

(No Model.)

3 Sheets—Sheet 1.

C. BARTH.
RIDING SADDLE.

No. 423,302.

Patented Mar. 11, 1890.

Fig. 1.

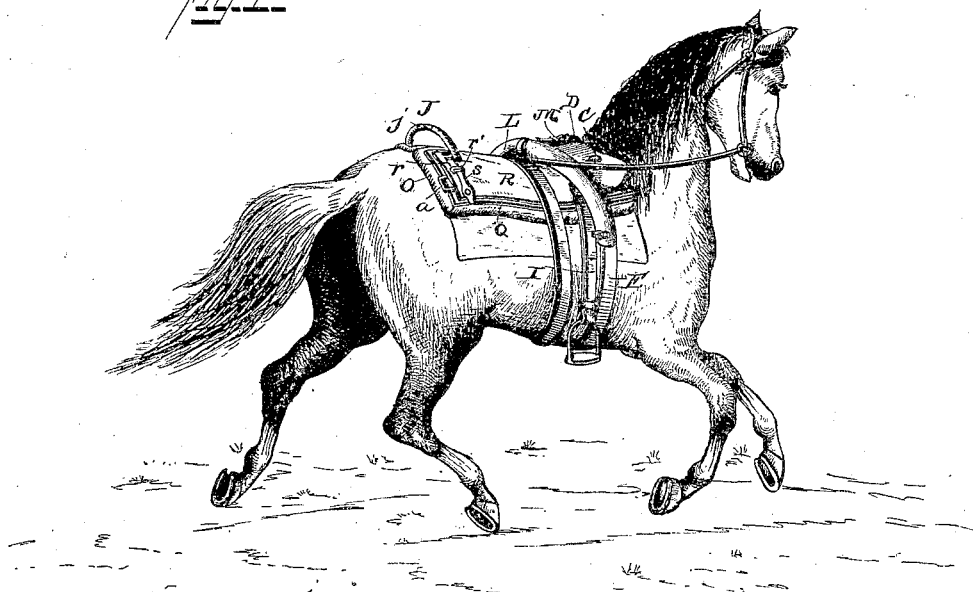


Fig. 2.

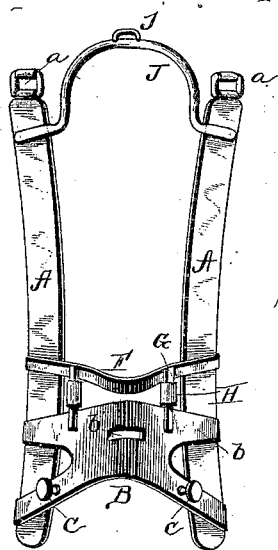
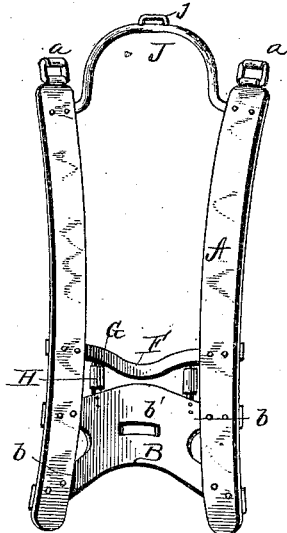


Fig. 3.



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Fig. 4.

