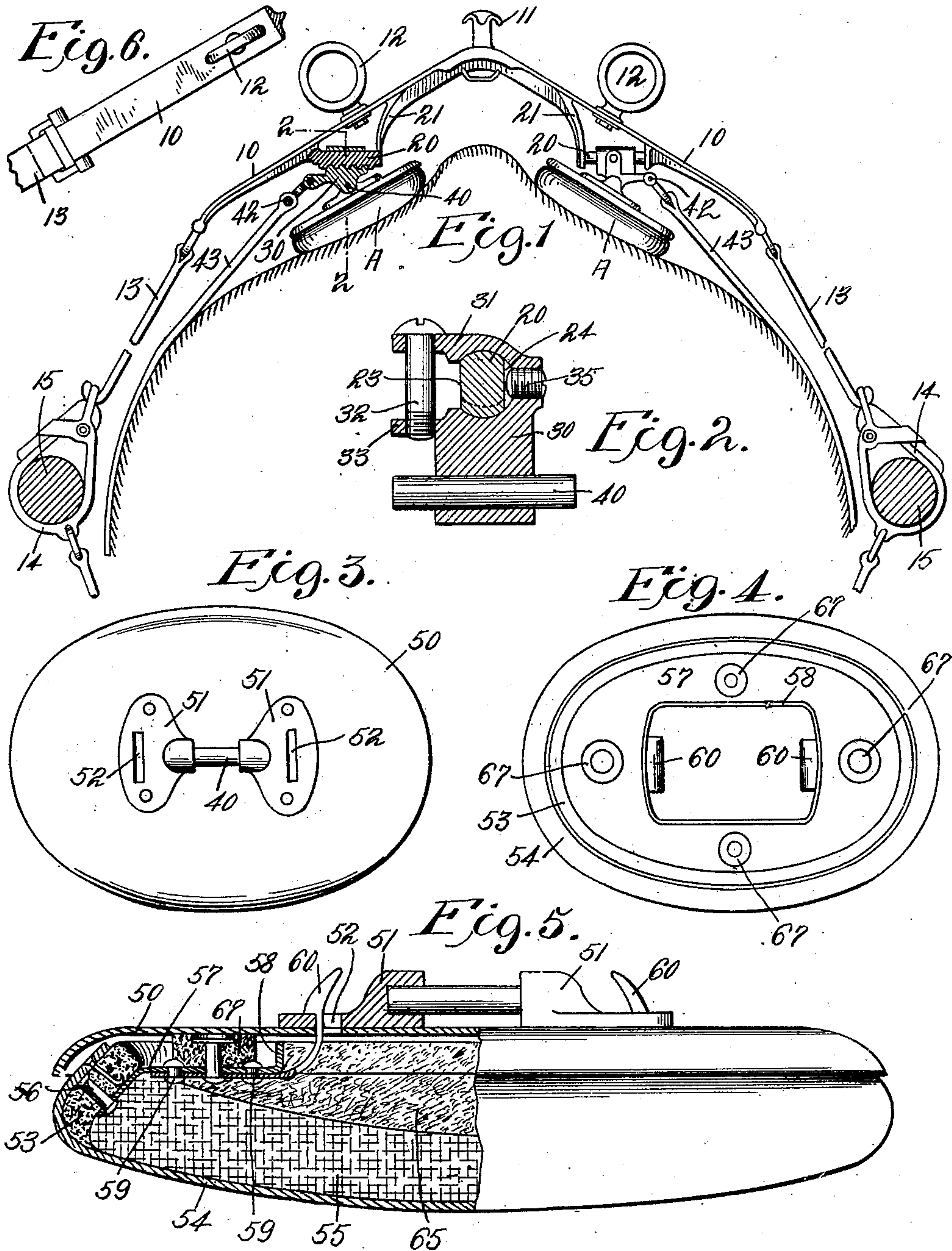


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HARNESS SADDLE DEVICE.  
APPLICATION FILED SEPT. 21, 1908.

912,148.

Patented Feb. 9, 1909.



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By Attorney



# UNITED STATES PATENT OFFICE.

ADOLF F. MONTIN, OF ELIZABETHPORT, NEW JERSEY.

## HARNESS-SADDLE DEVICE.

No. 912,148.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed September 21, 1908. Serial No. 454,064.

*To all whom it may concern:*

Be it known that I, ADOLF F. MONTIN, a subject of the Czar of Russia, residing at Elizabethport, county of Union, and State of New Jersey, have invented certain new and useful Improvements in Harness-Saddle Devices, of which the following is a full, clear, and exact specification.

This invention relates to harness saddles. The principal object of the invention is to improve the construction of such saddles.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of the claims without departing from the spirit of the invention.

In the accompanying drawing, forming part of this specification; Figure 1 is a front elevation, partly in section, showing the harness saddle in position on the horse's back. Fig. 2 is an enlarged section on the line 2—2 of Fig. 1. Fig. 3 is an enlarged plan view of the pad cover. Fig. 4 is a plan view of the pad body. Fig. 5 is a greatly enlarged elevation, partly in section, of the pad consisting of the pad body and cover. Fig. 6 is a plan view of a portion of the frame of the harness saddle looking down on one of the rein guides or rings.

