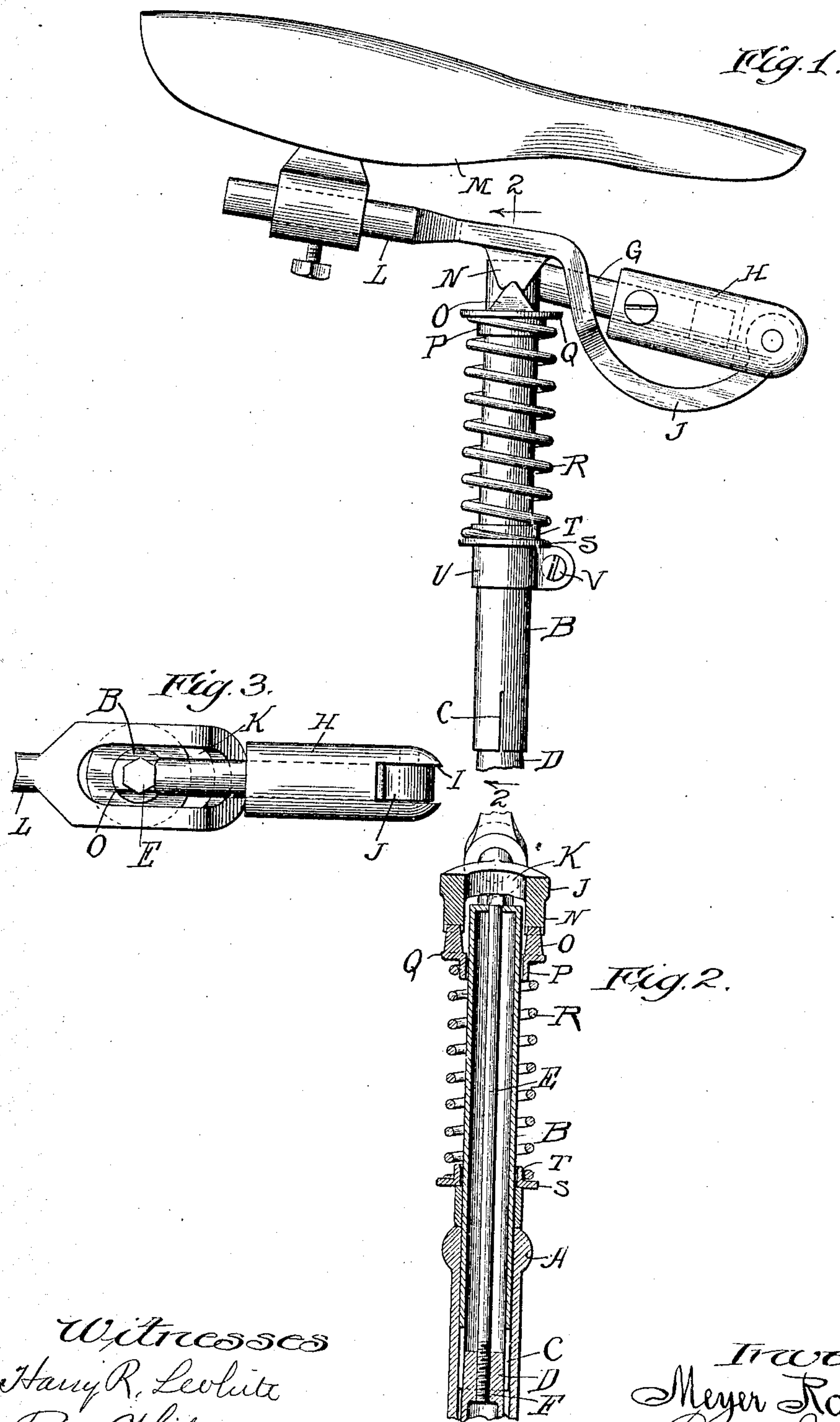


No. 870,645.

PATENTED NOV. 12, 1907.

M. ROSEN.
VELOCIPED SEAT POST.
APPLICATION FILED MAR. 18, 1907.



Witnesses
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UNITED STATES PATENT OFFICE.

MEYER ROSEN, OF BLOOMINGTON, ILLINOIS.

VELOCIPEDE SEAT-POST.

No. 870,645.

Specification of Letters Patent.

Patented Nov. 12, 1907.

Application filed March 18, 1907. Serial No. 362,963.

