

C. H. HARRIS.  
Spring Saddle.

No. 163,769.

Patented May 25, 1875.

FIG. I.

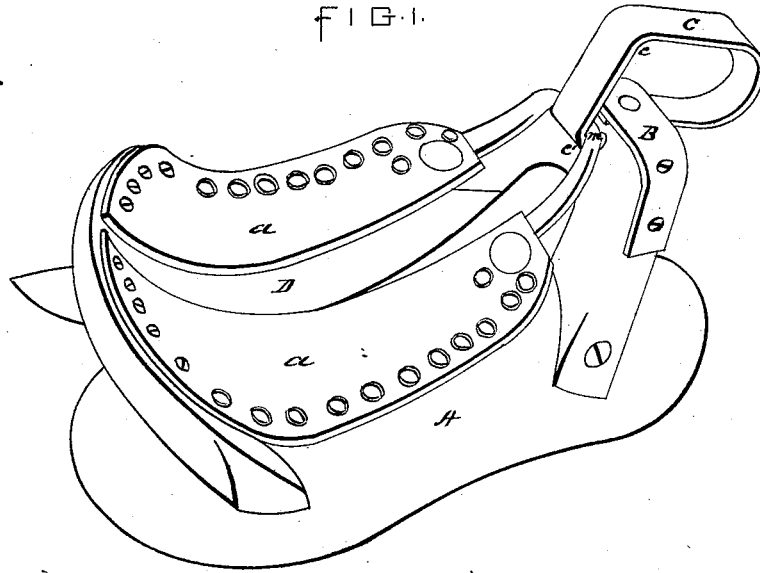
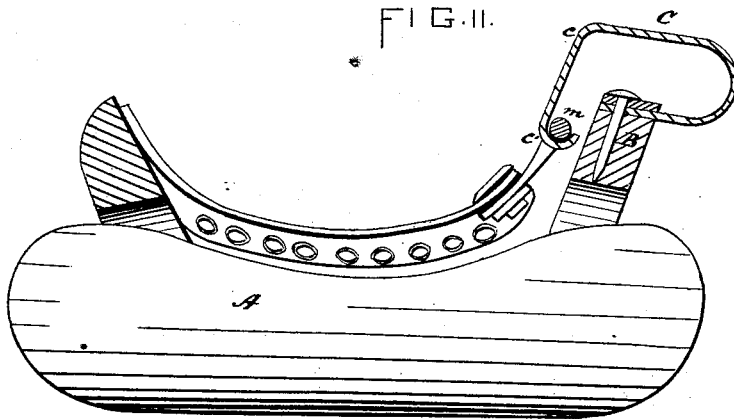


FIG. II.



WITNESSES.

*F. B. Townsend.*  
*James Stevenson*

INVENTOR.

*Charles H. Harris*  
*per Atty.*

*A. H. Evans & Co.*

# UNITED STATES PATENT OFFICE.

CHARLES H. HARRIS, OF CEDARTOWN, GEORGIA.

## IMPROVEMENT IN SPRING-SADDLES.

Specification forming part of Letters Patent No. **163,769**, dated May 25, 1875; application filed May 15, 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 with my improvements attached. Fig. 2 is a side elevation of the spring.

The object of my invention is to provide a saddle-spring which will give an easy and comfortable motion, and which will subject the material of the saddle to the least possible strain and wear; and it consists in attaching the forward portion of the leather forming the saddle-seat to a peculiar-shaped spring forming the pommel, and is an improvement on my Patent No. 161,785, and dated April 6, 1875.

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

In the said drawings, A is a saddle-tree; B, the bow; C, the spring forming the pommel, and D D the seat. Properly bolted to the top of the bow, and curving from front to rear, is a spring, C, constructed with the portion from or about *c* to the hook *c'* straight and rigid, which peculiar form of spring secures a vertical movement to the hook *c'*, and consequently to the seat of the saddle, thus

avoiding the seesaw motion common in all spring-saddles. The seat of my saddle I make in two pieces, *a a*, as shown in Fig. 1, with the front connected by a metal bar, *m*, fitting in the hook *c'*. From this construction it is evident that to convert my spring-saddle into one having an ordinary seat, it is only necessary to lift the bar *m* from the hook *c'*, and the pieces *a a* rest snugly on the tree, and the seat is deprived of any spring. 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 not only a spring-pommel as well as a spring-seat to the saddle, which I accomplish by my arrangement of the spring, but secure the material of the saddle against strain and wear, and avoid the seesaw motion common to spring-saddles.

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, constructed as described, and having the portion from *c* to *c'* rigid and straight, in combination with the pieces *a a*, and metal bar *m*, substantially as and for the purpose described.

CHAS. H. HARRIS.

Witnesses:

THOMAS C. CONNOLLY,  
HENRY H. BURTON.