

(Model.)

J. YORK.
Hoof-Parer.

No. 228,160.

Patented May 25, 1880.

Fig. 1.

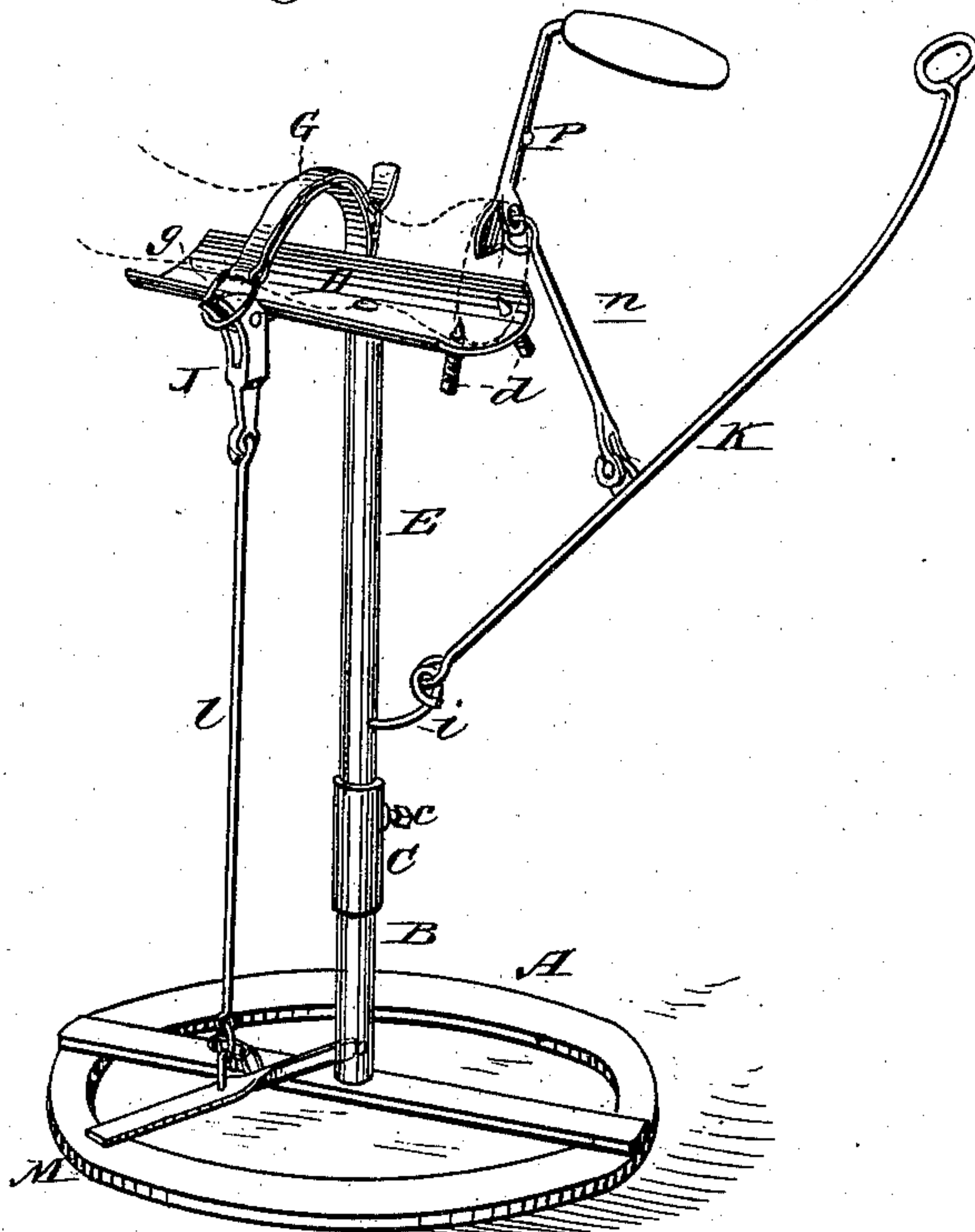
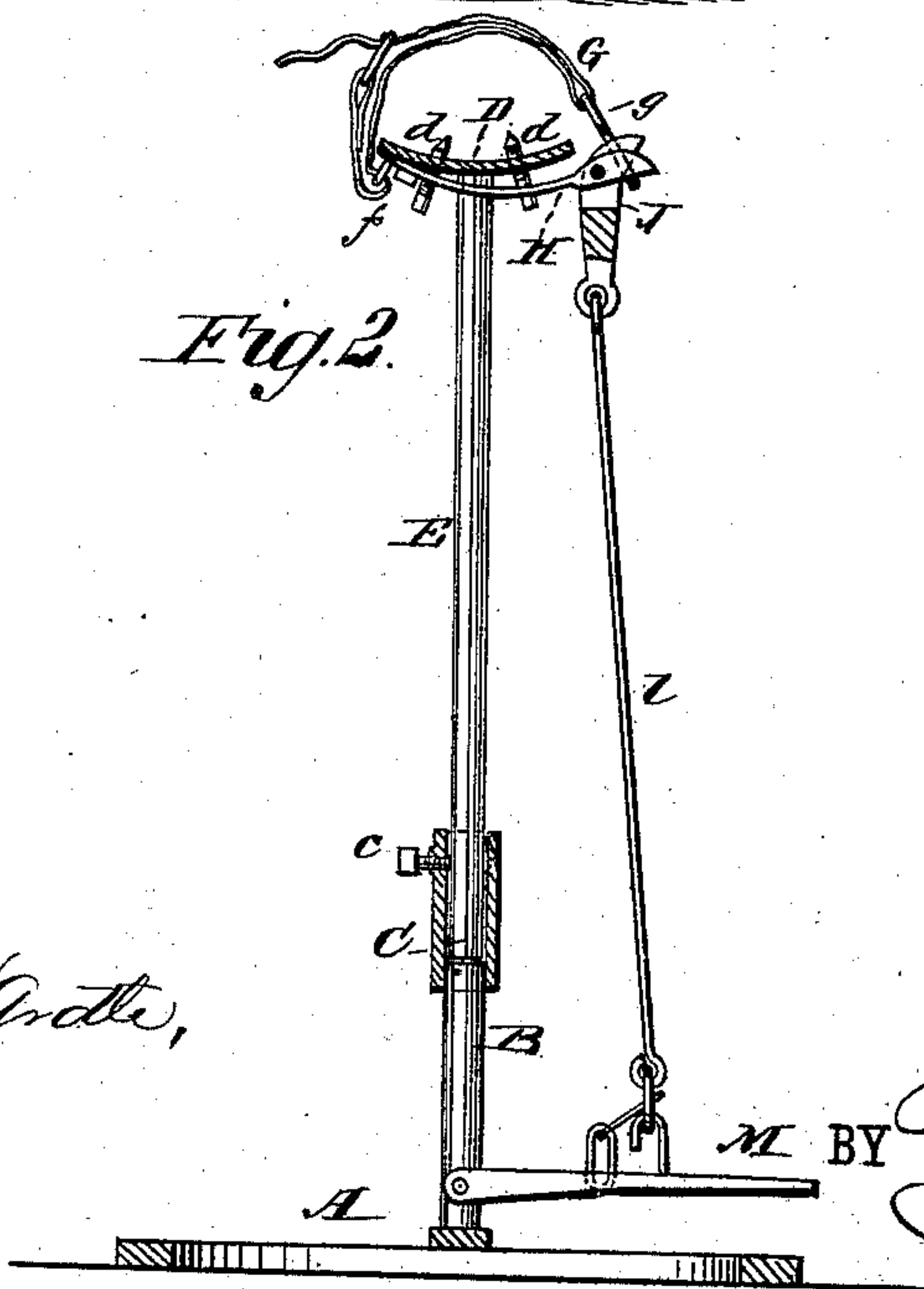


