No. 672,345. Patented Apr. 16, 1901.

T. B. ASHFORD.

HARNESS SADDLE.

(Application filed Nov. 20, 1900.)

(No Model.)

Fig. 1.

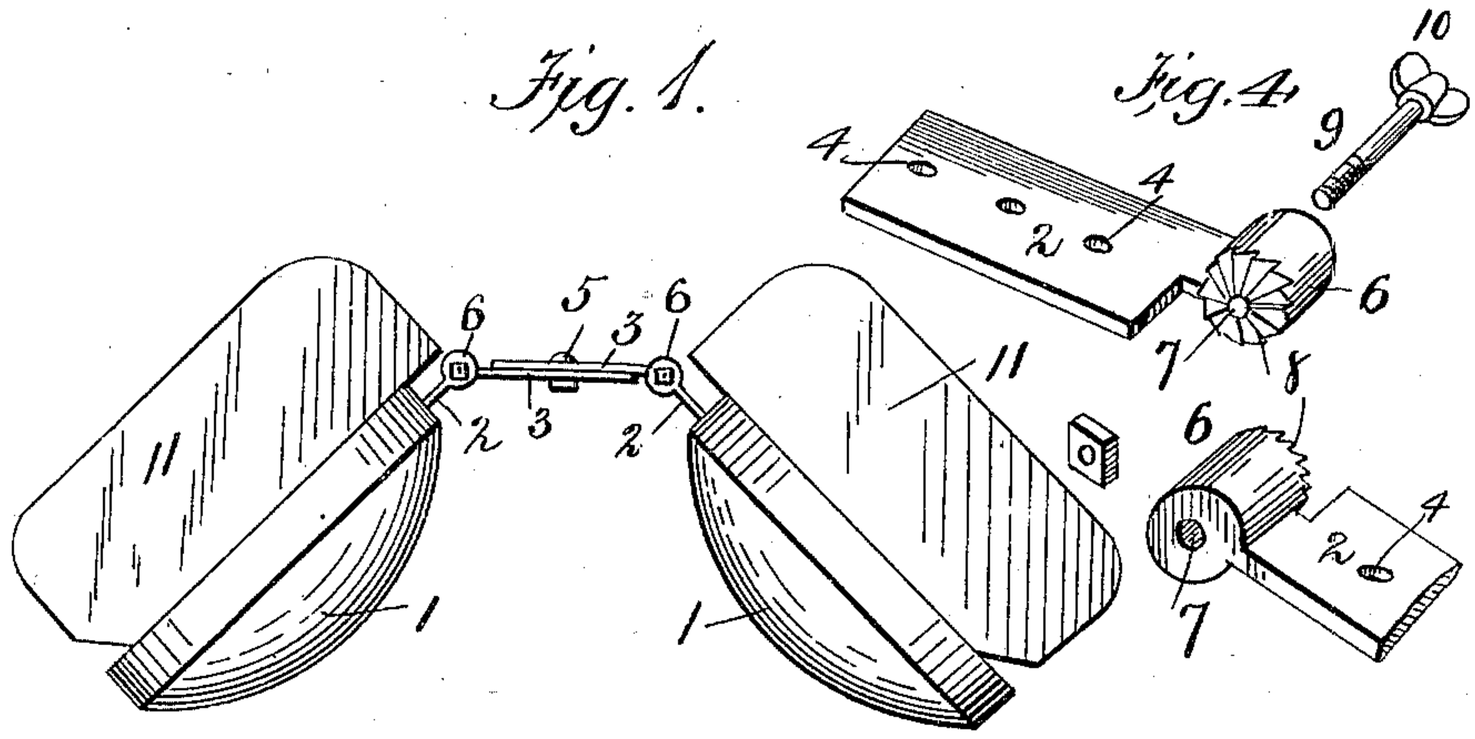

Fig. 4.

Fig. 2.

