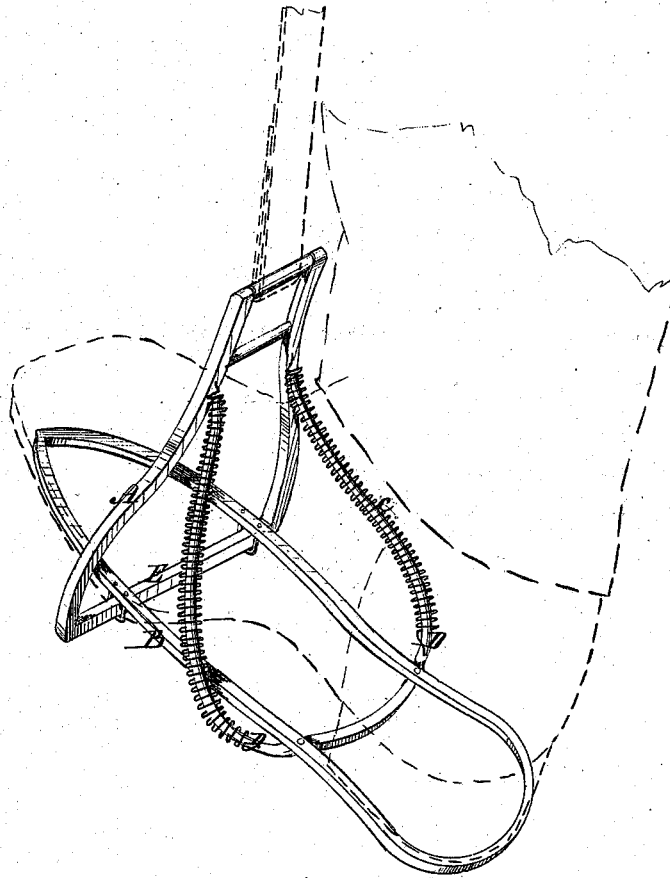


L. S. Taylor,

Stirrup.

No. 112652.

Patented Mar. 14, 1871.



Witnesses:

C. Haettig.
Wm H. C. Smith.

Inventor:

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PER

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United States Patent Office.

LEONARD S. TAYLOR, OF SIGEL, MISSOURI.

Letters Patent No. 112,652, dated March 14, 1871.

IMPROVEMENT IN STIRRUPS FOR RIDING-SADDLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, LEONARD S. TAYLOR, of Sigel, in the county of Pettis and State of Missouri, have invented a new and useful Improvement in Stirrups; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in stirrups for saddles; and

It consists in the application of springs to the foot-piece, which is jointed to the yoke so as to oscillate, for assisting in raising the heel as the foot vibrates on the cross-bar of the yoke.

The drawing is a perspective view of a stirrup having my improvements applied.

- A is the stirrup;
- B, the foot-piece;
- C, the springs; and
- D, bent rods for controlling the springs.

The foot-piece is connected to the rod E of the stirrup so as to oscillate on it, and the springs are

connected to the said foot-piece or the rods D, which are connected to it near the heel and to the stirrups near the top, so as to have a constant tendency to raise the heel.

They therefore act against the downward movement of the heels of the rider, and assist to raise them when moving upward.

The rods D are extended near to the points on A, where the springs are connected, and the springs are coiled around them to keep them in place.

The movements requisite for the feet and legs in riding are thereby made more easy.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combination, with the stirrup A, of the pivoted foot-piece B, springs C, and rods D, all substantially as specified.

LEONARD S. TAYLOR.

Witnesses:

THOMAS B. ROSS,

THOMAS W. DICKERSON.