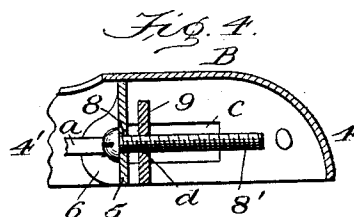
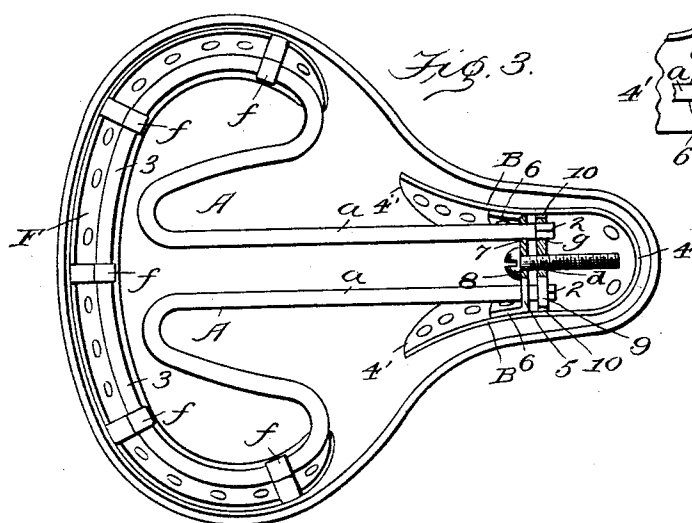
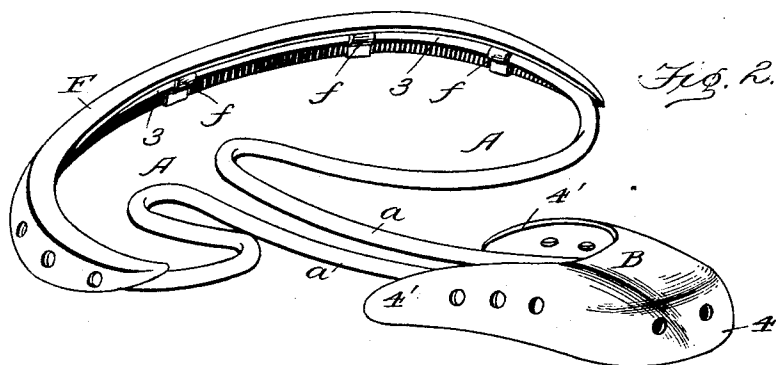
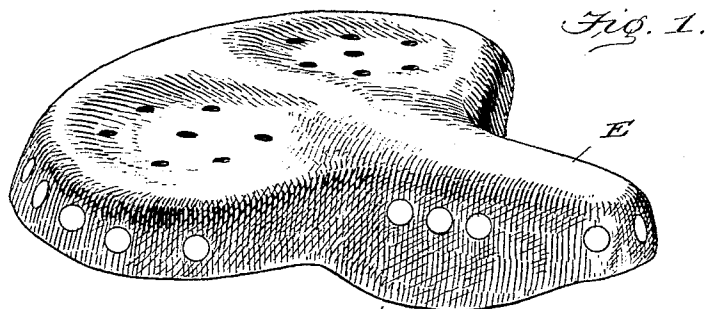


(No Model.)

W. G. SCHNEE.
BICYCLE SADDLE.

No. 586,246.

Patented July 13, 1897.



WITNESSES:
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UNITED STATES PATENT OFFICE.

WILLIAM G. SCHNEE, OF PUEBLO, COLORADO.

BICYCLE-SADDLE.

SPECIFICATION forming part of Letters Patent No. 586,246, dated July 13, 1897.

Application filed August 6, 1896. Serial No. 601,917. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. SCHNEE, of Pueblo, in the county of Pueblo and State of Colorado, have invented an Improved Bicycle-Saddle, of which the following is a specification.

The present invention relates to bicycle-seats, and has for its object the provision of a seat which will possess advantages in point of simplicity, inexpensiveness, durability, and general healthfulness.

