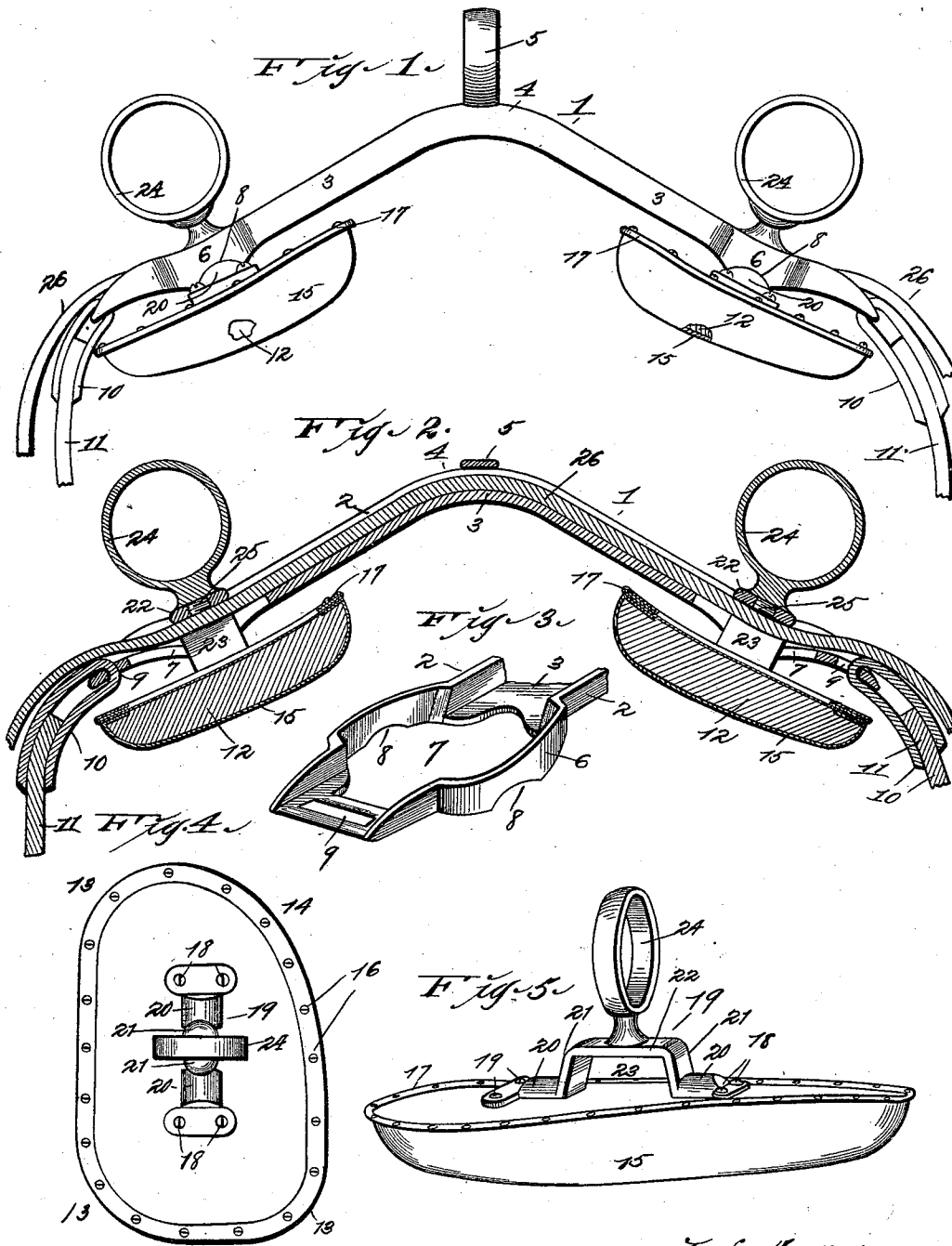


(No Model.)

T. J. REAMY.
HARNESS SADDLE.

No. 541,055.

Patented June 11, 1895.



Attest:
W. P. Smith,
Maud Griffin

Inventor:
Thomas J. Reamy
By Higdon & Higdon, Attorneys

UNITED STATES PATENT OFFICE.

THOMAS J. REAMY, OF ST. LOUIS, MISSOURI.

HARNESS-SADDLE.

SPECIFICATION forming part of Letters Patent No. 541,055, dated June 11, 1895.

