Oct. 14, 1952 L. F. BRYANT 2,613,723

SADDLE ATTACHMENT FOR CYCLE SEATS

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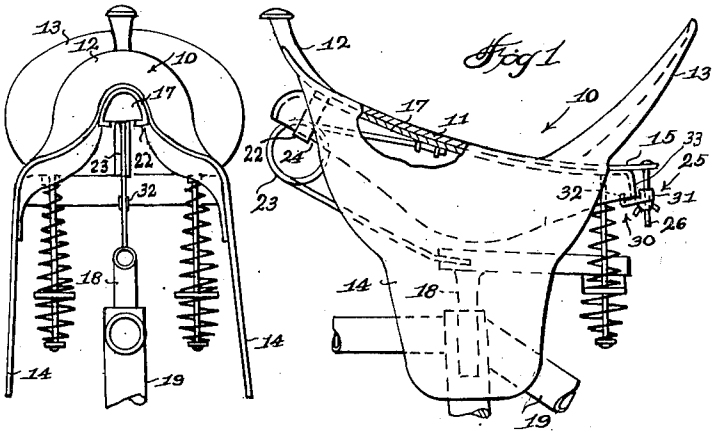


Fig. 1.

Fig. 2.

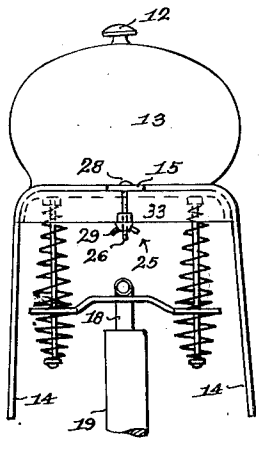


Fig. 3.

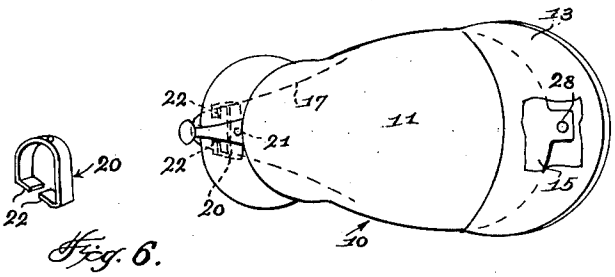


Fig. 4.

Fig. 6.

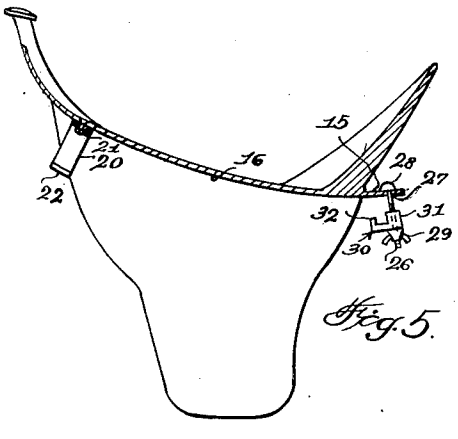


Fig. 5.

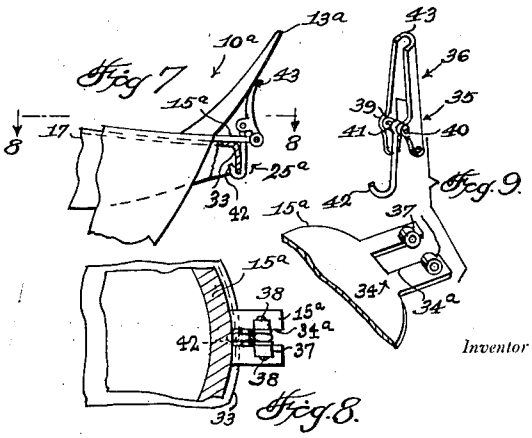


Fig. 7.

Fig. 8.

Fig. 9.

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SADDLE ATTACHMENT FOR CYCLE SEATS

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6 Claims. (Cl. 155—5.23)

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This invention relates to a novel saddle attachment simulating a saddle of the type used for horseback riding and which is especially constructed for attachment to and detachment from a seat or saddle of a tricycle or bicycle or similar vehicle and which is especially adapted for use by children.

More particularly, it is an aim of the present invention to provide a structure simulating a saddle used for riding horseback and which may be readily secured to and removed from a cycle seat or saddle and which will be securely held in an applied position to prevent the attachment from slipping out of engagement with the cycle seat or saddle.

Another object of the invention is to provide a simulated horseback saddle having mounting means enabling it to be secured to cycle seats or saddles of different sizes and shapes and to effectively retain the saddle in an applied position.