An important object in the construction of the said invention is to prevent the person from resting, when riding a bicycle provided with my improved seat, on the prostate glands, which is pronounced very injurious by physicians. This is overcome in the construction of my seat. In the ordinary bicycle-saddle the framework merely supports across the back of the saddle and the springs extend direct from the neck of the saddle to the rear. Therefore when you sit in the saddle it bags in the center and the person riding slides forward and rests on the prostate glands; but by having, as in the present invention, a continuous spring, as will hereinafter be described, a person is enabled to have the main support of the saddle crosswise instead of from the front to the back of the saddle, which prevents the bagging of the saddle and letting the person sit on the neck of the saddle, also allowing him to rest on the pelvis bones instead of having the saddle pressing against the prostate glands.

With these objects in view the invention consists of the details of construction and arrangement which will more fully appear hereinafter.

In the accompanying drawings, which form a part of this application, Figure 1 is a general view of my seat. Fig. 2 is a perspective view with the outer covering removed. Fig. 3 is a bottom plan view. Fig. 4 is a detail of the tension and adjustment mechanism.

Like numerals and letters of reference indicate corresponding parts in the several views.

Referring to the drawings, in the embodiment of my invention I employ a continuous spring A, which is so constructed as to form parallel members *a*, which project forwardly and have their ends 2 rectangular shaped,

for a purpose which will be stated hereinafter. The said spring is so curved as to form at the rear a support 3 for supporting the rear of the saddle.

For supporting the forward portion of the saddle is a support B, the forward end thereof being substantially hemispherical in shape, having the flaring ends 4' projecting rearwardly. A brace 5 conforms with the interior curvature of the support B, the said brace having ends 6, which are riveted to the sides of the said brace B.

Holes 7 are situated in the said brace, so as to allow the ends of the parallel members *a* to pass through. The said brace is also centrally apertured at 8. A segment piece of metal 9 is situated inside of the said support B, and has projections 10 sliding in the slots *c*, said slots being situated in the sides of the support B. A threaded aperture *d* is centrally located in the said segment-shaped piece of metal 9.

A threaded bolt or screw 8' is inserted in the aperture 8, which is situated in the brace 5, and works in the threaded hole *d*. It will be readily seen that by this arrangement the tension can be adjusted so as to keep the leather taut, and thus prevent the saddle from bagging.

The covering E may be of any material, but preferably of leather, the forward end of which is riveted to the support B by suitable rivets and at the rear end to the curved metal brace F, the said brace being so shaped as to conform to the shape of the rear section 3 of the said continuous spring. Catches or lugs *f* project downwardly from the said curved brace and are formed integrally therewith. The said lugs act to keep the rear portion 3 of the said continuous spring in position. Square holes *g* are situated in the segmental-shaped pieces of metal 9 and in which are inserted the rectangular ends 2 of the parallel members *a* of the said continuous spring, the purpose of the square holes being to prevent the turning of the ends of the said parallel members.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In the herein-described bicycle-saddle, the combination of a continuous spring so con-

5 constructed as to have parallel forward members,
the ends of said members being rectangular
in shape, a forward support B, a brace situ-
ated in the inside of said support, holes situ-
10 ated in the said brace for the insertion of the
parallel members, slots situated in the said
support B, a second segmental-shaped brace
situated inside of said support B, square holes
15 in said piece of metal, in which are inserted
the said rectangular ends of the said parallel
members, projections on each side of the said
brace, the said projections working in the
said slots, a threaded bolt or screw working
through holes situated in the said metal
pieces, substantially as set forth and de-
scribed.

2. In the herein-described bicycle-seat, the
combination of the continuous spring termi-
nating in parallel members, a forward sup-

port B, a brace riveted in the said support, 20
the forward members passing through the said
brace, slots situated in the sides of the said
support B, a second brace or plate also situ-
ated in the said support B, lugs on the inner 25
end thereof and working in the said slots, the
ends of the said parallel members keyed to
the second brace or plate, a threaded bolt for
adjusting the said braces, a curved brace hav-
ing catches fitting around the rear support 3
and holding the rear support into position, 30
the said catches being integral with the said
support 3, substantially as set forth.

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

WILLIAM G. SCHNEE.

Witnesses:

A. V. BRADFORD,
M. A. RHODES.