

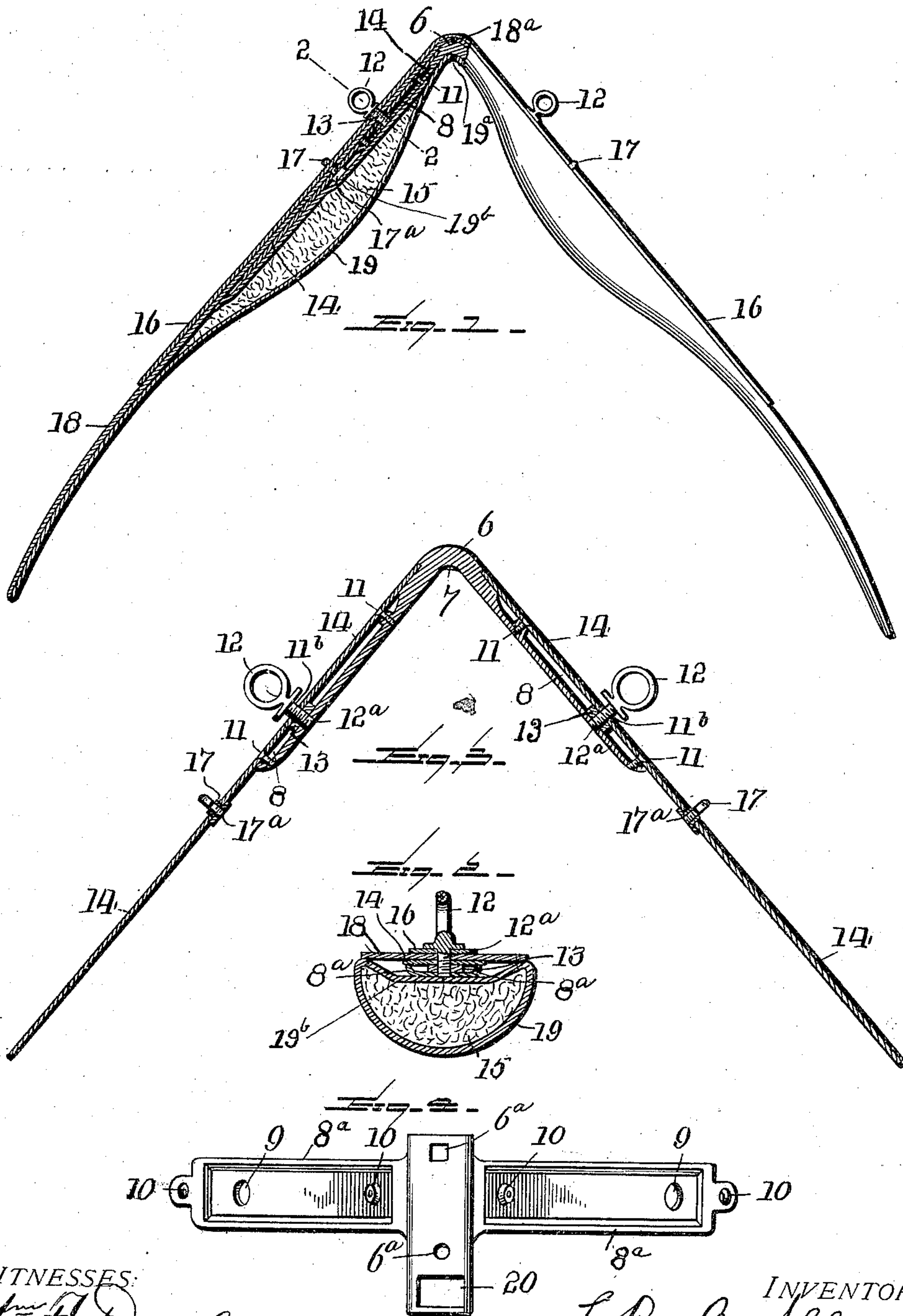
No. 708,514.

Patented Sept. 9, 1902.

LE ROY B. ALLEN.
HARNESS TRACK SADDLE.

(Application filed July 29, 1901.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

LE ROY B. ALLEN, OF NORWALK, OHIO.

HARNESS TRACK-SADDLE.

SPECIFICATION forming part of Letters Patent No. 708,514, dated September 9, 1902.

Application filed July 29, 1901. Serial No. 70,054. (No model.)

To all whom it may concern:

Be it known that I, LE ROY B. ALLEN, a citizen of the United States, residing at Norwalk, in the county of Huron and State of Ohio, have invented certain new and useful Improvements in Harness Track-Saddles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in harness-saddles, and particularly to improvements in track-saddles. Its objects are to construct a saddle the parts of which may be readily assembled or separated so that repairs can be made without ripping or unlacing of any threads.