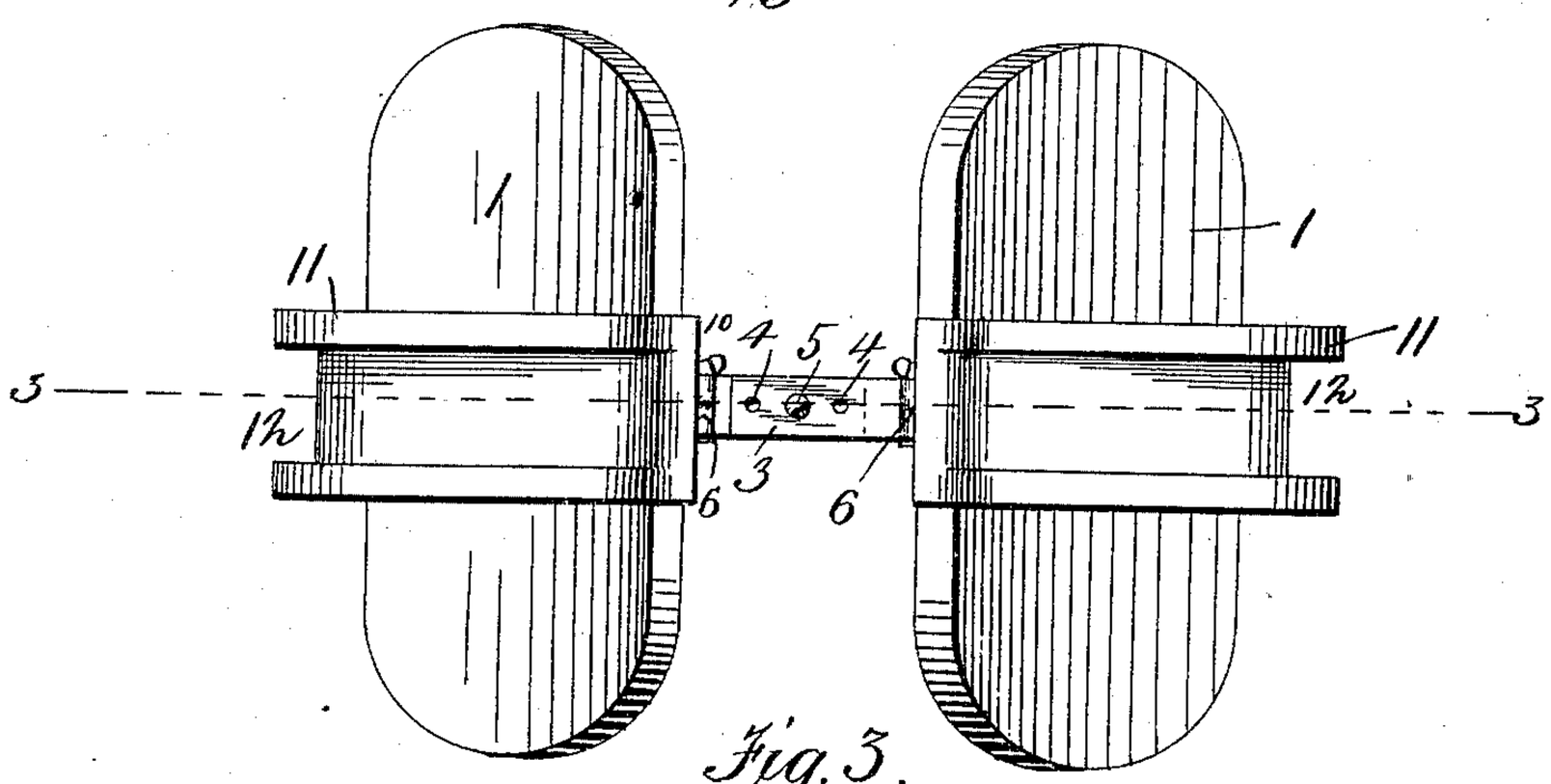

Fig. 3.

