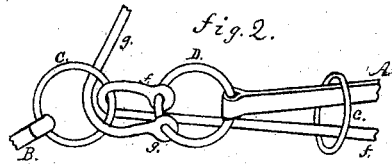
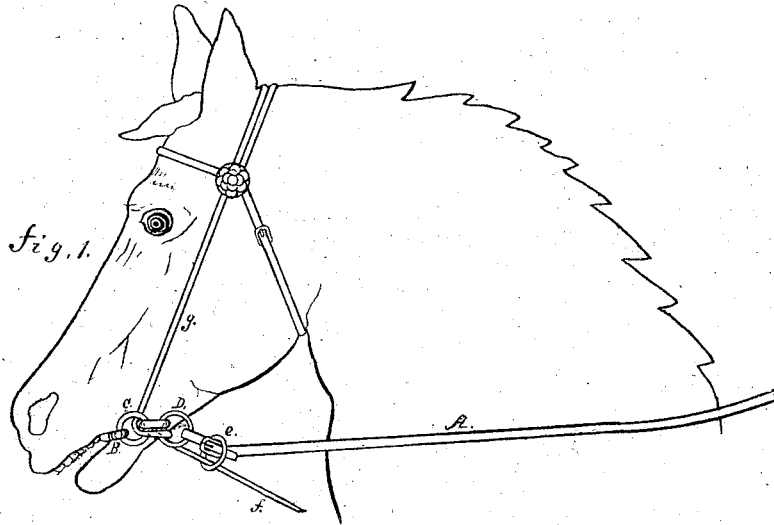


J. K. POORMAN.

DRIVING GEAR FOR HORSES.

No. 184,296.

Patented Nov. 14, 1876.



Witnesses
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UNITED STATES PATENT OFFICE.

JESSE K. POORMAN, OF PLEASANT UNITY, PENNSYLVANIA.

IMPROVEMENT IN DRIVING-GEARS FOR HORSES.

Specification forming part of Letters Patent No. **184,296**, dated November 14, 1876; application filed September 28, 1876.

To all whom it may concern:

Be it known that I, JESSE K. POORMAN, of Pleasant Unity, Westmoreland county, Pennsylvania, have invented a new and useful Improvement in Driving-Gear for Horses, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing.

Similar letters of reference indicate corresponding parts.

My invention relates to an improvement in bridles for horses; and consists in passing the cheek-strap through the rings of the bit, and attaching them to rings to which are attached the reins of the bridle, to which rings are also attached the martingales, the straps of the martingales and reins passing through other rings, so that by drawing upon the reins an increased leverage is obtained by the rings drawing upon the reins and martingales.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the accompanying drawings, which form part of my specification, Figure 1 represents a horse's head with my improvement in bridles

arranged thereon. Fig. 2 is a sectional view of one side of the bridle, rein, and martingales.

In the drawings, B represents the bit, and C the rings of the bit; *g*, the cheek-strap of the bridle; *f*, the martingale - straps. The cheek - straps and martingale - straps are attached to rings D. The reins A and martingale-straps *f* pass through rings *e*.

By drawing upon the reins A it causes the rings *e* to draw on the straps *f* of the martingales, whereby increased leverage is obtained, enabling the rider or driver, with great facility, to draw the horse's head toward his throat and breast, which enables him to control the horse with ease.

Having thus described my improvement, what I claim is—

In a bridle for horses, the rings C D *e*, in combination with the straps *g* and *f* and reins A, arranged substantially as herein described, for the purpose set forth.

JESSE K. POORMAN.

Witnesses:

A. C. JOHNSTON,
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