A further object is to construct a saddle of fewer and simpler parts than heretofore, which will be attractive in appearance, light in weight, and strong and durable in use.

With these and other objects in view my invention is hereinafter described and is illustrated in the drawings, in which—

Figure 1 is an elevation, half in section, of the saddle. Fig. 2 is a cross-section on line 2 2 of Fig. 1. Fig. 3 is a section of the metal parts with the leather parts removed. Fig. 4 is a top detail view of the saddletree.

Referring more particularly to the drawings, the saddletree is indicated at 6, having at its bend the strengthening-flange 7. The saddletree is preferably a casting and is strong and rigid. At each edge of each branch of the tree is formed a flange 8^a, upturned and forming between them a longitudinal recess 8. The flanges give strength to the tree, and the recess forms a box containing the terret-bur 13, which is seated above a hole 9 in the saddletree. The saddletree is also provided with holes 10, which are screw-threaded to receive the pad-screws 11.

Upon the saddletree at each side are secured the pad-plates 14, which extend nearly the entire length of the saddle-pads. These plates are formed of spring metal and are secured to the saddletree by the pad-screws 11, which pass through holes in said plates, which

are also provided with holes 11^b for the passage of the terret-screw 12^a, the terret being indicated at 12. The saddletree is provided with holes 6^a for the reception of a check-hook and with a crupper-loop 20. Side loops 17 are screwed into nuts 17^a, riveted to the pad-plates.

The pads are indicated at 15, having an outer skirting 18, stitched at its edges to the pad-covering 19, the edges of which are turned in to form a lining 19^b between the metal parts and the pad-stuffing. The pad-plates 14 are located within the pads under the outer skirting 18, which is provided with holes to receive the pad-screws 11 and the terret-screws 12^a. The pads are thus held to the plates by the said screws, and the pad-plates are attached to the saddletree by the screws 11, as heretofore indicated. The skirting 18 and covering 19 are not made continuous of the saddle, but are divided at the top bend of the saddletree, as at 18^a and 19^a, forming independent halves of the saddle. The branches of the saddletree are located within the pads under the pad-plates 14. The tug-bearer 16 is an integral strap passing entirely around the saddle outside of and next to the outer skirting 18, under the terrets 12, and through the side loops 17. The bearer is provided with holes to receive the terret-screw 12^a. The pad-screws 11 do not pass through the bearer, but are covered and concealed thereby. The divided construction of the pad skirting and covering permits either pad to be readily removed from the tree without ripping any stitching. To effect this result, it is only necessary to unscrew the terret and remove the screws 11. This detaches the pad-plate 14 from the tree, and the latter can then be pulled out of the upper end of the pad, the plates 14 remaining in the pad, where they are held by the loops 17. To replace the tree, it is reinserted into the pad under the pad-plate and there secured by reinserting the screws 11 and the terret.

In the event of breakage or wear of any of the parts the saddle can be easily separated and the broken or worn part removed readily and without ripping. Also the metal parts are few in number, readily replaced, and of strong and light construction.

Having thus described the invention, what

is claimed as new, and desired to be secured by Letters Patent, is—

1. In a harness-saddle, in combination, a saddletree, pad-plates secured thereto, and
5 two disconnected pads attached to the pad-plates, the ends of the pad-coverings abutting together at the top, the tree and plates being contained within the pads and removable through the abutting ends.
- 10 2. In a harness-saddle, in combination, a saddletree, flanges thereon, a terret-bur between the flanges, a pad-plate resting upon the flanges and secured to the tree, a pad the skirting of which is without and upon the pad-
15 plate, screws securing the skirting to the plate, a tug-bearer upon the skirting, a perforation through the tug-bearer, the housing and the plate, and a terret extending through the perforation and engaging the bur.
- 20 3. In a harness-saddle, in combination, two

disconnected pads the coverings of which abut together at the top, a saddletree extending within the pads and removable through the abutting ends of the coverings, and means to secure the pads to the tree.

4. In a harness-saddle, the combination with
25 a saddletree and pad-plates, of disconnected pad-coverings inclosing the tree and plates, said coverings having open upper ends abutting at the bend of the saddle, and screws
30 which pass through the coverings and attach the plates to the tree, whereby the tree may be detached from the plates and removed in the manner specified.

In testimony whereof I affix my signature
35 in presence of two witnesses.

LE ROY B. ALLEN.

Witnesses:

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