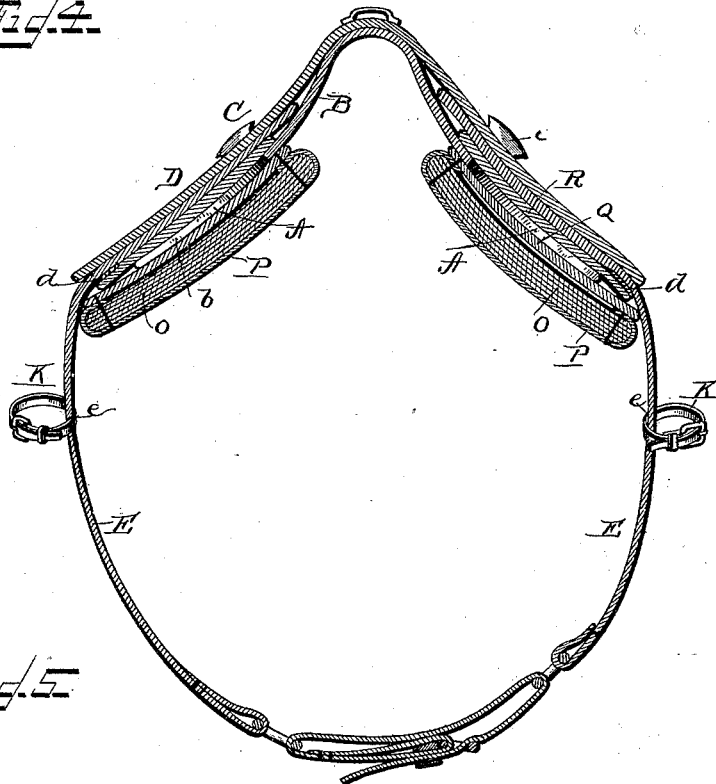
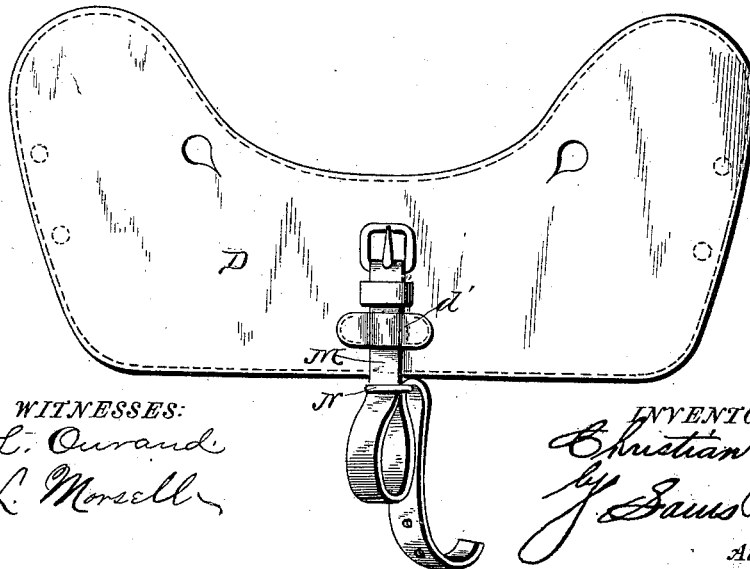


Fig. 5.



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Fig. 5.

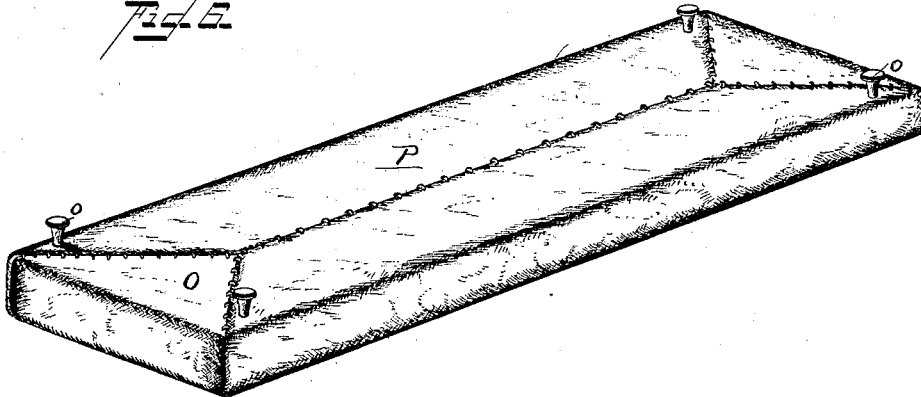


Fig. 7.

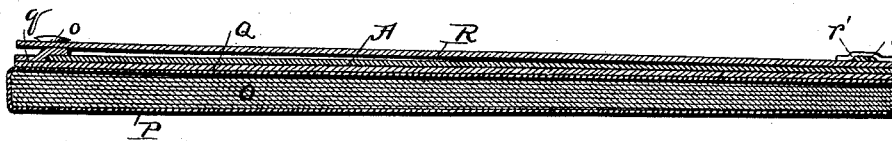


Fig. 8.

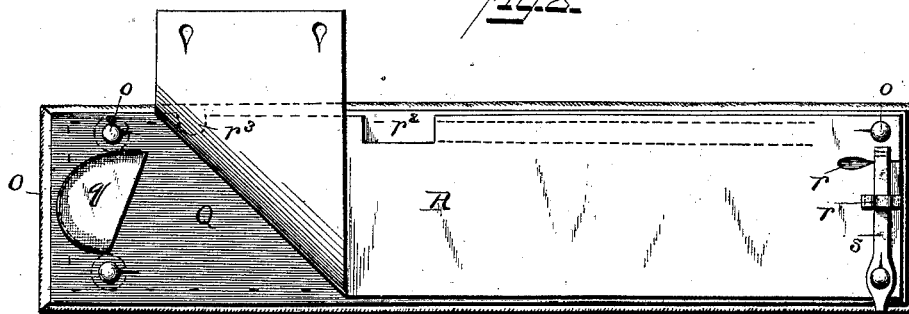
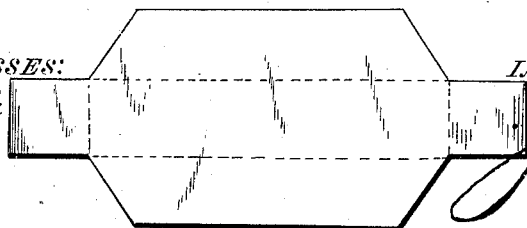


Fig. 9.