Various other objects and advantages of the invention will hereinafter become more fully apparent from the following description of the drawing, illustrating presently preferred embodiments thereof, and wherein:

Figure 1 is a side elevational view, partly in section showing the invention in an applied position;

Figure 2 is a front elevational view thereof looking from left to right of Figure 1;

Figure 3 is a rear elevational view of the same looking from right to left of Figure 1;

Figure 4 is a top plan view, partly broken away, of the invention;

Figure 5 is a longitudinal sectional view thereof, partly in side elevation;

Figure 6 is a perspective view of one element of the invention;

Figure 7 is a fragmentary side elevational view, partly in section illustrating the modification of the invention as disclosed in Figures 1 to 5;

Figure 8 is a fragmentary horizontal sectional view taken substantially along a plane as indicated by the line 8—8 of Figure 7; and

Figure 9 is an exploded perspective view of portions of the modified structure, as illustrated in Figures 7 and 8, and on an enlarged scale.

Referring more specifically to the drawing, and first with reference to Figures 1 and 6, the simulated horseback saddle comprising the invention is designated generally 10 and as illustrated in the drawing is shaped to simulate a western saddle; however, it will be understood as the description proceeds that the attachment 10 could be shaped

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to simulate other types of horseback saddles. The saddle attachment 10 may be formed of metal, rubber, plastic, leather, imitation leather or other suitable material and may be either substantially rigid or relatively flexible. The saddle attachment as illustrated includes a saddle tree portion 11, a horn or pommel 12, a cantle 13, knee and thigh puffs or sudaderos 14 and a back jockey portion 15. The parts may be formed integral or suitably secured together and if the saddle attachment 10 is formed of a flexible or relatively flexible material, the back jockey or flange 15 is suitably rigidified or is formed of a rigid material. The under side of the saddle tree 11, designated 16, is of a proper size and shape to fit around the upper side of a conventional cycle seat or saddle 17, on which the saddle member 10 is supported, with the puffs or sudaderos 14 extending downwardly on each side of the cycle saddle 17 and below the saddle supporting post 18 and so that a portion of the upper part of the cycle frame 19 will be disposed between said puffs or sudaderos.

A front attaching member 20 of inverted U-shape is disposed adjacent the forward end of the under surface 16 of the saddle tree 11, beneath the pommel 12 and is suitably secured to the simulated saddle 10 in any suitable manner as by means of a fastening 21 which extends through the intermediate or bight portion of the front attaching member 20 and which is anchored in a portion of the saddle tree or pommel. The downwardly extending legs of the attaching member 20 are disposed in the forward portion of the under side of the saddle tree in transversely spaced relationship to one another and are provided with inturned terminals 22 which terminate in spaced apart relationship to one another so that said terminals may straddle a front spring 23 of the cycle seat 17. In applying the simulated saddle 10 it is positioned on a cycle seat 17 forwardly of its position of Figure 1 and is then slid rearwardly or from left to right so that the terminals 22 of the front attaching member 20 will straddle a front spring 23 and will engage under the bottom edges of the forward portion of the cycle seat 17. The said bottom edges 24 of the substantially rigid side of the cycle seat 17 are disposed in rearwardly diverging relationship to one another so that as the simulated saddle 10 is displaced rearwardly or from left to right relatively to the cycle seat 17 the forward end of the seat 17 will be wedged between the legs of the front attaching member 20 and with the terminals 22 disposed under the bottom edges

24, said simulated saddle 10 will thus be securely fastened at its forward end to the seat 17.

The rear end of the simulated saddle 10 is adjustably and detachably secured to the rear end of the seat 17 by an attaching unit, designated generally 25 including a bolt 26 which extends downwardly through an opening 27 in the back jockey 15 and which has a head 28 resting on the upper side of the back jockey 15. A wing nut 29 detachably and threadedly engages the lower end of the bolt 26 and supports a hook 30 thereon having a sleeve portion 31 at its shank end which slidably and turnably engages the bolt 26 and which rests on the nut 29, and an upstanding bill portion 32 which is disposed substantially parallel to the sleeve 31. By backing off the nut 29, the hook 30 can be engaged under the bottom edge of the depending rear wall 33 of the cycle seat 17 and so that the bill portion 32 will be disposed on the inner side thereof and the sleeve portion 31 on the outer side of said wall 33. The nut 29 is then tightened for drawing the back jockey 15 downwardly to bring the under surface 16 of the saddle tree 11 into tight fitting engagement with the upper surface of the seat 17. It will also be apparent that the rear attaching unit 25, when the nut 29 is tightened, will not only effectively prevent the rear end of the simulated saddle 10 from swinging upwardly but will also prevent it from being displaced forwardly or from right to left of Figure 1 to thereby effectively function with the front attaching unit 20 to secure the simulated saddle 10 rigidly upon the cycle seat 17.

