No. 673,207. Patented Apr. 30, 1901.

F. S. HUBER.

SEAT ATTACHMENT FOR BICYCLES.

(Application filed Aug. 13, 1900.)

(No Model.)

Fig. 1.

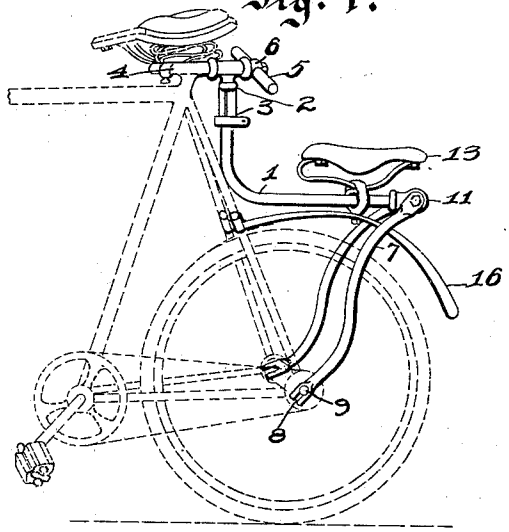


Fig. 2.

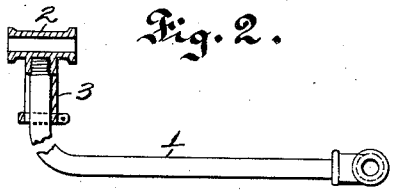


Fig. 3.

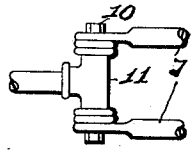


Fig. 4.



Fig. 5.

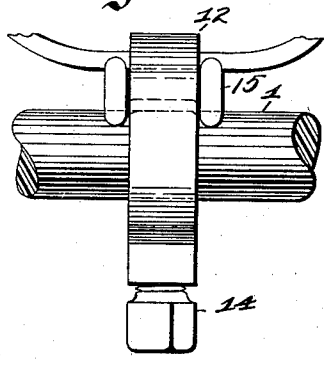
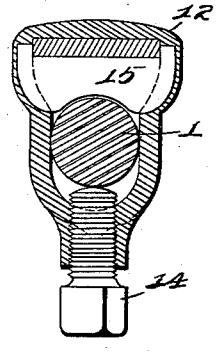


Fig. 6.



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UNITED STATES PATENT OFFICE.

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SEAT ATTACHMENT FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 673,207, dated April 30, 1901.

Application filed August 13, 1900. Serial No. 26,685. (No model.)

To all whom it may concern:

Be it known that I, FRANK S. HUBER, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Seat Attachments for Bicycles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

This invention relates to seat attachments for bicycles; and it consists of the novel construction, combination, and arrangement of parts hereinafter shown, described, and claimed.

Figure 1 is a view showing my improved seat attachment secured in an operative position. Fig. 2 is a detail view of the supporting-bar. Fig. 3 is a view showing the manner in which the supporting-bar is connected to the supporting-arms. Fig. 4 is a view showing one of the supporting-arms detached. Figs. 5 and 6 are detail views showing the manner in which the seat is held upon the supporting-bar.

Referring to the drawings, 1 indicates an angled supporting-bar the lower member of which occupies a horizontal position above the rear wheel of the bicycle and the upper member of which projects vertically and is connected at its upper extremity with a T-casting 2, in which it is adjustably held by means of the locking-clip 3, by means of which the supporting-bar may be retained in one position regardless of the elevation of the front seat of the bicycle. Since the vertical portion of the bar 1 must vary more or less from the perpendicular as it is raised or lowered and the T-casting is rigid with the seat-support, it follows that the vertical projection of the T-casting must be enlarged in order to receive the projection of the bar when it is out of the perpendicular. To permit such adjustment, one side of the vertical portion of the T-casting is provided with a slot which permits it to be opened or enlarged sufficiently to receive the end of the bar. After the end of the bar has been inserted into the T-casting the clip 3 is tightened, which draws the T-casting close around the end of the bar, and thereby holds the different parts together. The T-casting 2 is secured to the seat-support 4 and carries on its rear end a handle-bar 5, the purpose of which is to be engaged by the person occupying the rear side of the bicycle. The handle-bar 5 is supported within a suitable support 6, which may be threaded into or otherwise secured to the rear end of the T-casting 2.

7 indicates the supporting-arms, one of which is carried on either side of the rear wheel of the bicycle, their lower ends being provided with slots 8, which engage over the axial bolt 9, and their upper ends are pivoted to the rod 10, carried within the T-casting 11, the same being secured to the rear end of the supporting-bar 1.

Mounted over the supporting-bar 1 is a seat-support 12, connected to which is the seat 13, the said seat-support being rigidly held in any position in which it may be adjusted by means of the set-screw 14, the same being threaded through the under side of the support 12 and engaging against the lower side of the supporting-bar 1 and forcing the supporting-bar against the blocks 15, carried in any suitable manner by the spring of the seat 13.

16 indicates a guard which may be supported by means of the set-screw 14, but, if preferred, may be omitted.

In use the device is attached as shown in Fig. 1, the upper portion of the supporting-bar 1 being engaged within the lower portion of the T-casting 2, in which it is held by means of the clip 3. The slots 8 in the lower ends of the supporting-arms 7 are then engaged over the projecting ends of the axial bolt 9. The device is then in position for use, and the handle-bar 5 is attached by connecting the fastening device 6 to the rear end of the T-casting 2.

The attachment may be easily and quickly attached or removed from the bicycle, and when in position affords a means for carrying a second person on a bicycle of ordinary construction.

I claim—

1. A seat attachment, consisting of the T-casting 2 secured to and moving with the usual seat-support, and provided with a slot in its vertical portion, the handle 5 carried by the rear projection of said support, the angled bar 1 having its upper end within the lower projection of the T-casting and being adapted to be adjusted at different elevations,

a locking-clip for holding it therein, and the supporting-rods 7 for upholding the rear end of the angled bar 1, substantially as specified.

2. A seat attachment, consisting of the T-casting 2 secured to and moving with the usual seat-support, the handle 5 carried by the rear projection of said support, the angled bar 1 having its upper end connected to the lower projection of the T-casting and being adapted to be adjusted at different elevations, a locking-clip 3 for holding the angled bar within the T-casting, the supporting-rods 7 for upholding the rear end of the angled bar 1, and an adjustable seat-support 12 carried by the said angled bar 1, substantially as specified.

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

FRANK S. HUBER.

Witnesses:

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JOHN D. RIPPEY.