To all whom it may concern:

Be it known that I, MEYER ROSEN, a citizen of the United States, residing at Bloomington, in the county of McLean and State of Illinois, have invented certain new and useful Improvements in Velocipede Seat-Posts; 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.

10 This invention relates to a novel construction in a cushioned seat support for velocipedes, the object being to provide a device of this character by means of which the seat is so elastically supported as to prevent jarring the occupant in passing over rough
15 roads or obstructions in road ways and 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 a seat support
20 constructed in accordance with my invention. Fig. 2 is a vertical section of the same on the line 2—2 of Fig. 1. Fig. 3 is a fragmentary detail top plan view the seat being removed.

The seat post is constructed in the usual manner,
25 the tubular member A of the frame receiving the tube B which latter is split at C at its lower end and receiving a tapered block D which is forced into the same to expand such tube B by means of the bolt E passing centrally through the said tube and at its
30 threaded end entering the threaded central opening F of said tapered block D. Secured to said post or tube B at its upper end is the inclined arm G to which is secured a sleeve H bifurcated at its free end as at I and in the bifurcated portion of which one end of the
35 lever J is pivotally secured in a well-known manner.

The said arm J is provided between its ends with a slot K through which the upper end portion of the seat post is adapted to pass as said arm is depressed, the latter being provided at its free end with a cylindrical shank L to which the seat M is secured in any
40 suitable manner. The said arm J is curved adjacent its pivotal connection with the sleeve H passing below the latter and being then deflected upwardly so that at its middle portion it is normally supported above
45 the upper end of said tube B and said arm G thereof. The said slot K extends partially into the curved portion to receive said arm G. Between its ends said lever J is provided with projections N recessed at their free ends and which are adapted to receive the

50 inverted V-shaped lugs O of a collar P disposed on said tube B and vertically movable on the latter. The said collar P is provided with a circumferential flange Q against which the upper end of a spiral spring R surrounding said tube B is adapted to bear
55 the latter at its lower end resting upon the flange S

of a similar collar T, the latter resting upon a split collar U secured to said tube B immediately above the upper end of the post A, said collar being clamped by means of a set screw V in the usual manner. The said spring R is normally maintained under partial
60 compression and holds said lever at the upper limit of its movement. Upon receiving a load the said seat M will be depressed against the action of said spring R in an obvious manner and upon releasing the load said lever J will move into engagement with the arm
65 G which forms a stop therefor. The said collar P is sufficiently loose on said tube B to enable it to be cantcd slightly as the direction of pressure thereon is varied by the position of said arm J and said post constructed as above described is exceedingly com-
70 fortable and is very simple in construction and easily applied.

I claim as my invention:

1. In a velocipede, a seat post having a collar disposed on its lower end, a spiral spring supported thereon, a
75 collar supported by said spring and movable on said seat post, a bifurcated arm on the upper end of said seat post, a lever pivotally secured in the free end of said arm, said lever being provided between its ends with a longitudinal slot adapted to receive said seat-post, and a
80 seat mounted upon the free end portion of said lever, the latter being supported by said spring.

2. In a velocipede, a seat post having a collar disposed on its lower end, a spiral spring supported thereon, a
85 collar supported by said spring and movable on said seat post, inverted V-shaped lugs disposed on the upper face of said collar, a bifurcated arm on the upper end of said seat post, a lever pivotally secured in the free end of said arm, said lever being provided between its ends with a longitudinal slot adapted to receive said seat-post, and a
90 seat mounted upon the free end portion of said lever, and depending projections, on said lever disposed on each side of said slot and provided at their free ends with V-shaped recesses adapted to receive the free ends of said
95 lugs on said last-named collar.

3. In a velocipede, a seat post having a collar disposed on its lower end, a spiral spring supported thereon, a
100 collar supported by said spring and movable on said seat post, inverted V-shaped lugs disposed on the upper face of said collar, a bifurcated arm on the upper end of said seat post, a lever pivotally secured in the free end of said arm, said lever being provided between its ends with a longitudinal slot adapted to receive said seat-post, and a
105 seat mounted upon the free end portion of said lever, and depending projections, on said lever disposed on each side of said slot and provided at their free ends with V-shaped recesses adapted to receive the free ends of said lugs on said last-named collar, said pivoted end portion of said lever being curved and extending below said arm of said
110 seat post, and said slot extending into said curved portion thereof.

In testimony whereof, I have signed my name in presence of two subscribing witnesses.

MEYER ROSEN.

Witnesses:

JAMES DOWNEY,
WM. RYAN.