

D. K. Wertman.
Breast-Pad.

N^o 76124

Patented Mar. 31, 1868.

Fig. 1.

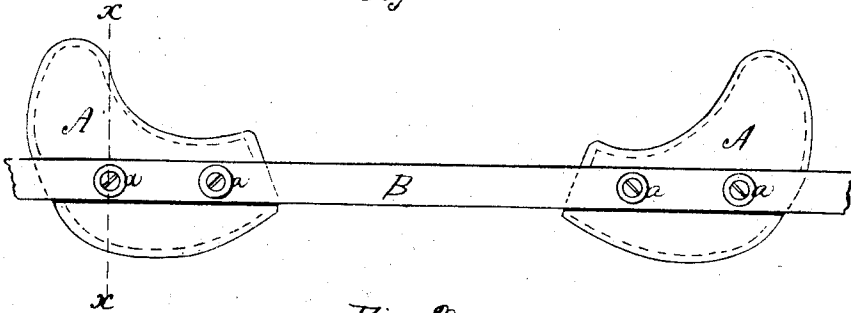


Fig. 2.

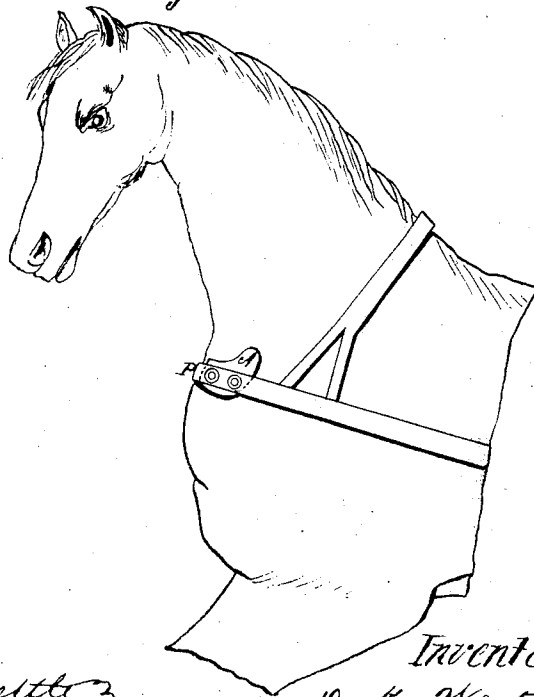
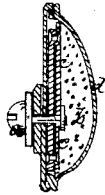


Fig. 3.



Witnesses:

W. C. Assekeltz
J. Lamm

Inventor:

D. K. Wertman
per Munn & Co
attorneys

United States Patent Office.

DANIEL K. WERTMAN, OF CENTRALIA, PENNSYLVANIA.

Letters Patent No. 76,124, dated March 31, 1868.

IMPROVED BREAST-PAD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, DANIEL K. WERTMAN, of Centralia, in the county of Columbia, and State of Pennsylvania, have invented a new and improved Breast-Pad; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 is a front view of my improved pad.

Figure 2 is a perspective view of the pad in place on the animal.

Figure 3 is a detail section of the pad, showing its construction.

Similar letters of reference indicate corresponding parts.

This invention relates to breast-collars for harness, and consists of two pads stiffened by sheet-metal plates, and attached to the breast-strap, whereby a breast-strap or collar is obtained which is superior in many points to the breast-collars heretofore made.

In the accompanying plate of drawings, my improved pads are shown at A, A, connected by the breast-strap B, which is affixed to the pads by screws *a*. The pad is composed of a plate of sheet metal more or less approximating to the form shown at fig. 1. This plate is backed by a smaller oblong plate to confer strength to the first plate. These plates are shown in section at fig. 3, *e* being the main plate, which gives form and curve to the pad, and *f* being the oblong plate conferring additional strength to the plate *e*. A burr or nut, *b*, serves to secure the breast-strap to the pads, as shown. The two plates are riveted together in the manner shown. The section of fig. 3 is taken through the line *x x*, fig. 1, and shows the construction of the pad-plates and cushion *d*, all of which, taken together, form the pad proper. The plates *e* are bent to conform to the prominent points of the shoulder of the animal, and thereby cause the draught-strain to come upon the most suitable and strongest part of the shoulder, instead of being distributed over against the front and sides of the neck.

My improved pad is cooler, and less liable to gall or choke the animal when pulling a heavy load. Other objectionable features my improvements obviate, and conduce to furnish a breast-pad which is light, cool, and easy to the horse, and capable of sustaining heavy traction, and applying the strain or pressure of the same to the most suitable part of the shoulder of the animal. Again, the breast-strap may be made into a series of holes, whereby the pads may be located to fit exactly in the right place on the shoulders of different horses. My improved pad is durable, cheap, and presents a symmetrical and attractive appearance, and supplies a want long felt by the public.

I claim as new, and desire to secure by Letters Patent—

The breast-pads A, A, constructed as described, and consisting of the plates *e f*, riveted together, the covering *d* and filling *b*, when said pads are secured to the breast-strap B by means of screws *a*, all arranged as described for the purpose specified.

The above specification of my invention signed by me, this twenty-first day of January, 1868.

DANIEL K. WERTMAN.

Witnesses:

W. M. HOAGLAND,
WM. ANDERSON.