B. F. BARROW.

Tree for Riding-Saddle.

No. 207,939. Patented Sept. 10, 1878.

Fig. 1.

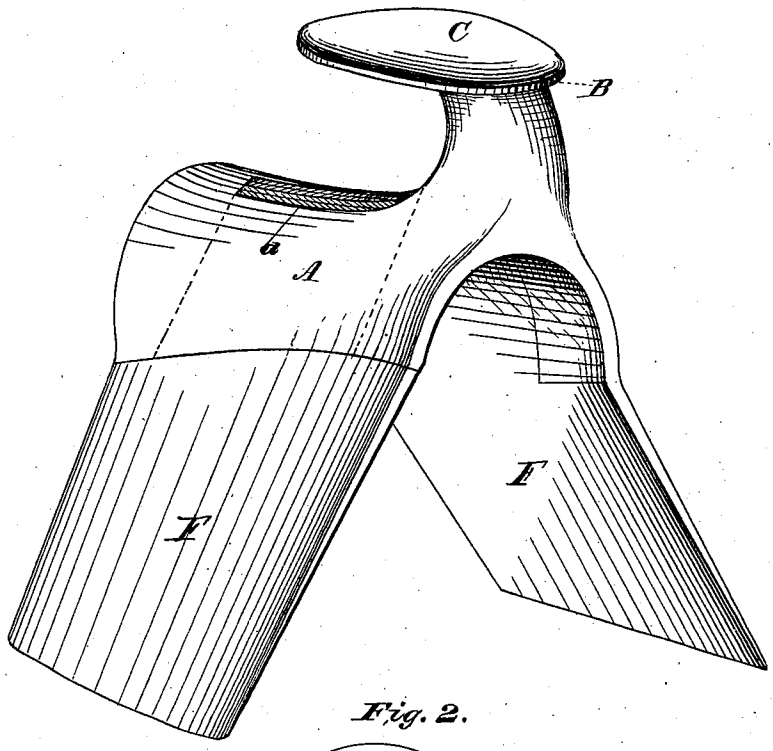


Fig. 2.

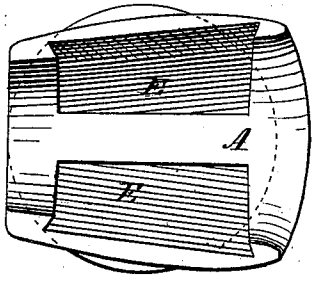
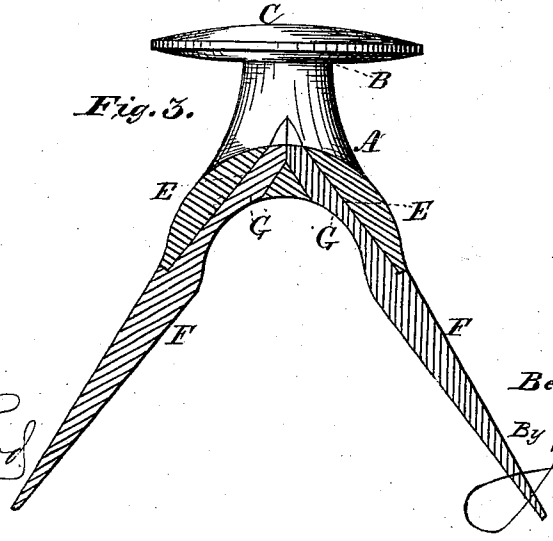


Fig. 3.



Witnesses:

T. C. Brecht.

J. A. Rutherford.

Inventor:

Benjamin F. Barrow.

By James L. Norris.

Attorney.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

BENJAMIN F. BARROW, OF JEWETT, TEXAS.

IMPROVEMENT IN TREES FOR RIDING-SADDLES.

Specification forming part of Letters Patent No. **207,939**, dated September 10, 1878; application filed August 7, 1878.

To all whom it may concern:

Be it known that I, BENJAMIN F. BARROW, of Jewett, in the county of Leon and State of Texas, have invented certain new and useful Improvements in Saddle-Tree Forks, of which the following is a specification:

The object of the present invention is to provide an improved saddle-tree fork, in which the utmost lightness and the greatest strength and durability shall be combined.

Heretofore saddle-tree forks have been constructed wholly of metal or wood, and partly of wood and partly of metal.

My invention relates to the last-mentioned class of saddle-tree forks. In such forks, as heretofore constructed, the body of the fork has been constructed of cast metal, having depending metallic sides, to which are affixed wooden plates to lessen the weight of the fork, and provide a means for securing the cover of the saddle.

As thus constructed the fork is unnecessarily heavy, and the main object of the present invention is to lighten the fork without materially impairing its strength.

To this end my invention consists in constructing the saddle-tree fork of a body of cast metal, having a wooden pommel and side pieces, the side pieces being fitted into and secured in suitable sockets formed in the cast-metal body for the purpose, with the grain of the wood at right angles to the lower edge of the body, as more fully hereinafter specified.

In the drawings, Figure 1 represents a perspective view of my improved saddle-tree fork; Fig. 2, a bottom view of the metallic portion of the fork, and Fig. 3 a sectional view of the fork.

The letter A represents the body of the saddle-tree, which is constructed of cast metal. Said body is formed with a seat, B, for the pommel C, which is secured thereto by means of a screw, or in any other convenient manner.

The letter E represents two dovetailed sockets formed at opposite sides of the body A, converging upward, extending through the body, and meeting at their terminations in a slot, *a*. Said sockets are designed for the reception of the side pieces, F, which are formed with dovetailed shanks G, beveled at their upper ends, the beveled ends falling in juxtaposition when the shanks are in place in the sockets, as shown in Fig. 2. The shanks are held in place in their sockets by means of screws, or in any other convenient manner.

It will be perceived that, as above constructed, the body alone of the saddle-tree fork is constructed of the metal, the pommel and sides being formed wholly of wood. This gives the greatest possible lightness to the fork. The side pieces being inserted and held in the sockets in the direction of the grain of the wood secures the requisite strength in such parts.

What I claim is—

1. The combination, with the metallic tree-body A, having the dovetailed sockets E, meeting and terminating in a slot, *a*, of the wooden side pieces, F, having the grain of the wood running longitudinally thereof, and provided with the dovetailed shanks to fit in said sockets, substantially as described.

2. The combination, with the metallic tree-body A, having in its top the slot *a*, of the side pieces, F, the upper ends of which meet in and extend through said slot, substantially as described.

3. The combination, with the metallic tree-body A, having the dovetailed sockets E, meeting and terminating in a slot, *a*, of the side pieces, F, having the dovetailed shanks G fitting in said sockets and meeting in said slot, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

BENJAMIN FRANKLIN BARROW.

Witnesses:

C. C. COOKE,

B. WORMS.