

J. CLARRIDGE.
Horse Shoeing-Harnesses.

No. 152,276.

Patented June 23, 1874.

Fig. 1.

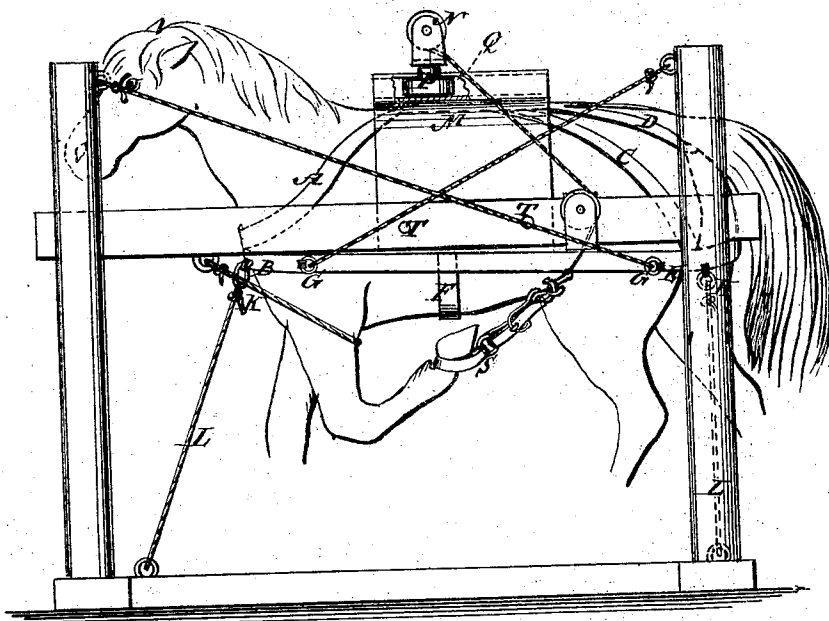


Fig. 2.

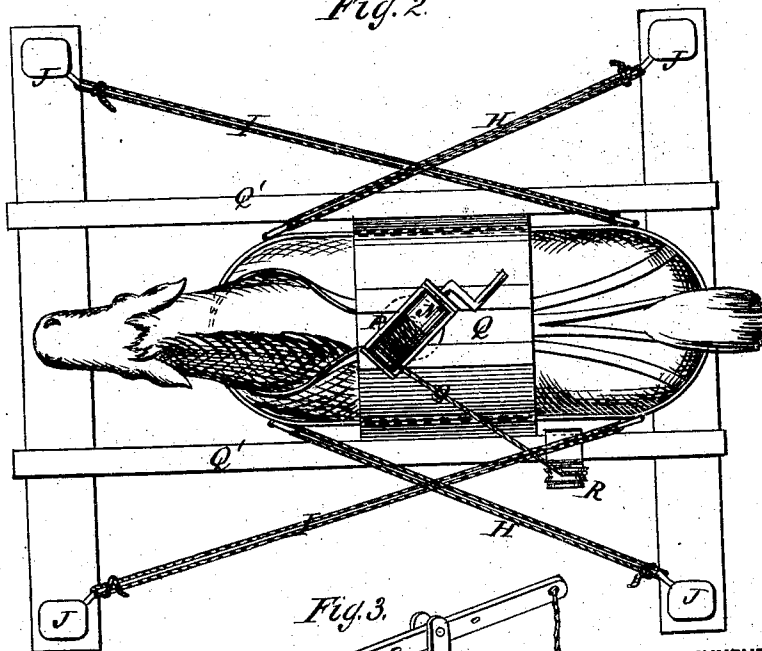
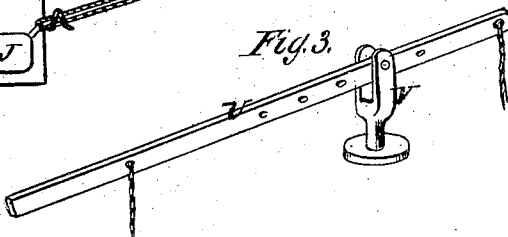


Fig. 3.