When thus applied, as illustrated in Figures 1 to 3, the simulated saddle 10 may be utilized with the cycle seat 17 and the cycle of which it forms a part, not shown, for forming an effective simulation of a horseback saddle to be used by children who may ride a bicycle or tricycle seated upon the simulated western saddle 10 thus effectively increasing the amusement and pleasure which may be derived from the use of a bicycle or tricycle.

Figures 7, 8 and 9 illustrate a slightly modified form of the invention wherein the simulated horseback saddle 10*a* corresponds with the saddle 10 except that the back jockey 15*a* is slightly modified to accommodate a different type of rear attaching unit, designated generally 25*a*. As best seen in Figures 8 and 9, the rear jockey 15*a* is provided with a rearwardly extending bifurcated portion 34 defining a slot 34*a* to accommodate therein the bifurcated lower end 35 of a lever 36. The furcations of the bifurcated lever portion 35 are disposed substantially parallel and the terminals thereof are disposed between a pair of ears 37 of the furcations of the bifurcated portion 34*a* and each of said lever terminals is connected to its adjacent ear by a pivot pin 38. The furcations of the lever portion 35 are provided intermediate their ends with aligned ears 39 to accommodate a pin 40 which extends therebetween and loosely through an eye 41 which is disposed between the ears 39 and which is formed on the shank end of a hook 42. The upper handle portion 43 of the lever 36 is adapted to be swung downwardly and outwardly on the pivot 38 so that after the forward end of the saddle 10*a* has been engaged with the cycle seat 17, as previously described in reference to the saddle 10, the hook 42 can be positioned to engage around the bottom edge of the rear wall 33. The lever end 43 is then swung upwardly and forwardly in a counterclockwise direction on its pivots 38 toward the

forward end of the saddle 10*a* to a position behind and adjacent the cantle 13*a*, and in so moving the shank of the hook 42 will enter the slot 34*a* and pass across the axis of the pivots 38 so that the rear attaching unit 25*a* will thus be retained in its operative position of Figure 7 and with the lever handle 43 bearing against the rear side of the cantle 13*a*, to cooperate with the front attaching means, as illustrated in Figures 1 to 5, for detachably fastening the simulated saddle 10*a* to the seat 17 and for securing it rigidly thereon.

Various modifications and changes are contemplated and may obviously be resorted to, without departing from the spirit or scope of the invention as hereinafter defined by the appended claims.

I claim as my invention:

1. A simulated horseback saddle attachment for a cycle seat adapted to be disposed on and supported by a cycle seat, said saddle simulating a horseback saddle and having a front attaching means connected to an underside of a forward part thereof and adapted to detachably engage beneath opposite sides of a front part of a cycle seat, and a rear attaching means adjustably connected to and depending from a rear part of the saddle and adapted to detachably engage beneath a rear portion of the cycle seat for detachably securing the saddle immovably on the seat.

2. The combination with a cycle seat, of a simulated horseback saddle disposed over and supported by the cycle seat, said saddle having a front attaching means secured thereto and engaging under bottom edges of front portions of rearwardly diverging side walls of the seat for securing the front end of the saddle thereto, and a rear attaching means connected to and depending from a rear portion of the saddle and including a hook engaging under a bottom edge of a rear wall of the seat and combining with said front attaching means for securing the saddle rigidly on the seat.

3. A saddle as in claim 2, said rear attaching means including a bolt extending downwardly from and anchored to the rear portion of the saddle and disposed behind the rear wall of the seat, said hook having a sleeve slidably engaging said bolt, and a nut threadedly engaging the lower end of the bolt and bearing against the lower end of said sleeve for supporting the hook in engagement with the bottom edge of the rear wall of the seat.

4. A saddle as in claim 2, said rear attaching means including a lever pivotally connected to the rear end portion of said saddle for swinging movement in a vertical plane, said hook having a shank end pivotally connected to the lever and swingable therewith across the plane of the bottom edge of said rear wall and the axis on which the lever is pivotally mounted for retaining said hook portion in an engaged position or for displacing the hook portion downwardly to a disengaged position.

5. A saddle as in claim 2, said front attaching means comprising an arch shaped member secured to the inner side of the front portion of the saddle and engaging over the front part of the cycle seat, said arch shaped member having inturned terminals engaging under the bottom edges of the rearwardly diverging side walls of the seat, said front attaching member being slidable longitudinally of the seat with the saddle into and out of engagement with the seat.

6. A saddle as in claim 2, said saddle simulating a western saddle and including a saddle tree, a horn, a cantle, a back jockey and knee and thigh puffs, said rear attaching means being connected to said back jockey and disposed beneath the cantle, said front attaching means being disposed beneath the horn, and said knee and thigh puffs extending downwardly on opposite sides of the seat substantially below the bottom edges of the side walls thereof.

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