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UNITED STATES PATENT OFFICE.

CHRISTIAN BARTH, OF HØRSHOLM, DENMARK.

RIDING-SADDLE.

SPECIFICATION forming part of Letters Patent No. 423,302, dated March 11, 1890.

Application filed November 18, 1889. Serial No. 330,700. (No model.)

To all whom it may concern:

Be it known that I, CHRISTIAN BARTH, a subject of the King of Denmark, and a resident of Hørsholm, in the Province of Zealand and Kingdom of Denmark, have invented certain new and useful Improvements in Saddles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side elevation showing my improved saddle properly adjusted upon the back of a horse. Fig. 2 is a top plan view of the saddle-tree. Fig. 3 is an inverted plan view of the same. Fig. 4 is a cross-sectional view of the complete device. Fig. 5 is a plan view of the pommel-cover. Fig. 6 is a detail view of the bolster or padding. Fig. 7 is a longitudinal section taken through one of the bolsters and side bars. Fig. 8 is a detail view in plan of the bolster and covers; and Fig. 9 is a plan-view of the bolster-cover P.

Like letters of reference denote like parts throughout the several views.

My invention has relation to improvements in saddles; and it consists in providing a device of such construction as to combine safety with comfort and convenience to the horseman, as well as preventing friction and rubbing of the animal; and with these and other ends in view it consists in the improved construction and combination of parts, as hereinafter more fully set forth and described.

Referring to the drawings forming part of this application, the letters A A represent the side bars of the saddle, said bars being provided at their rear ends with thong-loops *a a*, by means of which thongs or straps may be attached for the purpose of securing articles to the saddle.

The letter B represents the pommel of the saddle, which has its ends *b b* bifurcated, the arms formed thereby being riveted or otherwise suitably secured to the side bars. Each of the forward ones of these arms is also provided with buttons C C, by means of which the pommel-cover D and the fore girths E E are attached. Slightly to the rear of the pommel is an arch-shaped piece F, having its

ends suitably riveted to the side bars, said piece having the function of adding strength to the saddle-tree. Connecting this arch-shaped piece with the pommel on each side are transverse bars G G, the ends thereof being flat and riveted, and having central rounded portions provided with anti-frictional rollers H H. These cross-bars form holders for the stirrup-straps I I. The rear ends of the side bars are connected by means of a cantle J, the upper curved portion thereof being provided with a loop *j* for the reception of a thong or strap, which may be employed in addition to the straps secured to the ends of the side bars for the purpose of securing articles to the saddle.

The fore girths E, as previously stated, are connected to the pommel of the saddle by means of the buttons thereof engaging button-holes in said fore girths, and the latter are further provided with elongated slits or openings *e e*, through which straps K K are passed.

The pommel-cover D is made to conform to the shape of the pommel, and is provided at each end, upon the under side, with leather keepers or strap-loops *d d*, through which the fore girths pass. This cover is secured to the pommel by buttoning the same thereto, as clearly shown.

The letter L represents a cushion-roll, which is secured in place immediately to the rear of the pommel by means of a strap or thong M, the buckle portion thereof passing through a keeper or strap-loop *d'* upon the pommel-cover, while the opposite end of the strap is drawn through a metallic loop N, whereby the strap is looped tightly around the cushion-roll, and then passed through a transverse slot *b'* in the pommel, and finally secured to the buckle. The ends of this cushion-roll are held in proper place by means of the straps K K, passing through the slits in the fore girths. This cushion-roll prevents injury to the rider when forcibly thrown forward by a sudden start of the horse or otherwise, as it prevents his body from coming in violent contact with the pommel.

The bolsters or padding O O are arranged obliquely or at an incline, with an intervening space between, thus providing an easier and more agreeable seat, and thereby adding to the comfort of the rider and bringing him

as close as possible to the animal. These bolsters are made of oblong form and composed of a series of thick strips of woolen horse-cloth, preferably six in number, as clearly shown in the drawings. To these are fastened some shorter pieces of the same breadth, but of varying lengths, so as to elevate the saddle slightly in the front portion thereof. The covers P P for these strips are made of woolen cloth and of the shape, when not folded, as indicated in Fig. 9 of the drawings. These bolsters or pads are also provided at each end with buttons *o o*, which also extend through the leather outer coverings Q Q. These latter are provided at their forward ends with pockets *q q*, into which the forward ends of the side bars fit, and are retained in proper position. To these coverings Q Q are attached auxiliary leather flaps R R, which are secured permanently at their upper edge by two seams, thus leaving the ends and lower edges free. Two button-holes are located at each end, adapted to engage the buttons of the bolsters or pads, and their rear ends are also provided with slits *r r*, which fit around the ends of the cantle, and also provided with straps S S, passing through keepers *r' r'*, their free ends being secured to the lower buttons. These flaps are provided toward their forward ends with square notches *r² r²*, which fit neatly around the stirrup-supports, and are also provided with rounded notches *r³ r³*, fitting around the buttons of the pommel. It will thus be seen that the side bars of the saddle fit between the leather coverings and the flaps of the bolsters, and by providing the buttons for retaining these two pieces together the bars are securely held in place, and at the same time means are provided for readily removing the bars whenever it may be found desirable to do so. In fact, by the construction herein shown and described the entire saddle may be dismantled with but a minimum of trouble and labor being necessary.

