(No Model.)

S. B. PARSONS.

HORSE COLLAR PAD.

No. 590,669 Patented Sept. 28, 1897.

Fig. 1.

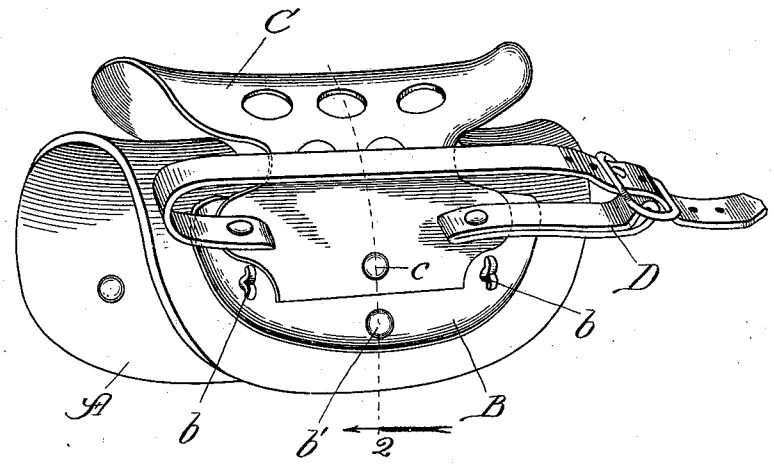
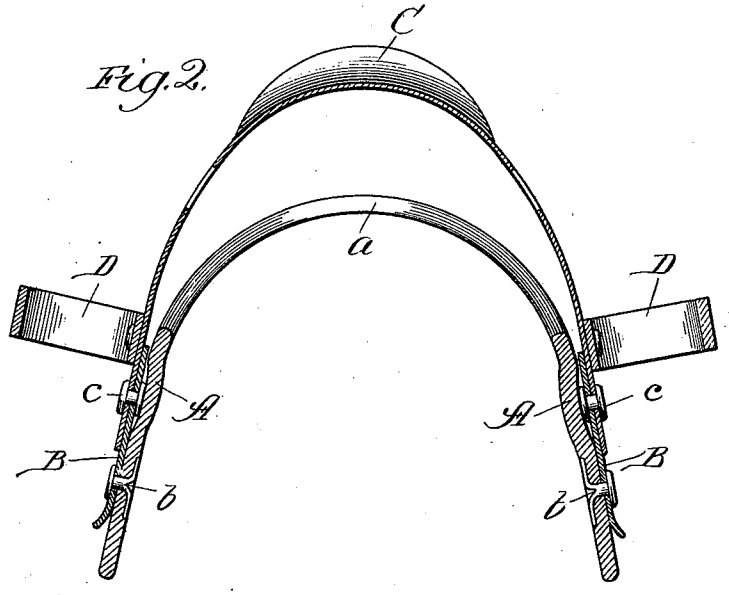


Fig. 2.



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

SENECA B. PARSONS, OF SOUTH BEND, INDIANA.

HORSE-COLLAR PAD.

SPECIFICATION forming part of Letters Patent No. 590,669, dated September 28, 1897.

Application filed May 17, 1897. Serial No. 636,914. (No model.)

To all whom it may concern:

Be it known that I, SENECA B. PARSONS, a citizen of the United States, residing at South Bend, St. Joseph county, Indiana, have invented certain new and useful Improvements in Horse-Collar Pads, of which the following is a specification.

The object of my invention is to provide a simple, economical, and efficient horse-collar pad; and the invention consists in the features, combinations, and details of construction hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a horse-collar pad constructed in accordance with my improvements; and Fig. 2, a transverse sectional elevation taken on line 2 of Fig. 1, looking in the direction of the arrow.

In the art to which this invention relates it is well known that the collar as usually worn by a horse when used under a load chafes or galls the horse to such an extent as to create sore spots.

The principal object of my invention is to remove this objection and make a simple, economical, and efficient collar which will minimize or entirely obviate the causes which chafe or gall the horse.

In constructing a horse-collar pad in accordance with my improvements I make a flexible main or pad portion A, which is preferably formed of leather, though other material may be used whenever occasion or necessity requires or demands. This pad portion may be perforated or not at its central portion *a*, as is desired, though I make no claim for novelty on this particular point, as it is very old and well known in the art.

In order to arrange the pad to support a collar and adjust the collar to meet the different demands of different loads, I provide each side of the pad with what I term a "wear-plate" B, preferably formed of metal, which is riveted, as at *b*, to the pad portion, though it may be secured by stitching or other mechanism whenever desirable without interfering with the flexible portion. To this wear-plate I pivotally secure an arch C at points *c* and arrange it so that it may support the collar, but swing or oscillate longitudinally to adapt and sustain the collar in the different positions required by different loads. This arch portion is provided with a holding-strap D, either riveted or otherwise secured to the arch, on each side of the same, as shown particularly in Fig. 2, and which acts to keep the pad in place.

The advantages incident to the use of a pad constructed in accordance with my improvements are, first, that the pad is flexible and may expand or contract laterally to fit the horse's neck and vary slightly under the load, which if it were of solid metal it would not do; second, the fixing of an independent wear-plate to the flexible pad affords points of rigidity at the necessary point without affecting the flexibility of the pad, and, finally, the arch being secured to the wear-plates so as to pivot them enables a pad to be made that will adjust itself under loads without causing new points of galling or friction on the horse's neck, which it would do under the load and rigid structures.

I claim—

In a horse-collar pad, the combination of a main or pad portion formed of leather or similar material and adapted to flex or expand laterally, independent wear-plates secured one to each side of the pad portion to form rigid points of support and not interfere with the flexibility of the pad portion, and an arch portion formed of metal pivotally secured to the independent wear-plates so as to permit longitudinal movements of the same without moving the pad portion or preventing the flexibility of the same, substantially as described.

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