WITNESSES.

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UNITED STATES PATENT OFFICE.

JOHN CLARRIDGE, OF MT. STERLING, OHIO.

IMPROVEMENT IN HORSE-SHOEING HARNESS.

Specification forming part of Letters Patent No. **152,276**, dated June 23, 1874; application filed February 7, 1874.

To all whom it may concern:

Be it known that I, JOHN CLARRIDGE, of Mt. Sterling, in the county of Madison and State of Ohio, have invented a new and Improved Horse-Shoeing Harness, of which the following is a specification:

My invention consists of a strong harness with ropes or straps from the breech-band to posts near the head of the horse; also, straps from the breast-strap to the post at the rear; also, ropes or straps for fastening the breech and breast straps to the floor, for preventing the horse from going forward or backward and rearing and kicking. It also consists of a strong saddle of wood or iron, or both, having a windlass on it for raising the foot to be shod by a rope, said windlass being adjustable along the top of the saddle and capable of turning as required for hitching to the different feet; and it also consists of a strong wood or iron bar on each side of the saddle, for the support of an adjustable hook, with straps attached, with suitable ring and buckle for lifting and holding the feet while being shod; also, for holding the guide-pulley, (which is adjustable,) over which the rope passes from the windlass or lever to the foot to be lifted.

A lever may be used instead of the windlass for pulling up the feet, if preferred. or the straps and hook may be used instead of either the windlass or lever.

Figure 1 is a side elevation of a figure of a horse having a shoeing-harness, such as I propose to make, applied to it. Fig. 2 is a top view, and Fig. 3 is a perspective view, of a lever to be used instead of the windlass.

Similar letters of reference indicate corresponding parts.

A represents the neck-straps of the harness for suspending the breast-strap B; C and D, the back-straps for suspending the breech-straps E. F is the girth. The breast-strap and breech-strap are connected together, and in practice will have the necessary buckles for adjusting them snugly. Said straps have strong rings G for the connection of the ropes or straps H I, by which the horse is to be fastened to the four posts J, or other stationary objects, to prevent him from moving forward

and backward or sidewise. They also have rings K for connecting them to the floor by ropes L, to prevent rearing or kicking. M represents the saddle, on which a windlass, N, is mounted for raising up the feet to be shod by a rope, O, said windlass being fitted by a stand, P, in a groove, Q, in the top of the saddle, so as to be shifted forward and backward along the saddle and fastened at any point, as may be required for the different feet. The windlass is mounted on its stand G, so as to turn horizontally to any position required. Q' represents the side bars of wood or iron attached to the saddle, and R the shifting pulley-block thereon, for a guide for the rope O, by which the feet are lifted up. This rope may be fastened to the feet by a hook and strap, with a ring in each end, to put around the ankle below the fetlock, so as to fasten the hook in the rings, or it may be round the ankle, and hook the hooked end over the same. The bars Q', or one or both of them, are connected detachably by pins or hooks T to the saddle, to be taken off and put on for convenience in putting on and removing the saddle. The block R is adjustable along the bars, to suit for pulling up the hind and fore feet. U is a lever, and V a stand that may be used instead of the windlass for pulling up the feet.

Instead of using the rope and windlass, as here shown, for lifting up the feet to be shod, they may, in some cases, be pulled up by hand with a rope or strap passing over the bars, said rope or strap being shifted along the bars, as wanted, and fastened both to the bar and the feet in any approved way.

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

1. The combination of the harness and fastening straps or ropes H I L, arranged substantially as specified.

2. The combination of the saddle M, windlass N, rope O, and guide-pulley R, substantially as specified.

JOHN CLARRIDGE.

Witnesses:

DAVID F. BINDER,
THOS. CHENOWETH.