The fore girths E, I prefer to construct of two separate straps attached to the pommel, as previously described, and having the ends thereof provided with loops, by means of which a third strap may be attached. The saddle is further secured to the animal by means of the middle and hind girths.

Having thus fully described the construction of my improved saddle, I will now point out the advantages of the same.

It will be seen that the saddle rests easily and firmly upon the animal's back, the only portions thereof coming directly in contact being the bolsters or pads, whereby friction is almost entirely prevented; further, it provides an easy and very agreeable seat for the horse-man, and is little liable to work forward, as is usual with saddles of the ordinary construction; further, it brings the rider closely to the back of the animal, whereby he is able to follow the movements of the horse; further, the weight of the saddle is much less

than those ordinarily in use; and, furthermore, it possesses the advantages of inexpensiveness of production, can be readily taken apart, and is exceedingly simple of construction.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a riding-saddle, the combination, with a saddle-tree consisting of the side bars, pommel, and cantle, said side bars having an intervening space between the same, of the arch-shaped piece located to the rear of the pommel and having its ends riveted to the side bars, and the bars for connecting the arch-shaped piece with the pommel, substantially as set forth.

2. In a riding-saddle, the combination, with a saddle-tree consisting of the side bars, pommel, and cantle, said side bars having an intervening space between the same, of an arch-shaped piece located to the rear of the pommel and having its ends riveted to the side bars, cross-pieces provided with central rounded portions having anti-frictional sleeves thereon, said cross-pieces connecting the arch-shaped piece with the pommel, and stirrup-straps adapted to rest in the rolls, substantially as set forth.

3. The combination of side bars, a cantle, a pommel connecting the forward ends of said side bars, said pommel being provided with buttons, fore girths secured to said buttons, and a pommel-cover provided upon opposite ends on the under side with strap-loops or keepers, and also having button-holes for securing the same to the pommel, substantially as set forth.

4. The combination of the side bars, the cantle, the pommel connecting the forward ends of said side bars, said pommel being provided with buttons and also having a central transverse slot, the fore girths secured to said buttons and provided with slits, the straps or thongs passing through said slits, the cushion-roll, the pommel-cover provided on its upper face with a keeper or strap-loop, and a strap for holding said cushion-roll in position, having the buckle end thereof passing through the keeper upon the pommel-cover and the other end passing through the transverse slot of the pommel and secured to the buckle, substantially as set forth.

5. The combination, with the bolsters or pads provided with end buttons, the outer leather coverings, the flaps seamed at the upper edges to said coverings so as to leave the ends and lower edges thereof free, the rear ends of said flaps being provided with slits and also provided with straps adapted to be secured to the buttons of the bolsters, of the saddle-tree consisting of the side bars, pommel, and cantle, said side bars fitting between the leather coverings and the flaps of the bolsters, substantially as set forth.

6. The combination, with the bolsters or pads provided with end buttons, the outer

leather coverings provided on their forward ends with pockets; the flaps seamed at the upper edges to said coverings so as to leave the ends and lower edges thereof free, the rear ends of said flaps being provided with slits and also provided with straps adapted to be secured to the buttons of the bolsters, of the saddle-tree consisting of the side bars, pommel, and cantle, said side bars fitting between the leather coverings and the flaps of the bolsters and having their forward ends entering the pockets of the leather coverings, substantially as set forth.

7. The combination of the side bars provided on their rear ends with thong-loops, the pommel having bifurcated ends riveted or otherwise secured to the side bars and provided with buttons, the cantle provided with a thong-loop, the cushions disposed beneath the side bars and provided with end

buttons, the leather coverings provided with pockets for the reception of the forward ends of the side bars, the flaps secured to said leather coverings, said flaps being provided with rear slits and also provided with straps adapted to be secured to the buttons of the bolsters, the fore girths secured to the buttons of the pommel, and the pommel-cover likewise secured to said buttons and provided upon its under side with keepers or strap-loops, through which the fore girths pass, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

CHRISTIAN BARTH.

Witnesses:

PETER OLSØN,
A. BARTH HUDBEY.