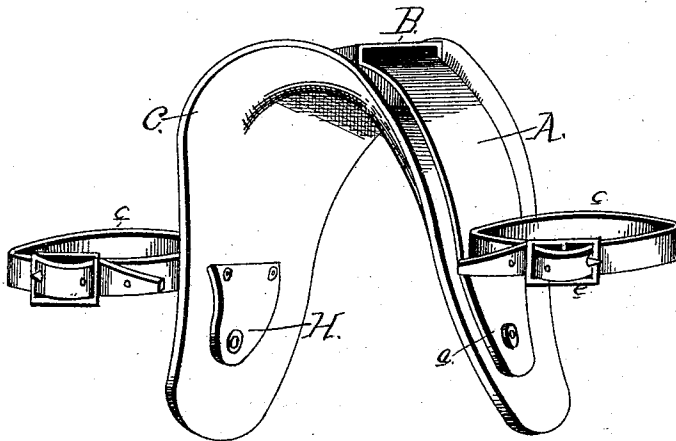


(No Model.)

H. DOERING.
HARNESS PAD.

No. 496,821.

Patented May 2, 1893.



WITNESSES

Thos J. Rout, Jr.
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UNITED STATES PATENT OFFICE.

HERMAN DOERING, OF REEDSBURG, WISCONSIN.

HARNESS-PAD.

SPECIFICATION forming part of Letters Patent No. 496,821, dated May 2, 1893.

Application filed February 3, 1893. Serial No. 460,823. (No model.) Patented in Canada November 3, 1892, No. 40,877.

To all whom it may concern:

Be it known that I, HERMAN DOERING, manufacturer, a citizen of the United States, residing at Reedsburg, in the county of Sauk and State of Wisconsin, have invented certain new and useful Improvements in Horse-Collar Pads, as set forth in the following specification, (which has been patented in Canada, November 3, 1892, No. 40,877,) reference being had to the accompanying drawing, forming part of this specification, in which the figure is a perspective view of a horse-collar pad embodying my invention.

My invention relates to horse-collar pads, and consists of the constructions and combinations of devices which I shall hereinafter fully describe and claim.

To enable others skilled in the art to which my invention appertains to make and use the same I will now describe its construction and indicate the manner in which the same is carried out.

In the accompanying drawing A represents a metal plate adapted to have the collar secured to it; the said plate approximating the curvature of the collar and its two side portions *a* extending downward for about seven inches along the inner surface of the collar. From the top central portion of the plate extends a loop or staple B through which the usual collar-strap is adapted to pass to assist in securing the collar to the plate, and near the lower sides of the plate one on each outer side as shown, are riveted or otherwise fastened straps *c* having a buckle *e* secured to one of its ends and adapted to be engaged by the opposite free end of the strap. These straps form loops through which the sides of the collar pass, and they are made to clasp said collar and to unbuckle so that the collar may be placed in position on the pad from either side, as I shall hereinafter disclose.

C represents the pad proper made of leather curved to fit the horse's back and to extend downward along each side for a short distance. This leather pad has its forward and rear ends curved upwardly to facilitate a free rocking movement of the pad; which movement is effected by loosely riveting the lower ends of the metal plate directly to the sides of the pad, or to the reinforcing plates H, riveted to the inside of the pad and serving to prevent the pivot from tearing through the leather.

The jointing of the pad to the plate in the manner described forms a strong and secure pivotal connection, and as the upper surface of the pad is separated by a space say of an inch, from the under top surface of the metal plate, it is manifest that the plate may rock freely over the pad without imparting any of its movement thereto.

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

The combination of the leather pad with upwardly curved front and rear sides, the metal plate conforming to the curvature of the pad and inside the collar, the said plate being separated from the pad at the top portion, having a loop at its upper end to receive the collar strap, and having its lower ends pivotally secured to the pad so that the pad may rock independent of the plate, the side straps riveted to the plate and adapted to embrace the collar, and the plates on the inside of the pad having the pivots of the plate mounted in them to prevent the latter tearing through the pad, substantially as herein described.

HERMAN DOERING.

Witnesses:

SAVILIAN H. SMITH,
JAMES A. STONE.