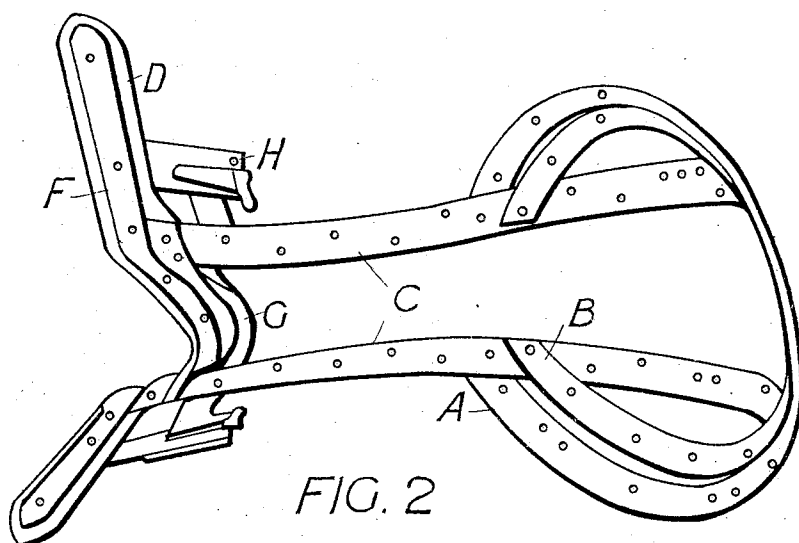
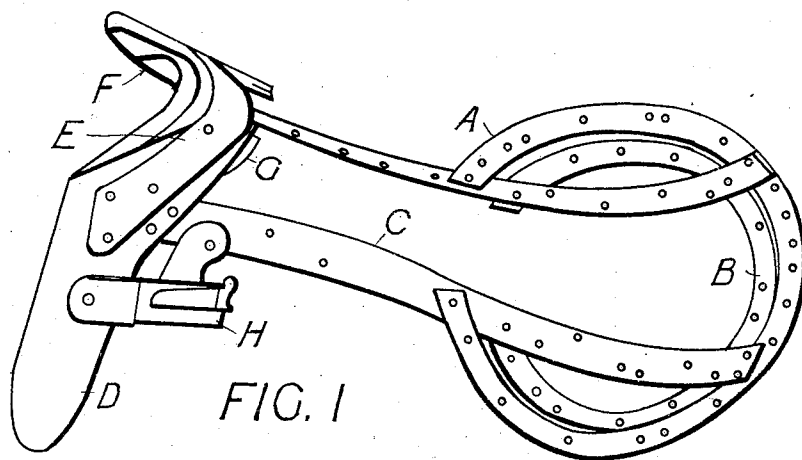


No. 786,502.

PATENTED APR. 4, 1905.

A. LAPPAN.
RIDING SADDLE.

APPLICATION FILED NOV. 17, 1903.



WITNESSES

Wm. Kuehn
Henderson & Stone

INVENTOR

Adam Lappan

By *Richardson*
ATTORNEYS

UNITED STATES PATENT OFFICE.

ADAM LAPPAN, OF ANNANDALE, NEW SOUTH WALES, AUSTRALIA.

RIDING-SADDLE.

SPECIFICATION forming part of Letters Patent No. 786,502, dated April 4, 1905.

Application filed November 17, 1903. Serial No. 181,533.

To all whom it may concern:

Be it known that I, ADAM LAPPAN, saddler, a subject of the King of Great Britain and Ireland, residing at Annandale, near Sydney, in the State of New South Wales, Australia, have invented new and useful Improvements in Riding-Saddles, of which the following is a specification.

My invention relates to riding-saddles, and in particular to the trees thereof.

According to my invention I make the tree of the saddle with a wooden pommel reinforced above and below with metal plates riveted through, and I form the cantle of two 15 curled iron plates or bars, one of which forms the outline of the bottom of the seat and the other of which acts as a partial support for the seat and lies within the outer plate, its forward ends being dipped below the metal 20 stringer-pieces, to which both cantle-bars are riveted, said stringer-pieces being also riveted to the iron reinforcements of the pommel. The cantle and stringer-pieces are perforated to carry stitching by which the transverse 25 webbing is secured to the tree, panel-packing being worked over the webbing and stitched thereto. The leather pad is molded to form, wrapped over around the edges of the tree, riveted to the metal portions, and tacked to 30 the pommel, and finally stitched to complete. The pads are stitched to the metal body and are each formed in one molded piece, which is lined and packed while in the mold in which it is formed in such a way as to obtain a solid 35 heart to preserve the form and rigidity of the pad.

The annexed drawings show in Figure 1 and Fig. 2, respectively, perspective top and under side views of a saddle-tree made according to my present invention.

The cantle is formed of two curved plates A and B, attached by riveting to the stringers

or side bars C in the manner shown. The inner cantle-piece lies wholly below the side bars; but the forward end of the upper cantle-piece is lapped above the side bars, so as to give a proper dishing for the seat of the saddle. The pommel D is made of wood reinforced above and below by yoke-plates E and F G, respectively. The forward ends of the 50 side bars are riveted to F G, the rivets passing through the wood pommel and being closed over on the yoke-piece E. The stirrup-loops H are riveted up to the yoke D and the side bars C, as shown. 55

In making up a saddle on this tree longitudinal webbing is tacked to the pommel and stitched to the cantle, and transverse webbing interlaced therewith is secured at its ends to the side bars. Panel-packing is worked over 60 the webbing, and the seat is molded to form, wrapped over around the edges, and riveted and stitched to the cantle, side bars, and pommel.

What I claim as my invention, and desire to 65 secure by Letters Patent, is—

In combination with a wooden yoke D, metal strengthening-bands riveted above and below the same, metal stringers riveted at one end to said yoke and bands, said stringers being 70 perforated throughout their length and two perforated curved metal bars riveted to the stringers, one of said bars having its ends riveted to the under side of the stringers while the other bar has its ends riveted to the upper 75 side thereof, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ADAM LAPPAN.

Witnesses:

C. G. HEPBURN,
W. J. DAVIS.