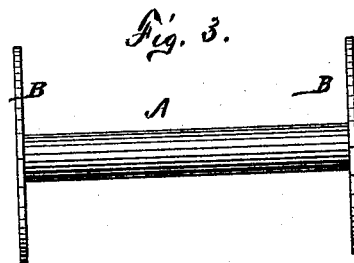
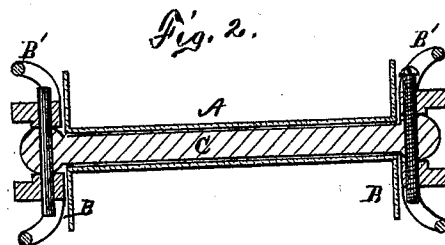
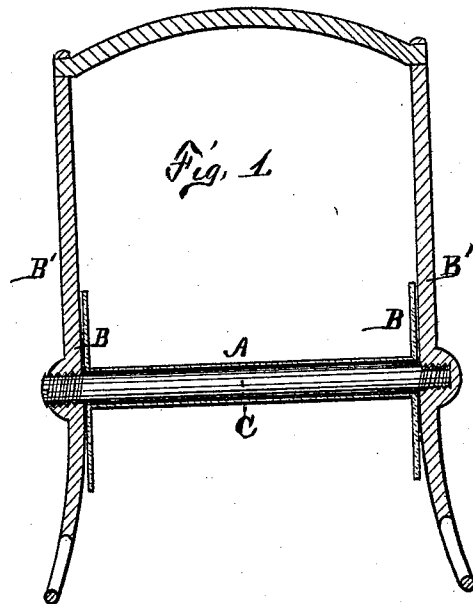


J. STANLEY.
BRIDLE-BIT.

No. 171,587.

Patented Dec. 28, 1875.



Witnesses
Oliver Drake
H. C. Tunbridge.

Inventor
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UNITED STATES PATENT OFFICE.

JAMES STANLEY, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN BRIDLE-BITS.

Specification forming part of Letters Patent No. **171,587**, dated December 23, 1875; application filed December 7, 1875.

To all whom it may concern:

Be it known that I, JAMES STANLEY, of the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bits for Horses; 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 the letters of reference marked thereon, which form a part of this specification.

The nature and object of this invention are to furnish a bit for horses, having the flanges or cheek-pieces at the ends attached and secured thereto, and also that the ordinary cheek-pieces and bit may be so constructed that the latter may be removed from the former and attached thereto at pleasure, or vice versa, and my improved bit and cheek-pieces combined substituted therefor or combined therewith, as may be desired, the whole being cheap and substantial, easy and comfortable in a horse's mouth, all of which will be hereinafter more fully set forth and described.

The accompanying drawing fully illustrates the nature and character of my invention, in which—

Figure 1 is a sectional view of a bit for horses combining my improvements, in which the bit is removable from the cheek-pieces. Fig. 2 is a sectional view of a bit in a modified form, in which the cheek-pieces are removable from the bit; and Fig. 3 is a plan view of a rubber mouth-piece and cheek-pieces combined, all as contemplated in my invention.

Similar letters of reference indicate corresponding parts in the several figures.

In carrying out my invention, I, in the first place, as illustrated in Fig. 3, construct a tubu-

lar bit or mouth-piece, A, and cheek-pieces B, combined therewith and forming one piece, from india-rubber, gutta-percha, leather, celluloid, or metal, though preferably of the former, because of its being more flexible, and, being tubular, designed and adapted to be adjusted upon a metal bit, C, as indicated in Figs. 1 and 2, or used independently, as occasion may require. In the latter case a bit of leather may be inserted in the tubular bit, and the reins attached thereto.

In order to facilitate the adjusting and removing of my improved mouth-piece and cheek-pieces combined upon or from a metal bit, I, in the second place, construct the latter so as to be adjustable, as shown and indicated in Figs. 1 and 2, so that by removing one of the cheek-pieces B' or the bit C, as the case may be, the tubular bit and cheek-pieces combined may be adjusted upon or removed from said bit at pleasure.

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

1. A bit for horses composed of a tubular mouth-piece and cheek-pieces combined therewith, and forming one solid piece, substantially as and for the purposes set forth and described.

2. A tubular mouth-piece and cheek-pieces combined, in combination with an adjustable bit, substantially as and for the purposes set forth and shown.

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

JAMES STANLEY.

Witnesses:

OLIVER DRAKE,
JOHN C. TUNBRIDGE.