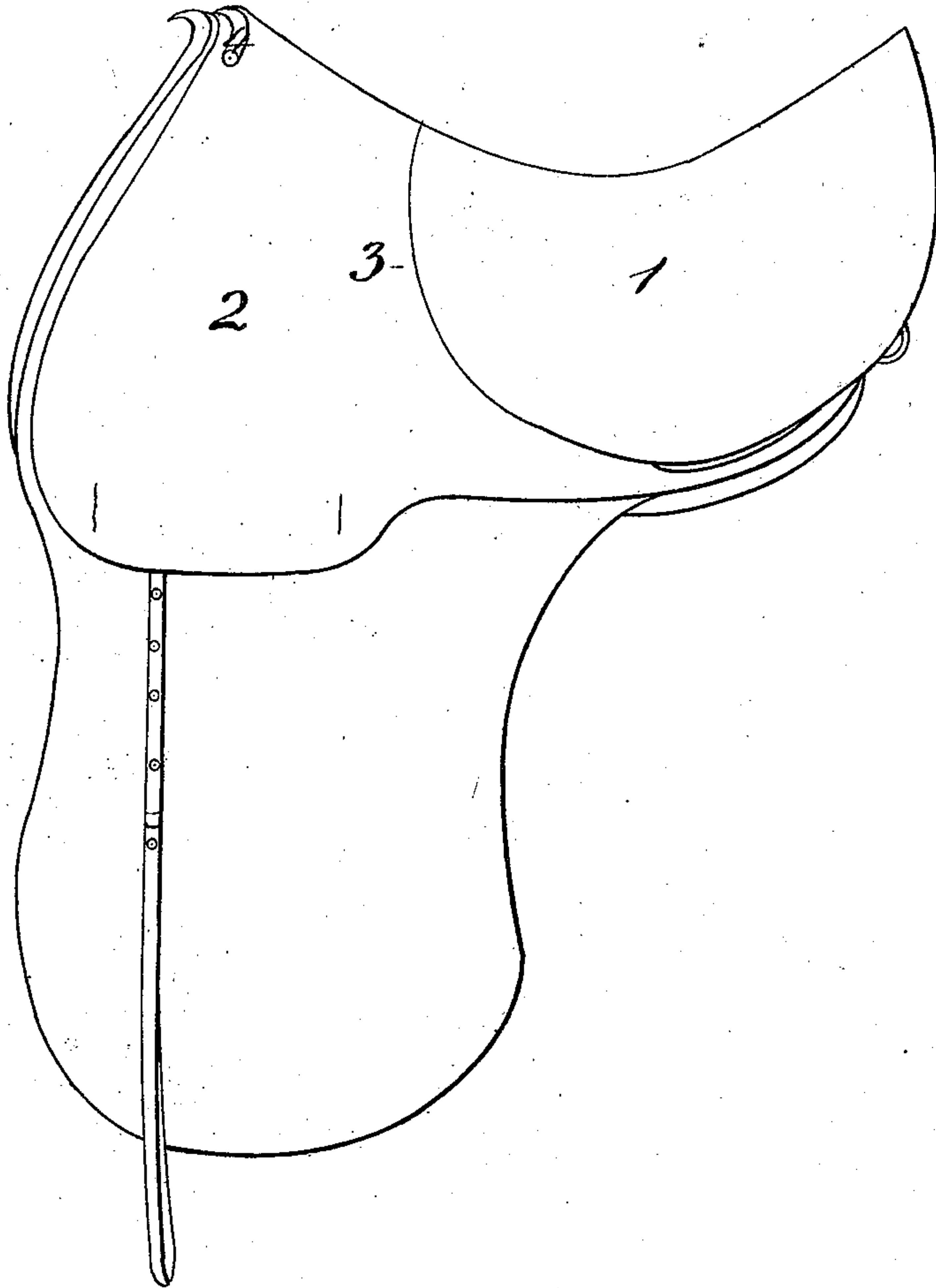


Sheet 1 - 2 Sheets.

