

L. F. C. HAVERLAND & J. H. THOMAS.

HARNESS SADDLE.

APPLICATION FILED JUNE 16, 1911.

1,060,453.

FIG. 1.

Patented Apr. 29, 1913.

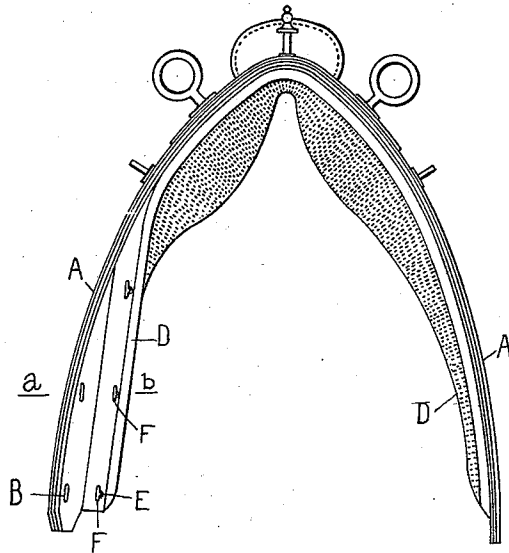
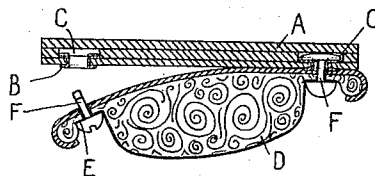


FIG. 2.



WITNESSES

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LUDWIG FREDERICK CONRAD HAVERLAND AND JOHN HENRY THOMAS, OF NORTH
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HARNESS-SADDLE.

1,060,453.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed June 15, 1911. Serial No. 633,276.

To all whom it may concern:

Be it known that we, LUDWIG FREDERICK CONRAD HAVERLAND and JOHN HENRY THOMAS, subjects of the King of Great Britain and Ireland, residents, respectively, of O'Connell street and Archer street, both in North Adelaide, State of South Australia, Commonwealth of Australia, have invented a certain new and useful Improvement in Harness-Saddles, of which the following is a specification.

This invention relates to improvements in the manufacture or construction of saddles and in particular to the attachment of the pad to the flap of the saddle.

Heretofore the pad has been fixed to the tree and to the flap of the saddle by nails and copper wire ties respectively which constitutes permanent fastenings that have to be destroyed to enable the pad to be removed.

According to our invention the pad is detachably attached to the flap of the saddle by means of fasteners which can be released and resecured as often as may be necessary for any purpose, as for instance to enable repairs to be effected.

In order that our invention may be clearly understood we will describe the same with reference to the accompanying drawings in which—

Figure 1 is a view of the front of a saddle showing on the one side the panel secured in place, and on the other side the pad partly detached from the flap along the front edge. Fig. 2 is a cross section on line *a b* of Fig. 1 illustrating bail stud fasteners. Fig. 2 is drawn to a larger scale than Fig. 1.

In a saddle constructed according to our invention the flap A of the saddle is made and secured to the tree after any of the usual modes heretofore employed except that the innermost thickness of leather is provided with holes reinforced with eyelets B, and the intermediate thickness of leather is provided with sockets or recesses C immediately below such eyelets. The pad D also is made in general form and construction after any of the usual modes heretofore employed, with the addition that after the pad is finished in the usual manner it is provided with a number of holes reinforced with eyelets E corresponding in number and

position with the holes and eyelets in the flap A.

The head of the fastener F (of the description commonly known as bail studs) engages the pad D, and the stem passes through the eyelets in the flap A and in the pad D. The cross piece or inner end of the stud is passed through the eyelet (which is slot shaped) into the socket C in the flap and is given a quarter turn after insertion, causing the cross piece to catch beneath the edges of the eyelet in the flap. The eyelet is preferably provided with a notch or notches to hold the cross piece in place (which is circular) into the threaded socket or nut C embedded in the flap beneath the eyelet. With these detachable fasteners the pad can be attached to and detached from the flap as often as may be desired by turning the stud in the necessary direction, and without in any way damaging any portion of the saddle.

The fasteners are arranged at such distance apart around the edges of the pad and of the flap as to hold them neatly together. That part of the pad which fits within the tree is secured thereto by screws in place of nails heretofore used.

Having now fully described and ascertained our said invention and the manner in which it is to be performed we declare that what we claim is—

1. In a harness saddle, the combination of the flaps of the saddle each formed of a plurality of layers of leather, said flaps having elongated and undercut eyeleted recesses on their inner faces along each edge, a pad provided with eyeleted openings opposite the recesses of the flaps, and studs each having a head at one end and a cross piece at its other end, the studs being passed through the openings of the pad and having their cross pieces in the recesses of the flaps, and engaging the inner walls of the said recesses.

2. In a harness saddle, the combination of the flaps of the saddle each formed of three layers of leather, the innermost layer having elongated eyeleted openings along each edge, and the intermediate layer having recesses below the openings of the innermost layer, a pad having openings along each edge opposite the recesses of the flaps, and

studs each having a head at one end and a cross piece at the other end, said studs passing through the openings of the pad and having their cross pieces in the recesses of the flaps and engaging the inner walls of said recesses.

5 In testimony that we claim the foregoing as our invention we have signed our names

in the presence of two subscribing witnesses this twenty-sixth day of April 1911.

LUDWIG FREDERICK CONRAD HAVERLAND.
JOHN HENRY THOMAS.

Witnesses:

ARTHUR GORE COLLISON,
LESLIE HERBERT BROADBENT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

It is hereby certified that in Letters Patent No. 1,060,453, granted April 29, 1913, upon the application of Ludwig Frederick Conrad Haverland and John Henry Thomas, of North Adelaide, South Australia, Australia, for an improvement in "Harness-Saddles," an error appears in the printed specification requiring correction as follows: Page 1, lines 67-69, strike out the parentheses and words "(which is circular) into the threaded socket or nut C embedded in the flap beneath the eyelet"; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 4th day of November, A. D., 1913.

[SEAL.]

R. T. FRAZIER,

Acting Commissioner of Patents.