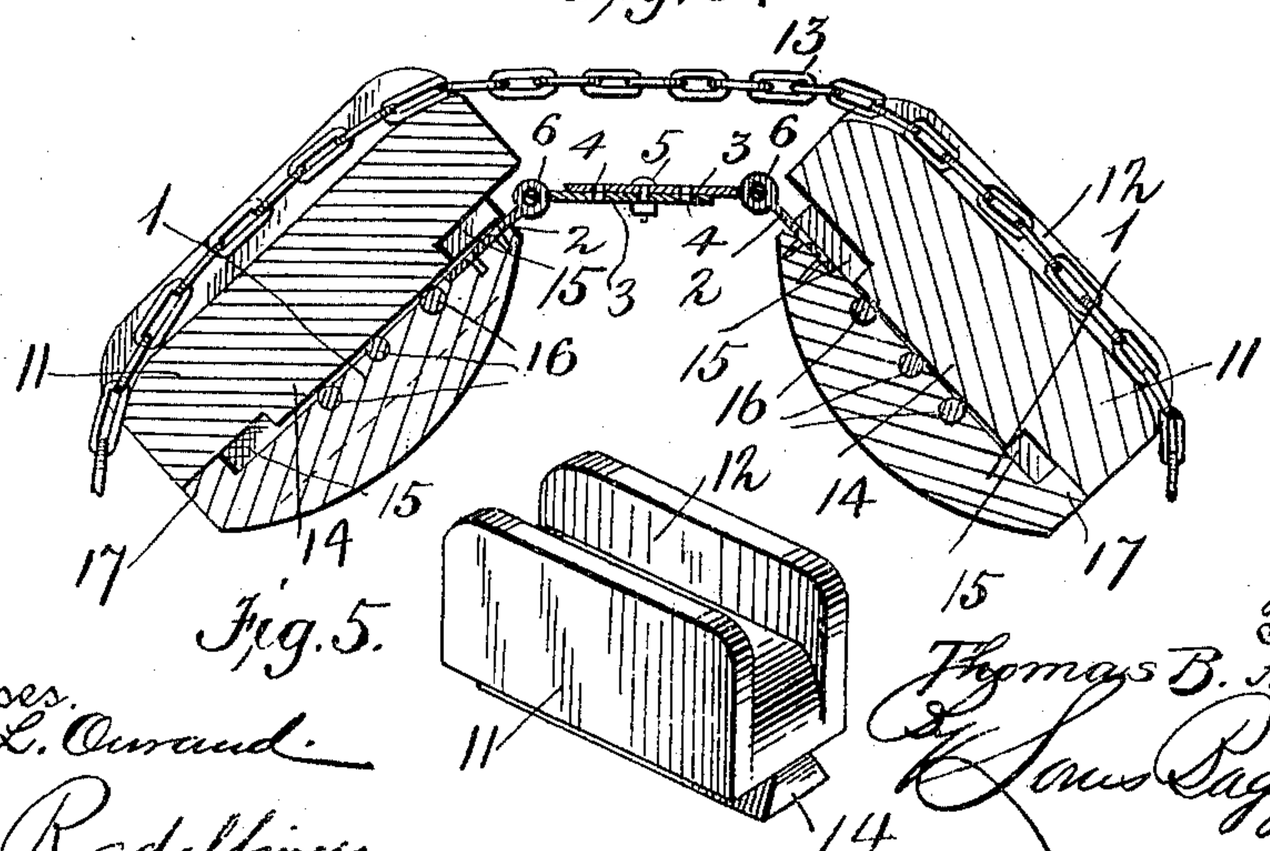

Fig. 5.

Witnesses.
Franck L. Durand.
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UNITED STATES PATENT OFFICE.

THOMAS B. ASHFORD, OF KINSTON, NORTH CAROLINA, ASSIGNOR TO CHARLES W. BLANCHARD AND HENRY D. HARPER, SR., OF SAME PLACE, AND EDWIN B. ISLER, OF JONES COUNTY, NORTH CAROLINA.

HARNESS-SADDLE.

SPECIFICATION forming part of Letters Patent No. 672,345, dated April 16, 1901.

Application filed November 20, 1900. Serial No. 37,161. (No model.)

To all whom it may concern:

Be it known that I, THOMAS B. ASHFORD, a citizen of the United States, residing at Kinston, in the county of Lenoir and State of North Carolina, have invented new and useful Improvements in Adjustable Saddles, of which the following is a specification.

My invention relates to harness-saddles; and the object of the same is to produce a device of this character which will be provided with means for relieving the saddle of the strain resulting from the chafing of the chains thereon and that rocking motion so injurious to the horse's back thereby prohibited. The novel construction designed by me, by which this object is attained, is fully described and claimed in this specification and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is an end view of my improved saddle. Fig. 2 is a plan view of the same. Fig. 3 is a section on the line 3 3, Fig. 2. Fig. 4 is a detail of one of the hinges. Fig. 5 is a perspective of one of the bearing-blocks.

Like numerals of reference designate like parts in the different views of the drawings.

The numeral 1 designates the pads of my saddle, which pads are rounded on their under faces in the usual manner.

In order to make up the saddletree, arms 2 are secured centrally the upper edges of the saddle and are hinged to straps 3. The straps 3 are each provided with a series of apertures 4, which are constructed to register. By inserting a bolt 5 through two of the holes 4 the straps 3 are firmly clamped together. The width of the tree may be changed by choosing different pairs of the holes and a wide range of adjustment thereby obtained. The hinges which connect the arms 2 and the straps 3 are each composed of two members 6, apertured at 7 and provided with radially-ribbed faces 8. A bolt 9, fitted with a thumb-screw 10, serves to clamp the faces 8 together, but permits them to be adjusted relatively to each other and the angle of the tree changed to suit the contour of the horse's back.

Mounted transversely of the pads 1 are bearing-blocks 11, which blocks are grooved at 12 to accommodate the back-chains 13, and each has an integral dovetailed foot 14 thereon. By means of these feet 14 the blocks 11 are slidingly mounted in dovetailed grooves 15. Rollers 16, seated in the bottom of the groove, serve to lessen the friction of the blocks 11 against the pad 1. By this construction the chafing motion of the chains 13 is taken up by the blocks and the rocking of the saddle prevented. The grooves 15 do not extend clear across the pads, as integral portions 17 remain, which serve to limit the movement of the blocks 11 therein.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

Having described my invention, what I claim as new, and wish to secure by Letters Patent, is—

A harness-saddle comprising the pads having dovetailed grooves therein, bearing-blocks slidingly mounted and having dovetailed feet thereon fitting said dovetailed grooves, and rollers seated in said grooves.

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

THOMAS B. ASHFORD.

Witnesses:
BENNETT S. JONES,
L. L. BURKET.