

(No Model.)

P. K. COOVER.
HORSE COLLAR.

No. 520,413.

Patented May 29, 1894.

FIG. 1.

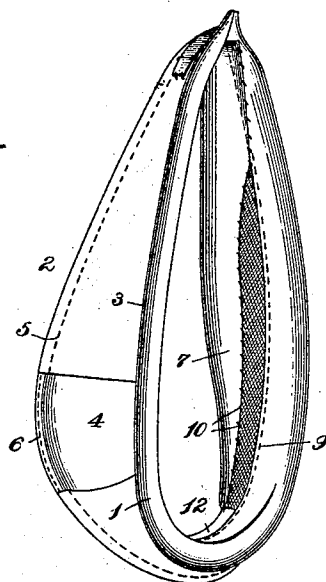


FIG. 2.

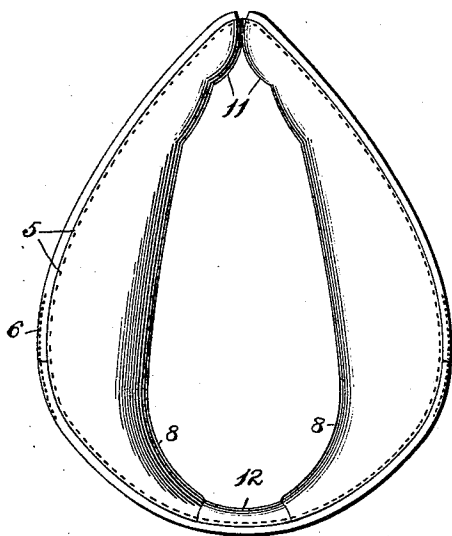


FIG. 3.

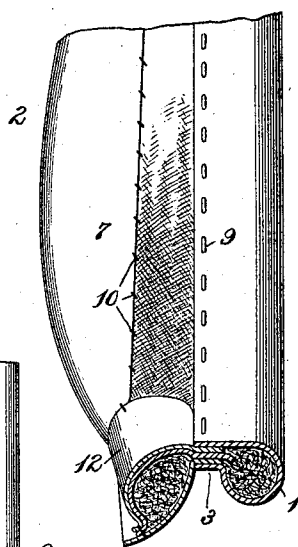
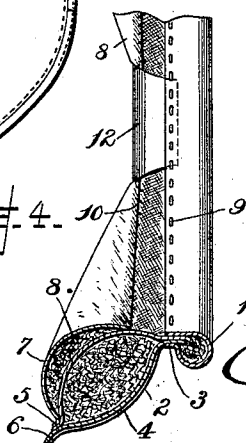


FIG. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

PERCY K. COOVER, OF MECHANICSBURG, PENNSYLVANIA.

HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 520,413, dated May 29, 1894.

Application filed November 2, 1893. Serial No. 489,870. (No model.)

To all whom it may concern:

Be it known that I, PERCY K. COOVER, a citizen of the United States, residing at Mechanicsburg, in the county of Cumberland and State of Pennsylvania, have invented a new and useful Horse-Collar, of which the following is a specification.

My invention relates to improvements in horse-collars, and to that particular class thereof employing a supplemental pad or stuffing at the rear of the collar, whereby the stock of the collar is preserved against wear, and so that, furthermore, the pad may be renewed when worn without injury to the collar itself.

The objects of my invention are to provide a supplemental pad of this kind and to so arrange the same as while performing its usual functions as a pad yet will not tend to decrease the actual size of the collar; which is so disposed, furthermore, as to take the place of the usual collar-pad on the neck of the animal and obviate its necessity; to obviate wearing of the collar by the choke-strap; to so shape the collar at the rear side as to relieve the windpipe of the horse from pressure; and finally to obviate the wear on the large roll of the collar and destruction of the stitches thereof by the hames.

With these general objects in view the invention consists in certain features of construction hereinafter specified and particularly pointed out in the claim.

Referring to the drawings:—Figure 1 is a perspective view of a horse-collar embodying my invention. Fig. 2 is a rear elevation of the same. Fig. 3 is a vertical transverse sectional view. Fig. 4 is a horizontal sectional view.

Like numerals of reference indicate like parts in all the figures of the drawings.

In the practice of my invention I employ the usual front roll 1 and large roll 2, between which occurs the intermediate crease 3 that receives the hames, and so far the collar is of the ordinary construction.

I stitch between the meeting edges of the large and small rolls and by the same line of stitches as connect the same at opposite sides of the collar wear-flaps 4 of leather, and after the outer edges of the collar have been stitched

together by the line of stitching 5 which is usual, I fold the said flaps 4 outward over the exterior of the large roll and stitch the outer edges of the flaps to the projecting edge of the large roll by a line of stitching 6, which as shown, is beyond the stitches 5. It will be observed that the stitches 5 are hereby preserved against wear or chafing by the tugs and hames and hence the collar cannot become ripped by reason of the stitches 5 becoming worn and broken. Furthermore, the stock of the collar is preserved, and when the wear-flaps 4 are worn through they may be readily renewed by others.

Through the medium of the stitches 5 I attach at the opposite sides of the collar the coverings 7 of the supplemental pads 8, and the inner edges of said coverings terminate in rear of the line of stitches 9 between the meeting edges of the small and large rolls and are stitched at 10 to the stock composing the rear large roll of the collar. It will be seen that in this manner the pads do not extend to the interior of the collar, but are only located upon the rear side, so that while they serve the purpose of a pad by bearing against the shoulders of the horse, yet they do not extend at the inner side of the collar, and hence tend to decrease the size thereof, as has heretofore been the case. The pads at their inner edges and toward their upper ends extend forward so that they cross the seam 9 of the collar, pass beyond the same, and are secured to the inner surface of the small roll, terminating at the upper end of the collar, whereby they form transverse pads 11 across the entire surface of the upper end of the collar or that portion which rests upon the neck, and thus obviate the necessity of employing other pads for this purpose, and the collar may rest directly upon the horse's neck and yet give comfort to him. The lower ends of the supplemental pads terminate at each side of the center of the collar, and I secure by the lines of stitches 9 and 5 the guard-leather 12, which it will be seen not only covers the ends of the supplemental pad coverings 7 and preserves them against ripping, but is depressed below the pads 8 and hence form a curved or depressed portion which fits about and does not bear upon the windpipe of the horse.

Thus it will be seen that I have provided a collar wherein the supplemental pads are used; that I have so located said pads that they do not decrease the size of the collar and
5 render the same uncomfortable, that they act or bear only upon the shoulders of the horse, do not compress his windpipe, and are so disposed at their upper ends as to obviate the necessity of employing a supplemental pad in
10 the upper end of the collar; and finally that I obviate the wear upon the collar by the hames and tugs and prevent the same from cutting out the stitches at the outer edges of the collar.
15 It will be observed that the supplemental covers 7 may be removed and the hair or other stuffing picked and replaced, or the covers may be renewed when worn without materially disturbing the collar.

Having described my invention, what I claim is—

The herein described improved collar having supplemental pads on its opposite sides, said pads at their lower portions terminating in rear of the intermediate seam 9 of the collar and being secured or stitched to the rear roll, and at their upper portions extending inwardly and crossing said seam and secured to the under side of the front or small roll and terminating at the upper end of the collar to form pads 11, substantially as specified. 30

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

PERCY K. COOVER.

Witnesses:

W. S. DUVALL,
AUGUSTUS P. SCHELL.