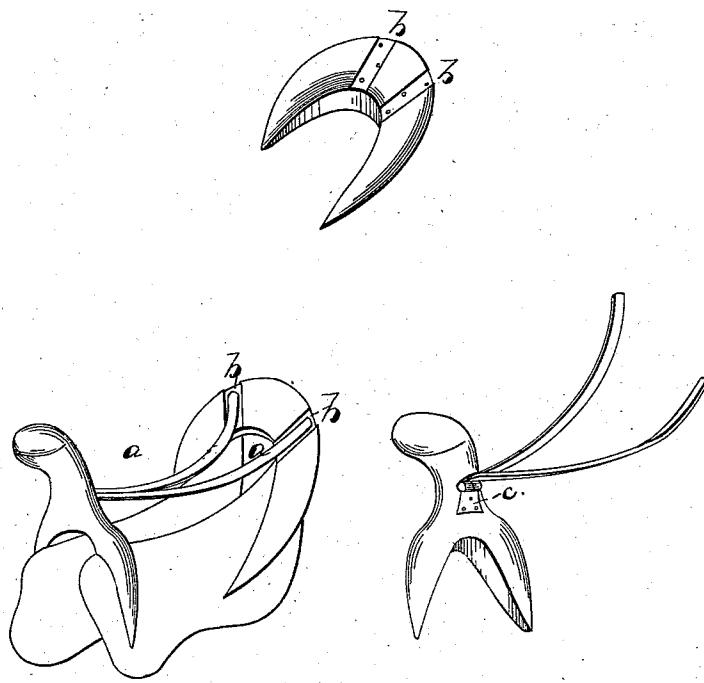


J. F. Lehr,  
Riding Saddle.  
N<sup>o</sup> 4,100. Patented July 5, 1845.



# UNITED STATES PATENT OFFICE.

JOHN F. LEHR, OF HUNTSVILLE, ALABAMA.

## SADDLE.

Specification of Letters Patent No. 4,100, dated July 5, 1845.

*To all whom it may concern:*

Be it known that I, JOHN F. LEHR, of the town of Huntsville, in the county of Madison and State of Alabama, have invented 5 a new and Improved Method of Making Steel Springs for Saddles; and I do hereby declare that the following is a clear, full, and exact description of the construction and operation of the same, reference being 10 had to the annexed drawings, being part of this specification.

The nature of my invention consists in two steel springs which pass from the pommel to the caudal or hinder portion of the saddle as shown by letters *a*, *a*, Figures 1, 15 2, drawing No. 1, also by letters *a*, *a*, Figs. 1, 2, drawing No. 2, one extreme of said springs being fastened to the pommel of the saddle by a small hinge as shown by letters *c*, *c*, Figs. 2, 2, drawings Nos. 1 and 2, 20 and the other moving in two copper, brass or other suitable metallic slides or upon copper, brass or other suitable metallic roll-

ers as shown by letters *b*, *b*, Figs. 1, 3, drawing No. 1, and by letters *b*, *b*, Figs. 1, 3, 25 drawing No. 2, and which give to the rider of such a constructed steel spring saddle an alternate elevating and depressing motion, which upon experiment proves to be the most pleasant and easy motion that can be 30 given by any steel spring saddle however constructed and superior to anything of the like kind hitherto known.

What I claim as my invention and desire 35 to secure by Letters Patent, is—

The mode of forming the spring seat of the saddle by means of the springs hinged to the pommel and the free ends of said springs moving or sliding in copper, brass or other metallic grooves or upon rollers of 40 copper, brass or other suitable metal as set forth.

J. F. LEHR.

Witnesses:

I. J. CLARKE,  
ROBERT EDWARDS.