

Algernon Gilliam.

Imp^t in Harness Saddles.

110969

PATENTED JAN 17 1871

Fig 1.

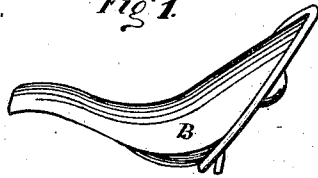


Fig: 2.

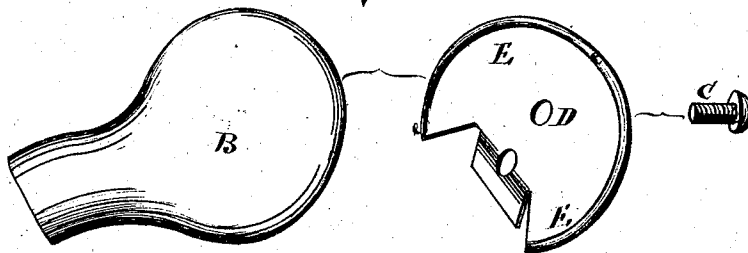


Fig: 4.

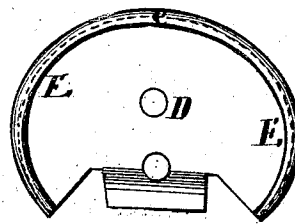
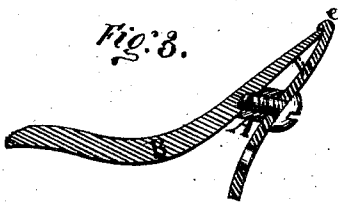


Fig: 3.



Witnesses:

Godfrey Mathias.
C. Oley Gwathkin

Inventor:

Algernon Gilliam
by R. F. James, Atty.

UNITED STATES PATENT OFFICE.

ALGERNON GILLIAM, OF PITTSBURG, PENNSYLVANIA.

IMPROVEMENT IN HARNESS-SADDLES.

Specification forming part of Letters Patent No. 110,969, dated January 17, 1871.

To all whom it may concern:

Be it known that I, ALGERNON GILLIAM, of the city of Pittsburg, county of Allegheny, and State of Pennsylvania, have invented a new and useful Improvement in Harness-Saddles; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification.

The nature of my invention consists in the construction of a metallic, gutta-percha, or other suitable backing or "cantle" for harness-saddle seats separate and distinct from the seat itself, and forming no part thereof; and the same is applied and used for a binding and finish to the saddle, imparting additional strength thereto and easily removed for the purpose of repairing the saddle-seat when deemed necessary.

Figure 1 represents a saddle seat with my improvement attached. Fig. 2 represents a saddle-seat with the backing or cantle detached. Fig. 3 represents a transverse or cross section through the center of the seat, showing the manner of fastening the backing or cantle to the seat and the flange upon the latter. Fig. 4 is a front view of the backing or cantle.

B in the several figures represents a saddle-seat, made in the usual form.

E is the backing or cantle, which may be made of various kinds of metal, gutta-percha, or other suitable material. It is made to conform in shape and configuration to the part of the saddle-seat to which it is attached, and has formed upon it a flange, *e*, which projects a

short distance above the saddle-seat, making a neat and perfect finish to the saddle.

A is a lug or projection cast upon the saddle-seat B, against which the backing or cantle rests, and secured thereto by means of a screw, C, passing through the hole D into the lug A. By this arrangement the backing or cantle can at any time be removed without injury to the saddle-seat, admitting of easy replacement, and protects the edge of the leather covering of the saddle-seat.

My present invention I consider an improvement upon that described in Letters Patent granted me April 30, A. D. 1867, No. 64,214, as it may be constructed and made at much less expense, and with more rapidity. It avoids the necessity of any "recurve," as is required in the patent referred to, and does not, consequently, cover or inclose any portion of the seat or its covering, but is simply a flanged bead projecting slightly above the seat of the saddle, making a neat finish thereto.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The removable flanged backing or cantle for harness-saddles, constructed and arranged in the manner and for the purpose herein described.

2. The combination of the saddle-seat B with its lug A, formed upon the same, backing or cantle E, and screw C, in the manner and for purpose herein described.

ALGERNON GILLIAM.

Witnesses:

B. F. JAMES,
EDM. F. BROWN.