(No Model.)

O. TABER.

HARNESS SADDLE.

No. 420,420. Patented Jan. 28, 1890.

Fig: 1.

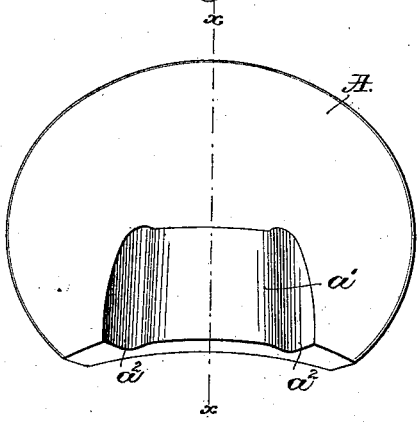


Fig: 2.

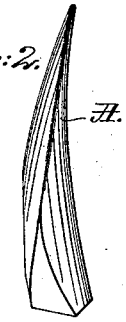
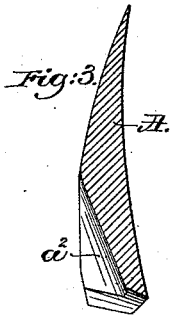


Fig: 3.



Witnesses.
Frederick L. Emmy-
Howard F. Eaton.

Inventor.
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Attys

UNITED STATES PATENT OFFICE.

ORRIN TABER, OF WILTON, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE NASHUA SADDLERY HARDWARE COMPANY, OF NASHUA, NEW HAMPSHIRE.

HARNESS-SADDLE.

SPECIFICATION forming part of Letters Patent No. 420,420, dated January 28, 1890.

Application filed August 23, 1889. Serial No. 321,703. (No model.)

To all whom it may concern:

Be it known that I, ORRIN TABER, of Wilton, county of Hillsborough, State of New Hampshire, have invented an Improvement in Backing for Saddle-Tree Seats, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

Metallic seats for saddle-trees are made very thin for lightness, and in practice the seat is provided on its under side with a block which serves as a backing for the seat or filling for the space between the seat and tree. This block has, so far as I am aware, been composed of a thin slab of wood cut out with a great deal of care, and when placed in position the intervening space around the loop for the crupper-strap is filled with cementitious material, which after a period of time hardens. This composite block—namely, wood and cement—is very objectionable, as much time is required to cut out the slab of wood, and much difficulty is encountered in applying the block to the seat to fit it and the tree.

This invention has for its object to construct a backing or filling-block for saddle-tree seats which may be made in a single piece of proper shape to fit the seat and tree without trimming and without cement, is non-metallic to insure lightness, and fibrous to give it strength and durability.

The material which I prefer to employ is wood pulp, although any other kind of pulp may be employed, and the blocks are formed in molds or dies and subjected to great pressure, the production being a non-metallic fibrous mold-finished article, oval and wedge shaped to fit the under side of the seat and fill the space, and having a recess of sufficient depth to leave shoulders, said recess receiving the loop for the crupper-strap.

Figure 1 shows an under side view of the backing or filling block embodying this invention; Fig. 2, a side view of the block shown in Fig. 1, and Fig. 3 a vertical section of the block, taken on the dotted line $x\ x$.

The backing or filling block A is made somewhat oval in shape, having its upper surface formed to contact with the broadened end of the seat, and is made wedge-shaped to fill the recess formed between the seat and tree.

The under side of the block A is rounded off smooth, but has a recess formed in it, as at a', with grooves $a^2\ a^2$ to receive the loop for the crupper-strap.

The backing or filling-block may vary in size according to the size of the seat, and also the recess in its under side may be of different area or depth, and, if desired, the grooves $a^2\ a^2$ may be omitted.

The block is fastened to the seat by screws, rivets, or other suitable fastenings.

The block is made, preferably, of wood pulp, although any other fibrous pulp may be employed, and it is molded in any usual or suitable manner common in the manufacture of articles from such material.

I claim—

A non-metallic fibrous mold-finished backing or filling-block for saddle-tree seats, comprising in a single piece an oval wedge-shaped block having the recess a', substantially as and for the purposes stated.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ORRIN TABER.

Witnesses:

BERNICE J. NOYES,

E. J. BENNETT.