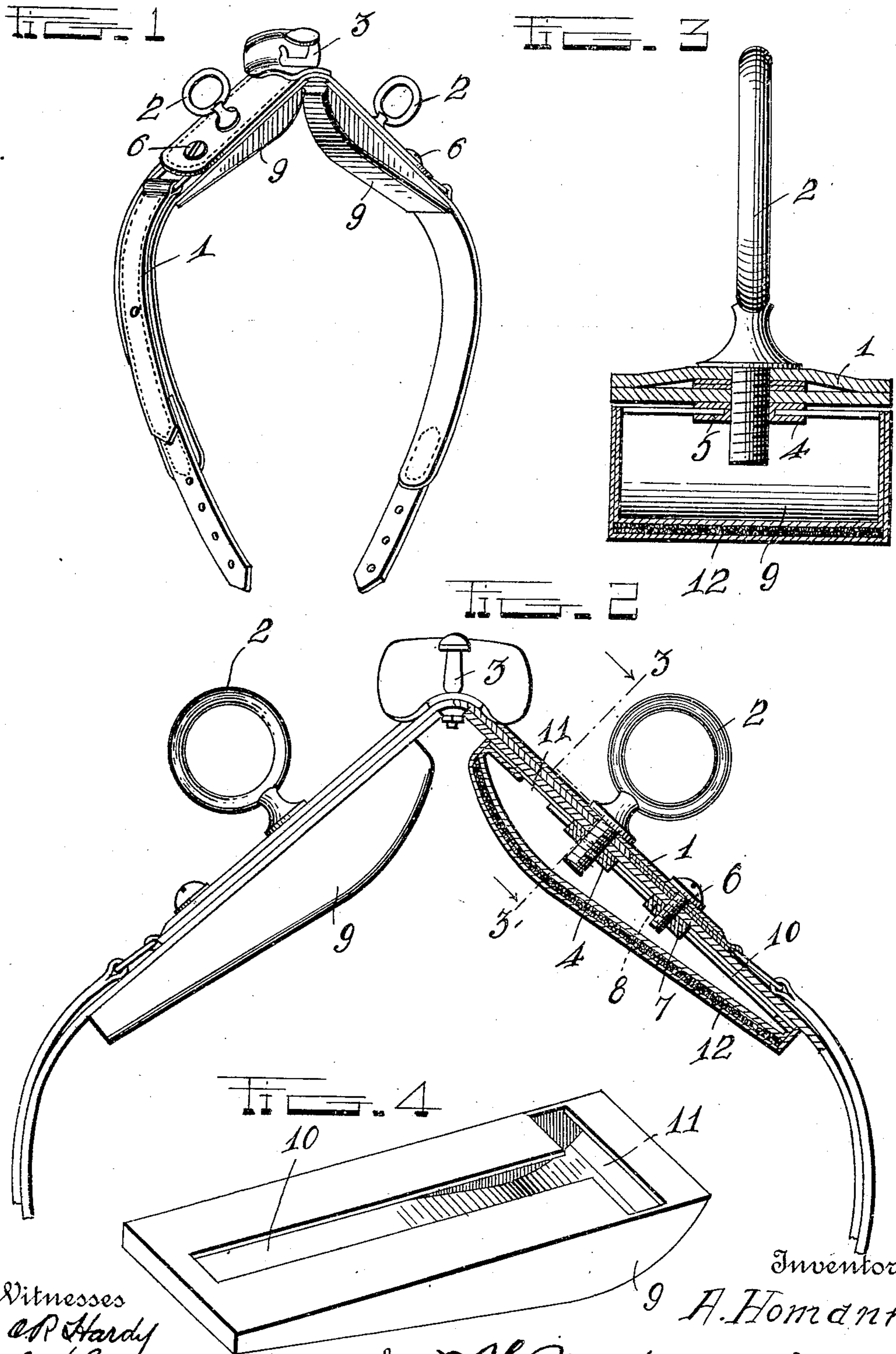


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HARNESS SADDLE.
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958,643.

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UNITED STATES PATENT OFFICE.

ALFRED HOMANN, OF NEW BRAUNFELS, TEXAS.