Like reference numerals indicate corresponding parts in the different figures of the drawing.

The reference numeral 10 indicates the frame of the harness saddle. This frame may be of any desired construction and is provided with a check rein hook 11 and the rein guides or eyes 12. Straps 13 connect the saddle frame 10 with the shaft loops 14 through which extend the shafts 15. On each side thereof, the saddle frame 10 is provided with a horizontally extending guide rod 20, which is supported in any suitable manner such as by means of the arm 21. As shown at the left hand side of Fig. 1, the slide bar 20 is formed along its lower portion with a series of threads or teeth and as indicated in the Fig. 2, the sides of the slide bar are flattened as indicated at 23 and 24, so that in effect each slide bar 20 is provided with a form of interrupted thread or teeth,

whereby when the slide 30 which is mounted on the slide bar 20, is turned at a right angle to the position shown in Fig. 2, it can be adjusted longitudinally along the slide bar 20, and when it is thrown down to the position shown in Fig. 2, it is locked against longitudinal movement while still being capable of slight pivotal movement. The portion of the slide 30 through which the slide bar 20 extends, is provided with teeth as indicated in Fig. 1 to cooperate with the teeth on the bar 20. At its upper portion as shown in Fig. 2, the slide 30 is formed with an extension 31, which projects over the slide bar 20. A threaded bolt 32 passes through the extension 31 and engages an ear 33. By tightening up the bolt 32 from time to time, so as to draw the extension 31 downward, the slide 30 can be contracted around the bar 20 to compensate for wear. A threaded plug 35 extends through one side of slide 30 and cooperates with the flat face 24 of the slide bar 20. By screwing the plug 35 inward, the pivotal or rotary movement of the slide bar 20 is limited and by screwing 35 outward, the slide 30 can be rotated upon the bar 20 sufficiently to permit said slide to be adjusted longitudinally upon the bar 20.

Extending through the lower end of the slide 30, is the pivot pin 40 of the pad A. It will be noted that the axis of the pivot pin 40 extends at a right angle to the axis of the slide bar 20, whereby the pad A is capable of a double pivotal movement around the pivot pin 40 at one point and around the slide bar 20 at another point to permit the necessary muscular action of the horse. Furthermore, it will be noted that the slide bar 20 serves the double function of a pivot member and an adjustable guide member for the pad. The slide 30, as shown in Fig. 1, is provided with a heel piece 42, with which is connected the strap 43.

As shown in Figs. 3, 4 and 5, the pad preferably consists of a pad cover or plate 50, with which is connected the supporting members 51 of the pivot pin 40. The supporting members 51 are formed with slots 52 to receive the locking members hereinafter described, which detachably lock the pad body to the pad cover 50. As shown in Fig. 5, the pad body preferably consists of an oval shaped frame 53, to which is tacked or otherwise secured a leather cover 54. Mounted inside the leather cover 54 is a pad



55 of felt or other suitable material. Riveted at 56 to the frame 53 is a metal plate 57 having a central opening surrounded by an up-  
standing flange 58. Riveted at 59 to the  
5 metal plate 57, is a spring member 60, which extends upward through the slot 52 of the cover 50, two of the springs 60 being shown in Figs. 4 and 5. A body of hair or other  
10 material 65 is packed into the center of the pad body and is held in by the cover 50. If it is desired to round out the pad, the cover 50 is removed and more hair is packed in, and if it is desired to flatten the same, a  
15 sufficient quantity of hair is removed. The plate 57 has riveted thereto a plurality of spacing rings or buffers 67, which serve to space the cover 50 away from the pad body so as to permit a circulation of air.

20 The improvements of the present invention are strong, simple, durable and inexpensive in construction, as well as thoroughly efficient and practical in operation.

What is claimed is:

25 1. A harness saddle comprising a frame, a slide bar, a slide capable of pivotal movement on said slide bar, means for permitting said slide to move longitudinally when turned to one position and for locking the

said slide against longitudinal movement on said slide bar when turned to another posi- 30  
tion, and a pad connected with said slide bar.

2. A harness saddle comprising a frame, a slide bar connected with said frame and formed with interrupted threads, a slide 35  
mounted on said slide bar, and having interrupted threads whereby when said slide is turned to one position, it can be adjusted longitudinally on the slide bar, and when turned to another position, it is locked 40  
against longitudinal movement while still being capable of slight pivotal movement; means for contracting said slide around said slide bar to compensate for wear, adjustable means for limiting the pivotal movement of 45  
said slide on said slide bar, a pad cover pivotally connected with said slide, and a pad detachably connected with said pad cover.

In testimony whereof, I have hereunto set my hand in the presence of two subscribing 50  
witnesses.

ADOLF F. MONTIN.

Witnesses:

CHARLES SWANSON,  
W. H. CRICHTON-CLARKE.