Application filed July 30, 1894. Serial No. 518,950. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. REAMY, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Harness-Saddles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved harness saddle, and consists in the novel construction, combination and arrangement of parts hereinafter described and pointed out in the claim.

In order that my invention may be more fully understood, I will now proceed to describe it, in connection with the accompanying drawings, in which—

Figure 1 is an elevation of my improved harness-saddle and pads. Fig. 2 is a longitudinal sectional view thereof. Fig. 3 is a view in perspective of one end of the harness-saddle. Fig. 4 is a top plan view of one of the pads. Fig. 5 is a perspective view of one of the pads.

Referring by numerals to the accompanying drawings, 1 designates the harness saddle, the same being constructed with the vertical sides 2 and base 3. The saddle has the ordinary rounded apex 4, upon which is rigidly fixed the check-rein hook 5. The ends of the saddle 1 are widened as indicated by the numeral 6, and apertures or openings 7 are formed in said widened portion directly opposite each other. In the vertical side portions 2 of this widened portion 6 are segmental cutaway portions 8 adapted to form bearings.

Slots 9 are formed in the extreme ends of the saddle 1 beyond the aperture 7 are for the purpose of receiving the straps 10 that are secured to the ends of the one belly band or under-girth 11.

The pads of my improved harness saddle are constructed of rectangular rounded faced blocks 12, the same being of wood, or analogous material. This block has three of its corners rounded, the remaining corner 14 of which is given a much greater curve than the other corners 13. This corner 14 is so formed as that it will terminate in a longitudinal plane slightly above that of the diagonally opposite corner 13. This peculiar construction of the pads adapts them to fit that por-

tion of a horse's back usually occupied by pads and to give a complete and enlarged bearing surface for said pads. The pads so constructed are covered with sheets of lead, aluminum, or analogous material 15, said sheets of lead, &c., being bent over the top surface of the blocks 12 and there held in position by tacks or screws 16. The pad is now given a finished appearance by securing on its top surface ornamental leather, &c., 17.

Rigidly secured to the top surface of the pads by means of screws 18, or in any suitable manner, are metallic clips 19, the same being provided with the semi-circular base portions 20, vertical portions 21 and horizontal portion 22. Thus a loop 23 is formed upon the top surface of the pad.

An ordinary rein-ring 24 is, by means of a screw-threaded lug 25, securely positioned upon the horizontal portion 22 of the loop 23.

In placing the pads upon the harness saddle, the rings 24 are first passed through the apertures or slots 7 in the lower ends of the saddle 1 until the rounded or semi-circular portions 20 contact and fit in the bearings 8 formed in the widened portion 6 on the lower ends of said saddle 1. Another belly band or girth, such as 26, is now passed through the loops 23, thus forming means for securely holding the pads in position upon the saddle by two bands or girths only.

By reason of the bearings 8 and the semi-circular portions 20 of the clips 19, the pads will be perfectly free to rock at all times in order to adjust and position themselves upon a horse's back during use, no strap being in the way.

It is my intention to construct the saddle of aluminum, thereby producing a saddle that is light in weight, of a pleasing and desirable appearance, easily cleaned and thorough and efficient in use.

By forming the pads of wood, wood pulp, paper, or analogous material, said pads will not absorb moisture, &c., which, it has been found, is productive of deleterious results. It is well known that ordinary lead contains peculiar curative qualities. By covering the surface of the pads with sheets of lead, said pads can be used with entirely satisfactory results upon the raw and galled backs of horses.

Thus it will be seen how I have constructed a simple, durable, efficient and convenient harness saddle and pads.

What I claim is—

5 The improved harness saddle, comprising the bridge piece 1 having the rounded apex 4 and the widened ends 6 in which are formed openings or slots 7, the vertical side portions 2 of said widened ends having segmental cut-
10 away portions 8, the extreme ends of the said bridge piece beyond the openings 7 having slots 9, to which one of the belly bands or girths is to be attached, suitable pads, a loop 23 secured on each pad and projecting loosely
15 up through the adjacent opening 7 of said

bridge piece to a point above the upper surface thereof, a rein-ring 24 fixed upon the projecting portion of said loop in a plane above the upper surface of said bridge piece, and another belly band or girth 26 passed through 20 said loop beneath said rein-ring but upon the upper surface of said bridge piece, whereby the pads are perfectly free at all times to rock, substantially as herein specified.

In testimony whereof I affix my signature 25 in presence of two witnesses.

THOMAS J. REAMY.

Witnesses:

E. E. LONGAN,
JNO. C. HIGDON.