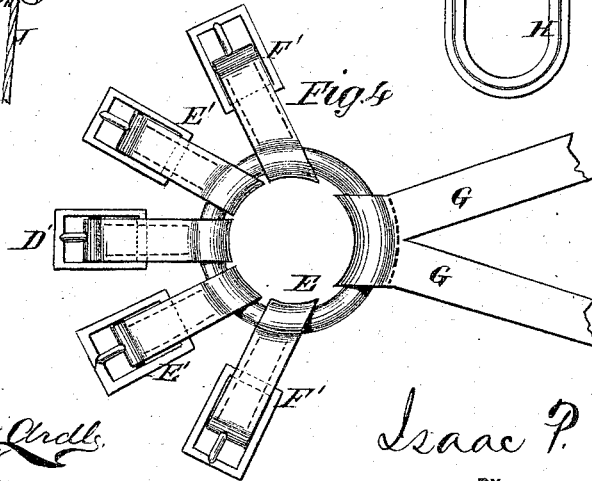
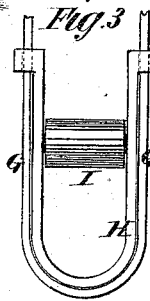
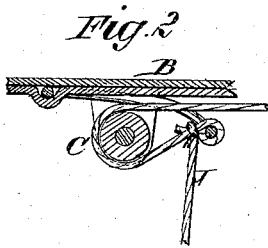
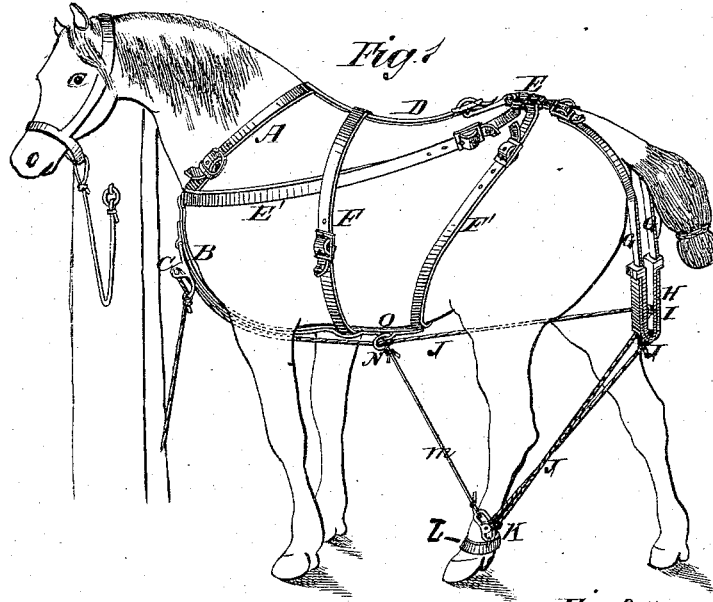


I. P. PICKERING.
Horseshoeing-Harness.

No. 163,405.

Patented May 18, 1875.



WITNESSES:
Francis Mc Ardle
A. J. Perry

INVENTOR:
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BY
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

ISAAC P. PICKERING, OF TABLE GROVE, ILLINOIS.

IMPROVEMENT IN HORSESHOEING-HARNESS.

Specification forming part of Letters Patent No. **163,405**, dated May 18, 1875; application filed April 24, 1875.

To all whom it may concern:

Be it known that I, ISAAC P. PICKERING, of Table Grove, Fulton county, Illinois, have invented a new and Improved Horseshoeing-Harness, of which the following is a specification:

The object of the present invention is to furnish facilities to aid in shoeing horses; and it consists in a harness so constructed that the foot on which the shoe is to be placed is held up and in proper position, thus avoiding the necessity of holding up the horse's foot in the usual and well-known manner.

Figure 1 is a view of the harness as applied to a horse when in use: Fig. 2 is a detail of the breast-buckle. Fig. 3 is a detail of the rear part which contains a pulley, over which the draft-strap passes; and Fig. 4 is a detail of the ring and straps on the rump of the horse.

Similar letters of reference indicate corresponding parts.

A is the collar-strap; B, the breast-strap. C is the breast-pulley. D is the back-strap, which is attached to the collar-strap and to the ring E on the rump of the horse. F F' are straps which pass around the belly, the latter being attached to the ring E. E' are the side straps. G is a forked strap attached to the ring E, which extends down, and is attached to U-shaped piece H, which contains a pulley, I. J is the draft-strap, which is at-

tached to the lower end of the U-piece H. From this fastening it extends to a pulley, K, in the fetlock-piece L. From this pulley it extends back to the U-piece H, and over the pulley I, and from thence it extends forward under the belly of the horse, and is fastened to the breast-buckle C, as represented. M is a brace-strap attached to the fetlock-piece L, and to a ring, N, in the strap O, beneath the belly of the horse.

By drawing upon the draft-strap J the foot of the horse is drawn up, the knee-joint is bent, and the foot raised, and is held while the shoe is fastened.

This attachment is made to either hind or fore feet, and the labor and trouble of shoeing horses greatly lessened thereby.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A harness to be used in shoeing horses, constructed substantially as described—that is, consisting of the breast-buckle C, back or rump ring E, U-shaped piece H, pulley I, draft-strap J, fetlock-piece L, and pulley K, with the straps connected therewith.

ISAAC PIERSON PICKERING.

Witnesses:

THEODORE WRIGHT,
E. B. NELSON.