Fig. 2.



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JAMES YORK, OF COALESBURG, MISSOURI.

HOOF-PARER.

SPECIFICATION forming part of Letters Patent No. 228,160, dated May 25, 1880.

Application filed April 5, 1880. (Model.)

To all whom it may concern:

Be it known that I, JAMES YORK, of Coalesburg, in the county of Henry and State of Missouri, have invented a new and useful Improvement in Apparatus for Paring and Trimming Horses' Hoofs, of which the following is a specification.

My invention consists in certain novel details of construction, arrangement, and combination of a base and standard, a leg-rest, a clamping device, and means for operating the paring-knife, whereby the operation of trimming and paring the hoof is accomplished with economy of time and labor to the workman and more ease and comfort to the animal.

In the accompanying drawings, Figure 1 is a perspective view of my invention. Fig. 2 is a vertical section of the same.

Similar letters of reference indicate corresponding parts.

A represents a base or platform, from the center of which rises a standard, B, carrying at its upper end a socket, C, provided with a set-screw, *c*. A rod, E, has its lower end inserted in the socket C, and by means of the set-screw *c* it may be held firmly in place when adjusted at different heights.

At the upper end of the rod E is the leg-rest, which consists of a plate, D, curved to correspond with the shape of the leg of the animal and long enough to support the leg comfortably between the hoof and the knee-joint. Near one end of the plate are two screw-threaded spurs, *d*, for engagement with the surface of the hoof just sufficiently to prevent it from turning.

On the under side of the plate D is a staple, *f*, through which passes a strap, G, carrying in its loop a ring, *g*, and provided with a buckle for adjusting its length. The strap G is passed over the ankle of the horse when the leg is on the rest D, and the ring is engaged with a catch formed by the outer end of a spring, H. One end of the spring H is attached to the under side of the plate D, and the free end of the spring is pivoted in a forked

link, J, which is connected by a rod, *l*, with a treadle, M, near the base A.

Extending from the rod E is an arm, *i*, to which is loosely jointed one end of a lever, K. To the lever K is loosely jointed one end of a link or rod, *n*, the other end of which is loosely jointed to the paring-tool P.

The leg is placed on the plate D, as represented by dotted lines in Fig. 1. The strap G is passed over the ankle and the ring *g* passed over the end of the link J and of the spring H, pivoted therein. The workman places his left foot on the base A and his right foot on the treadle M. As the treadle M is depressed the end of the spring H protrudes from the fork of the link J and forms a catch for the ring, and thus tightens the strap and holds the foot firmly but comfortably in place. The paring-tool P is held in the left hand and the lever K in the right, and by reason of the universal-jointed connection of the parts the blade of the tool can be readily moved in any direction.

When the treadle is released the spring H rises and its end recedes into the fork of the link J, throwing off the ring *g*, so as to allow the strap G to be removed.

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

1. The combination of the base A, standard B, socket C, and set-screw *c*, and the rod E, plate D, and spurs *d*, substantially as and for the purpose specified.

2. The combination, with the leg-rest or plate D and its support, of the strap G, spring H, forked link J, rod *l*, and treadle M, as shown and described, for the purpose specified.

3. The combination, with the rod E, the plate D, and arm *i*, of the lever K, rod *n*, and paring-tool P, connected by loose or universal joints, as shown and described, for the purpose specified.

JAMES YORK.

Witnesses:

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