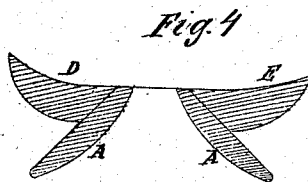
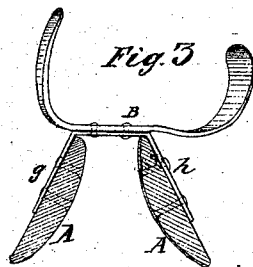
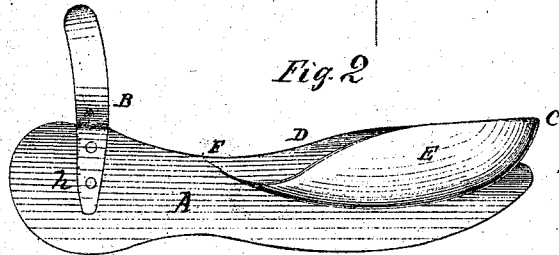
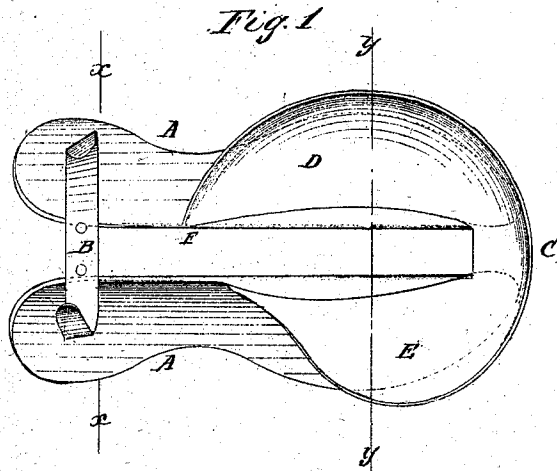


W. HILL.
SIDE SADDLE TREE.

No. 104,455.

Patented June 21, 1870.



Witnesses:

A. M. Langrish
S. S. Mabee

Inventor:

Wm Hill
PER *Memm*
Attorneys.

United States Patent Office.

WILLIAM HILL, OF NEW YORK, N. Y.

Letters Patent No. 104,455, dated June 21, 1870.

IMPROVED SIDE-SADDLE TREE.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, WILLIAM HILL, of the city, county, and State of New York, have invented a new and useful Improvement in Side-saddle Tree; and I hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and useful improvement in trees for side-saddles, whereby the strength, beauty, and utility of that article are increased, while it is greatly simplified in its construction, and its cost diminished; and

It consists in the construction and arrangement of parts, as hereinafter more fully described.

In the accompanying drawing—

Figure 1 represents a top or plan view.

Figure 2 is a side view.

Figure 3 is a vertical cross-section of fig. 1, on the line *x x*.

Figure 4 is a vertical cross-section of fig. 1 on the line *y y*.

Similar letters of reference indicate corresponding parts.

A A represent the bars of the tree, which are two separate pieces, formed and placed so as to fit the back of the horse each side of the spine.

These bars are connected together at the front and rear, at the front by the metallic horn-piece B, and at the rear by the seat C.

The seat is a concave circle, divided as seen in fig. 1, with each of its wings, D E, firmly attached to its bar by a straight joint, as more distinctly seen in fig. 4.

Instead of continuing forward the wing D, and building it up to the horn, as is ordinarily done, I terminate the seat and wing at the point F, which saves a great deal of labor and unnecessary expense. The horn-piece B may be in either one or two pieces.

In this example of my invention, two pieces are riveted together; the upper piece forms the horns, and the lower one straps, *g* and *h*, which are firmly riveted or fastened to the bars, as seen in fig. 3.

By this mode of construction, the tree is reduced from the ordinary clumsy affair now in use to its proper symmetry and proportions. It is light, but strong, with no unnecessary material, while, for the ease and comfort of both rider and horse, the form is perfect.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The seat C, the bars A A, and the horn-piece B, constructed, arranged, and combined substantially as and for the purposes described.

2. The wing D of the seat of a side-saddle tree, when terminating before it reaches the horn of the saddle, substantially as shown and described.

3. In combination with a side-saddle tree, the horn-piece B, when constructed with the straps *g* and *h*, by means of which the front ends of the bars A A are connected together and supported, substantially as described.

WILLIAM HILL.

Witnesses:

GEO. W. MABEE,

T. B. MOSHER.