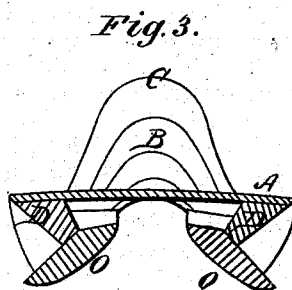
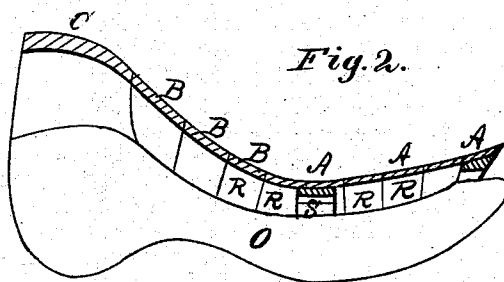
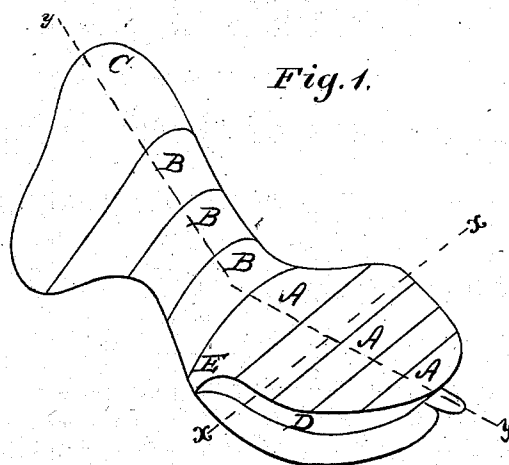


J. C. MILLER.
RIDING-SADDLE.

No. 186,359.

Patented Jan. 16, 1877.



WITNESSES

Henry N. Miller
H. L. Conrad

INVENTOR

J. C. Miller
By Alexander Mason
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN C. MILLER, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN RIDING-SADDLES.

Specification forming part of Letters Patent No. **186,359**, dated January 16, 1877; application filed June 20, 1876.

To all whom it may concern:

Be it known that I, JOHN C. MILLER, of Louisville, in the county of Jefferson, and in the State of Kentucky, have invented certain new and useful Improvements in Saddle-Trees; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a saddle-tree, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my saddle-tree. Fig. 2 is a longitudinal section, and Fig. 3 a transverse section, of the same.

By means of my invention the seat is made as part of the tree itself, in such a way as to complete the formation of the seat in all its parts, from the tip of the cantle D D to the front of the gullet or pommel C, which is formed by raising the bars O O to the proper height by means of a convenient number of curved, arched, and beveled cross-sections formed into a complete whole, producing the seat shown by letters A and B. The letters B show the part of the seat known as the "neck," which completes the form of the saddle-seat by extending forward to the gullet C. The lines *a* across the seat show how the material may be divided into sections, by which sections the cantle, seat, and neck—all component parts of seat—are formed in a convenient and substantial manner. The letters R and S show the result, and represent the arches in the beveled, curved, and arched

cross-sections. These arches may be short, beginning at the edges of the bars O, as shown at S, or they may be longer or wider, as shown at R. These arches are necessary to clear the spine of the horse, and to complete the formation of the seat, as well as to give a proper strength to its construction.

E E represent the rests for the thighs, and result from the peculiar manner in which the seat and the cantle, which in this improvement is a part of the seat, are raised above the bars O by means of the curved, arched, and beveled cross-sections before mentioned. The formation of the neck B is another result of the cross-sections.

By means of these cross-sections a seat of any desired form may be had, thus making my improvement applicable to all kinds of saddles, male or female, whether made on Spanish, Texas, or Somerset bars.

The neck B may, if desired, be made of metal bent and curved to the necessary shape, and placed in proper position.

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

1. The seat of a saddle made as part of the tree by means of a convenient number of curved, arched, and beveled cross-sections, in a manner substantially as described, and for the purposes set forth.

2. The combination of the bars O, the pommel C, curved, arched, and beveled cross-sections A B, and thigh-rests E E, all made part of the tree substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of May, 1876.

JOHN C. MILLER.

Witnesses:

Dr. C. C. SHARP,

W. W. VAN PELT, M. D.