HARNESS-SADDLE.

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To all whom it may concern:

Be it known that I, ALFRED HOMANN, a citizen of the United States, residing at New Braunfels, in the county of Comal and State of Texas, have invented certain new and useful Improvements in Harness-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.

This invention relates to improvements in harness saddles.

One object of the invention is to provide a harness saddle having an improved construction of pad which will always maintain its shape, thus preventing the saddle from settling and resting upon the back bone of the animal and which will prevent the fastening devices of the terrets and pads from forming projections or uneven places which would tend to cause the formation of sores on the back of the animal.

A further object is to provide means whereby the pads are adjustably secured to the saddle.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be more fully described and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of a harness saddle showing the application of my improved pads; Fig. 2 is a front elevation partly in section of the same; Fig. 3 is a cross section through the saddle taken on line 3—3 of Fig. 2; Fig. 4 is a detail perspective view of one of the pads removed from the saddle.

Referring more particularly to the drawings, 1 denotes a harness saddle which may be of the usual or any desired construction and which is here shown as being provided with the usual terrets 2 and check rein hook 3. The terrets 2 are provided with threaded shanks which are inserted through the back portion of the saddle and have screwed thereon fastening nuts 4, which are provided on their opposite sides with deep grooves or channels 5. In the back portion of the saddle below the terrets are also arranged pad fastening screws 6 on the inner ends of which are screw fastening nuts 7 having in their opposite sides deep grooves 8 corresponding and adapted to be alined with the

grooves 5 in the fastening nuts 4 of the terrets.

My improved pads 9, one of which is arranged on each side of the saddle, are each formed of hollow metal and are substantially of the same width as the back of the saddle and are provided with flat upper sides adapted to fit closely against the under side of the back portion of the saddle, as shown. The lower sides of the pads are formed on a curve corresponding with or adapted to fit the curvature of the back of the animal.

In the flat upper side of each of the pads is formed a central longitudinally disposed slot 10, which connects at its upper end with an enlarged transverse slot or opening 11 formed near the upper end of the pad, as clearly shown in Fig. 4 of the drawing. In applying the pads to the saddle, the large opening or slot 11 of each pad is engaged first with the nuts 7 of the pad fastening screws, after which the pad is slipped upwardly on said nuts with the edges of the slot 10 engaging the grooves 8 in said nuts. When the pads are thus engaged with the nuts 7, they are slipped up thereon until the openings 11 come opposite to the nuts 4 of the terrets, which nuts are then engaged with the openings 11 and the edges of the slot 10 are engaged with the grooves 5 in said nuts 4 and the pads pushed up into their proper positions.

After the pads have thus been engaged with the nuts of the terrets and fastening screws and adjusted to the desired positions, the fastening screws 6 are tightened up, thus drawing the flat upper side of the pads into tight engagement with the under side of the saddle, thus holding said pads in their adjusted positions.

The pads may be covered with any suitable material and, if desired, a layer 12 of felt or similar material may be placed between the covering and the under side of the pads. By forming separate pads and attaching them to the saddle as herein shown and described, it will be seen that the fastening devices for the terrets and pads cannot possibly form uneven surfaces in the pads or press against the back of the animal, and that the pads will always maintain their proper shape, and furthermore, that the pads may be adjusted to different positions to fit the shape of the animal's back.

In the common form of stuffed pad, the filling frequently becomes misplaced or

shifts around and flattens out, thus permitting the saddle to settle down on the back bone of the animal or permits the terret and pad fastening devices to project through or
5 form uneven knotty places on the under sides of the pad which form sores on the animal's back. By means of my improved pad, these objections and faults are entirely overcome.

10 From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

15 Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined in the appended
20 claim.

Having thus described my invention, what I claim is:—

In a harness saddle, a pad for each side formed of hollow sheet metal and each having on its upper side a longitudinal slot 25 communicating at one end with an enlarged opening, grooved fastening nuts arranged on the under side of the saddle and adapted to be engaged by the openings and edges of the slots formed in the upper sides of the 30 pads whereby said pads are adjustably secured to the saddle.

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

ALFRED HOMANN.

Witnesses:

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ALFRED HAMPE.