

UNITED STATES PATENT OFFICE.

CHARLES H. HARRIS, OF CEDARTOWN, GEORGIA.

IMPROVEMENT IN RIDING-SADDLES.

Specification forming part of Letters Patent No. 161,785, dated April 6, 1875; application filed February 13, 1875.

To all whom it may concern:

Be it known that I, CHARLES H. HARRIS, of Cedartown, in the county of Polk and State of Georgia, have invented certain Improvements in Spring-Saddles; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a perspective view of a saddle having my improvements. Fig. 2 is a vertical section of the same.

The object of my invention is to provide a saddle, which will have an easy and comfortable seat; and it consists in certain details for attaching the forward portion of the leather forming the saddle-seat to a spring forming the pommel.

In order that those skilled in the art may make and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A is a saddle-tree; B, the bow; C, the pommel, and D D the seat. Properly bolted to the top of the bow, and curving from front to rear, is a curved spring, C, of a U shape and ending at T. Over this curved spring is a stout leather covering terminating in a loop, T, so as to give a direct downward pressure on the spring C, and which holds a curved metallic bar, *e*. The seat made in two pieces is doubled over the bar, as shown, and carried back and fastened to the rear piece F by any suitable means. A curved

rod, *d*, has its ends fastened to the inner side of the pommel, and its center passes over the loop T, as seen in Fig. 2. This rod *d* prevents the seat-cover straightening when the rider is seated, and keeps the strain a downward one upon the spring C. Where the loop bears against the rod *d* there is an anti-friction loose sleeve, *o*, to avoid wear. I prefer to quilt the seat-cover to prevent it from stretching. The cover having only two points of support, and one of them flexible, an easy and yielding seat is provided for the rider.

I am aware that saddles have been made with springs passing from the front through slots in the saddle-bow, but this is not my invention, as my object is to form a spring-pommel as well as a spring-seat to the saddle, which I accomplish by my arrangement of the spring.

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

In a riding saddle the spring C, rising from the top of the bow B and terminating at P, and having a leather covering, C', ending in a loop, T, passing under the rod *d* and inclosing the curved rod *e*, to which is attached the seat D, all constructed as and for the purpose described.

CHARLES HOOKS HARRIS.

Witnesses:

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