

S. Rossman,

Horse Boots.

N^o 48097.

Patented June 6, 1865.

Fig: 1.

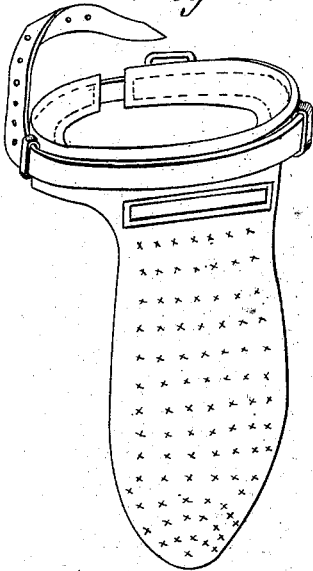


Fig: 2.

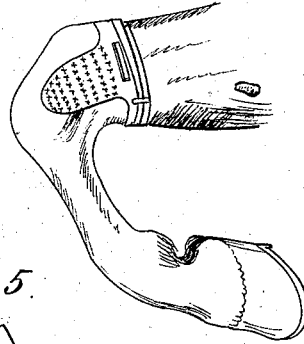


Fig: 5.

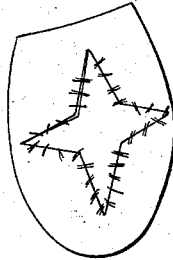


Fig: 4.

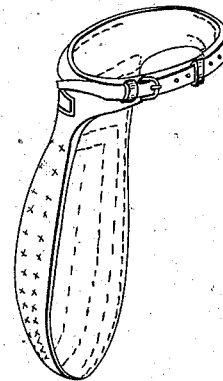
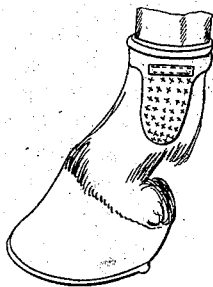


Fig: 3.



*Witnesses;
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UNITED STATES PATENT OFFICE.

STEPHEN ROSSMAN, OF HUDSON, NEW YORK.

IMPROVED HORSE-LEG FENDER.

Specification forming part of Letters Patent No. 48,097, dated June 6, 1865.

To all whom it may concern:

Be it known that I, STEPHEN ROSSMAN, of the city of Hudson, in the county of Columbia and State of New York, have invented a new and Improved Article for Preventing Interfering Horses from Cutting and Bruising their Legs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification.

Figure 1 is a perspective view of the knee pad or fender. Fig. 2 is a view of the same as used on or attached to the knee. Fig. 3 is a view of the ankle-pad in use. Fig. 4 is a perspective view of the same not in use. Fig. 5 is a representation of the interlining or former employed in each to give them the shape required.

The nature of my invention consists in providing a fender or leather pad, so made as to perfectly fit the inside of the knee-joint and also the ankle-joint of a horse addicted to interfering or striking either of those joints with the opposite foot or leg, and thereby to prevent cutting and bruising the same.

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

I make my pads or fenders of leather, and make them right and left to fit the inside of the right or left knee or ankle joints, and to preserve the form required to fit these joints respectively; and, also, to prevent them from slipping or sliding from their places, I insert between the outer and inner inclosures a piece of sole or other stiff leather, made as shown in Fig. 5. To make this former, interlining, or stiffener, I cut the piece of leather selected for this purpose in the shape required as to

its exterior. I then make two incisions at right angles to each other through the middle, and opening them, fit therein triangular or goring pieces of such dimensions as to give the whole piece the shape required—that is, so as to make it sufficiently concave to fit over the joint or part to be protected. These wedge-shaped or angular pieces are sewed fast in their places, and the whole piece is then inclosed by substantial harness-leather outside and softer leather inside, as buck or buffed sheep-skin, and the whole—to wit, the filling or stiffener, the outside, and inside—are then sewed firmly together in the manner shown in Figs. 1 and 4, and provided with straps and buckles with which to attach them to the leg. I also insert at the upper end of the fender, just below the strap, a narrow strip of whale-bone, wood, or other suitable substance, hard and moderately elastic. The use of this is to prevent the pad from turning round on the leg; and if proper stiffness no frequency or amount of interfering or striking with the opposite foot or leg, will turn it or displace it; but it will keep its place until worn through. It is sewed fast between the outer and inner leather of the pad.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The former, interlining, or stiffener, Fig. 5, and the brace *a*, when both are inclosed, combined, and arranged substantially in the manner and for the purpose herein described and set forth.

STEPHEN ROSSMAN.

Witnesses:

ISAAC N. COLLIER,
GEO. S. ROWLEY.