O. Mc Cluer,
Riding Saddle,
No 1,521,
Patented Mar. 25, 1840.

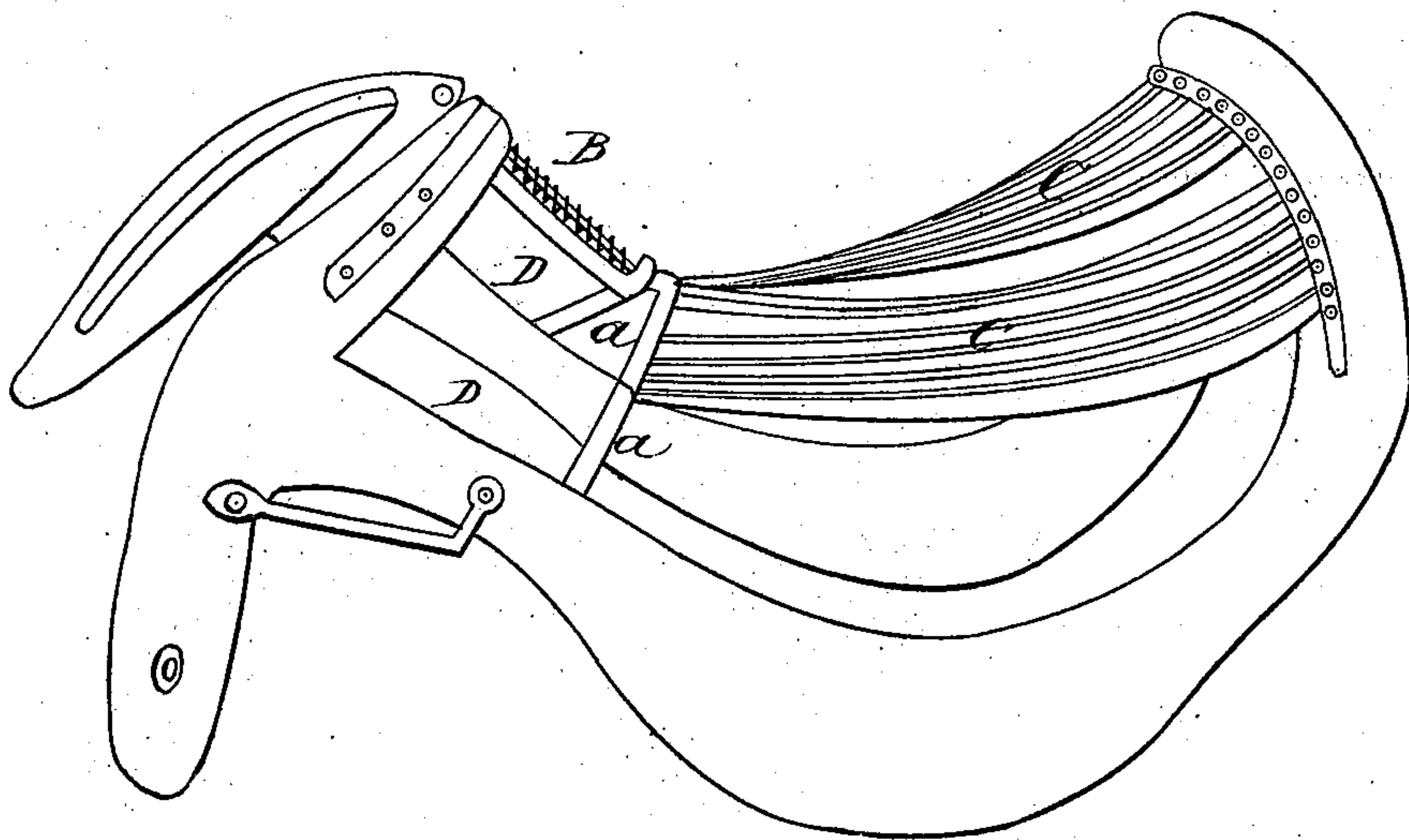


Witnesses
William H. Abell
Francis H. Ruggles

Inventor
Orrin Mc Cluer

Sheet 2-2 Sheets

O. Mc Cluer,
Riding Saddle,
No 1,521,
Patented Mar. 25, 1840.



Witnesses
Francis H. Ruggles
John Lawton

Inventor
Orrin M. Cluer

UNITED STATES PATENT OFFICE.

ORREN McCLUER, OF FREDONIA, NEW YORK.

CONSTRUCTION OF SADDLES.

Specification of Letters Patent No. 1,521, dated March 25, 1840.

To all whom it may concern:

Be it known that I, ORREN McCLUER, of Fredonia, in the county of Chautauqua and State of New York, have invented a new and useful Improvement in Constructing Saddle-Seats designed to add to the value and usefulness of the bow and spiral or worm spring or other spring attached to or inserted in the straining web as heretofore used or as may be used in saddle-seats, and that the following is a full and exact description of my said invention.

My said invention consists in attaching the leather or other outer material of the saddle seat (Figure 1) to the bow (letter A) or spring (letter B) or straining web (letter C) instead of the head of the saddle tree (Fig. 4), thus leaving the seat (Fig. 1) entirely disconnected from the head of the tree (Fig. 4) except by the spring (letter B) and leaving the entire weight of the rider to act upon the spring (letter B), which is by this means left free to impart its elasticity to the seat of the saddle without any resistance from the covering of the seat to be overcome.

In order to cover the space (letter D) between the seat and the head of the saddle-tree, I continue the skirts (Fig. 2) from the outer sides of the tree where the seat terminates (Fig. 3) directly up to the center of the saddle, keeping them lapped on the seat about an inch or as much as to cover the extent of the variation of the spring

till they meet, whence they are seamed together to the head of the saddle. This description is applicable to saddles constructed with a spiral spring after the manner of Keedy's patent, and as represented in the drawing (letter B). But my invention may be used with any other mode of giving elasticity to the seat by springs in the straining web (letter C) or in any other form. This invention does not alter the construction of saddles in any respect except in the seat, as above described.

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

The manner of attaching the leather or other covering of the seat of the saddle (Fig. 1) to the bow (letter A) or to the straining web (letter C) and extending a flap of leather being of the same piece with the skirt (Fig. 2) from the pommel or head of the saddle (Fig. 4), so as to lap over the foregoing cover, by which means the whole weight of the rider rests entirely upon the spring, while in ordinary saddles where the leather covering extends over the whole saddle the weight is supported by the leather in a great measure, so that the spring does not operate as well, the whole being constructed as herein described.

ORREN McCLUER.

Witnesses:

FRANCIS H. RUGGLES,
JOHN LAMSON.