

J. M. GWINNELL.  
Gig-Saddle.

No. 198,609.

Patented Dec. 25, 1877.

Fig. 1.

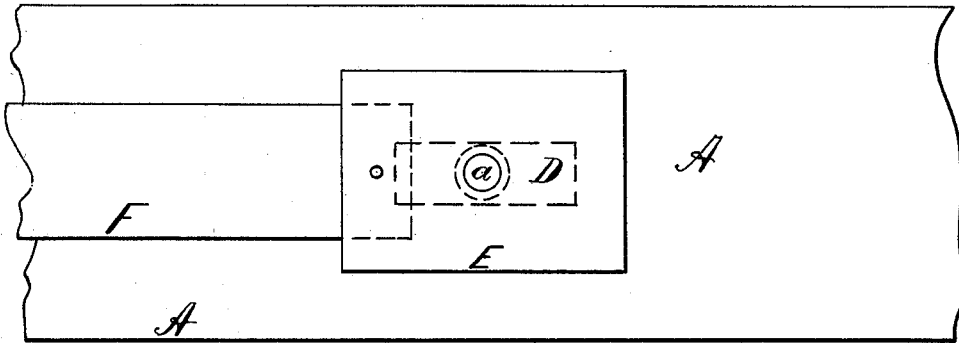


Fig. 2.

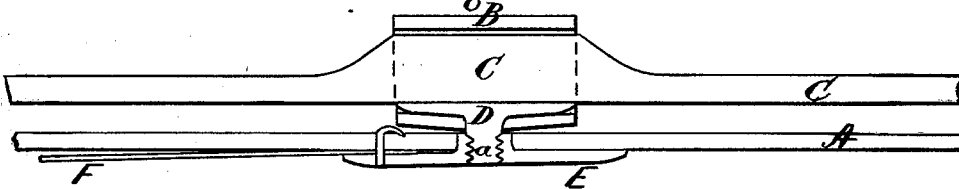


Fig. 3.

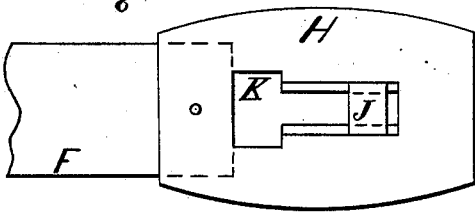


Fig. 5.

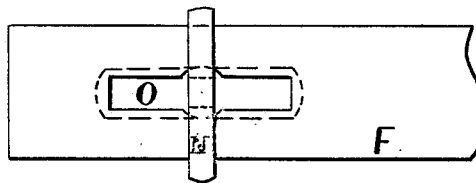


Fig. 4.

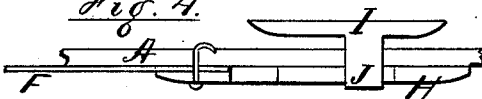
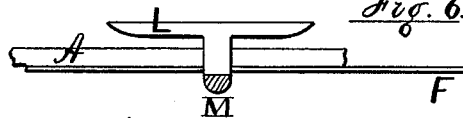


Fig. 6.



Attest:

P. J. Inslee.

A. D. Wagner.

Inventor.

John M. Gwinnell.

By O. Drake, Atty.

# UNITED STATES PATENT OFFICE.

JOHN M. GWINNELL, OF NEWARK, NEW JERSEY, ASSIGNOR OF ONE-HALF HIS RIGHT TO JACOB HUBER, OF SAME PLACE.

## IMPROVEMENT IN GIG-SADDLES.

Specification forming part of Letters Patent No. 198,609, dated December 25, 1877; application filed November 23, 1877.

### *To all whom it may concern:*

Be it known that I, JOHN M. GWINNELL, of the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Gig-Saddles; and I do hereby declare that the following is a full, clear, and exact description thereof, 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, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to certain improvements in the manufacture of gig-saddles; and consists in so constructing the saddle that it can be sold without any back-band, and, when subsequently fitted for any style of harness, a suitable back-band attached, in the manner now to be described.

In the drawings annexed hereto I have shown three different styles or modes of carrying out my invention, the plan itself consisting in securing to the loop of the back-band a fastener of metal, which is adapted to fit into the saddle and hold the loop securely, while it is at the same time, if desired, removable, so that different styles of bands can be fitted to the same saddle. By this arrangement the inconvenience and expense necessary formerly to change a back-band are entirely obviated.

To carry out my invention I use the regular leather loop or its equivalent; but in making the loop, instead of fastening the ends under the flap of the saddle, I stitch the ends to and around the head of a T-shaped piece of metal, the cross-piece at the top being shaped so as to be easily covered by the leather, and the upright center-piece of the T being provided with a screw-thread, dovetail, or other device for securing it into the flap.

I refer, of course, in this description to round loops, as the flat ones offer no obstacle to the removal of the back-band, and the round part of the back-band is therefore inserted in the loop when the T-piece is secured thereto.

On the under side of the flap I provide a piece of metal, which, with the flap itself, is

pierced to receive the upright of the T in the loop. To hold this T-piece in the flap securely, I have devised several modes of construction, but do not limit myself to any particular form.

In Figures 1 and 2 of the drawings I have shown the T provided with a screw-thread, *a*, and the saddle fitted with a plate having a tapped hole in it to fit the thread. A is the flap; B, the loop; C, the back-band; D, the T-piece; E, the plate; and F, the stiffener of iron—usually used under the flap—I have riveted to the plate E at G.

In Figs. 3 and 4 I have shown the T provided with a dovetail, and the plate with a slot, having an opening to insert and remove the T. H is the plate. I is the T-shaped fastening. J is the dovetail. K is the opening; A, the flap, and F the stiffener.

In Figs. 5 and 6 the T-shaped piece is double, or provided at both ends with cross-pieces at right angles with one another.

Instead of a plate, I extend the stiffener beneath the loop, pierce it lengthwise with a slot, and thus secure the T-piece in the saddle, as the lower end of the T cannot be withdrawn when inserted in the slot and turned half-way around. The stem of this double T-piece being made square, and the slot of the same width, the back-band is prevented from turning off of the saddle when the T is put into the end of the slot.

In Figs. 5 and 6, A is the flap; F, the stiffener; L, the loop end of the double T-piece; M, the cross-bar at the other end of the square shank N.

The slot O in the stiffener is enlarged in width in one place, to allow the shank N to be turned.

Having thus described several modes of securing the loop and back-band to the saddle, I do not limit myself to any precise mode of effecting that object.

I am also aware that some other construction of loop may be preferred to the leather eye and T-piece of metal united thereto, and I do not, therefore, limit myself to the use of a T-piece for uniting a detachable back-band to a gig-saddle; but

What I do claim, and desire to secure by Letters Patent, is—

1. In a harness-saddle, the leather loop provided with a metallic fastening, adapting the back-band to be removed at will, all substantially as shown and set forth.

2. A leather loop provided with a T-shaped fastening, or its equivalent, as shown, adapted to be removably connected to the saddle-plate, all substantially as shown and described.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

JOHN M. GWINNELL.

Witnesses:

OLIVER DRAKE,  
P. J. INSLEE.