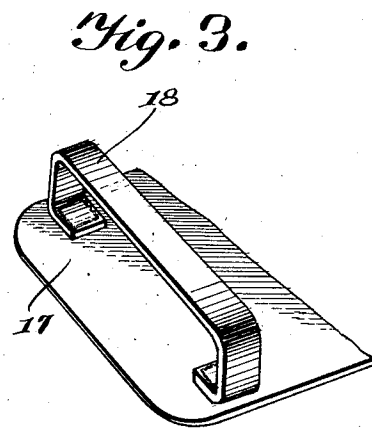
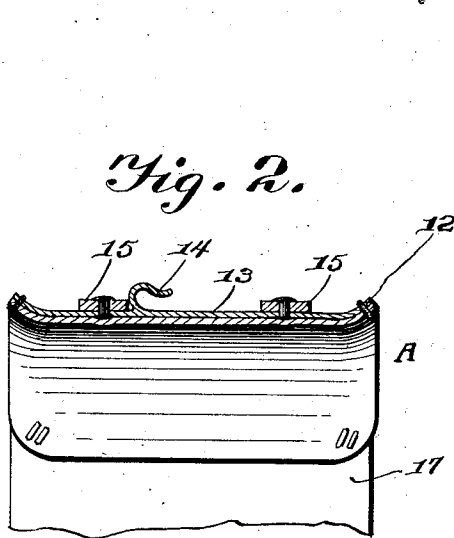
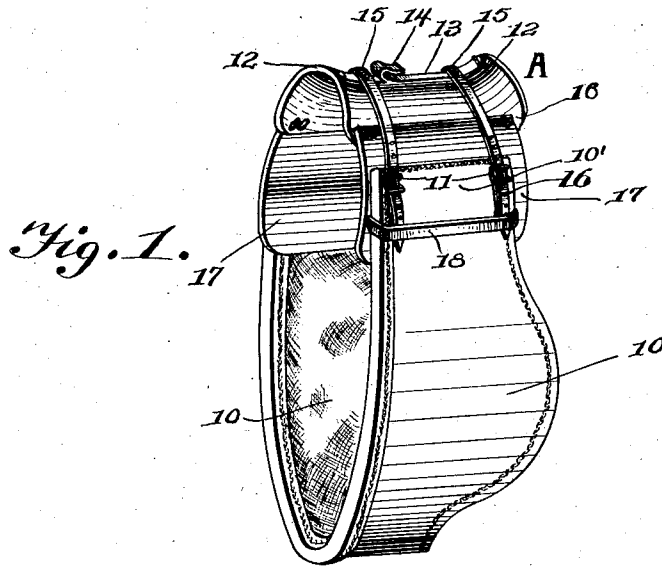


E. D. HALE.
HORSE COLLAR.
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1,047,628.

Patented Dec. 17, 1912.



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UNITED STATES PATENT OFFICE.

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HORSE-COLLAR.

1,047,628.

Specification of Letters Patent.

Patented Dec. 17, 1912.

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To all whom it may concern:

Be it known that I, ERASTUS D. HALE, a citizen of the United States, residing at Bellevue, in the county of Huron and State of Ohio, have invented certain new and useful Improvements in Horse-Collars; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to horse collars and particularly contemplates the construction of a device of this nature, wherein the same may easily be attached to the horse's neck without placing the same over the head of the animal, as has been the custom heretofore.

The present invention also contemplates the construction of a collar wherein the bulking shape which has heretofore been an objectionable feature, may be eliminated, and to further provide the means whereby the collar may be lightened in weight and adjusted to the animal's neck.

With the above and other objects in view, this invention consists in the construction, combination and arrangement of parts, all as hereinafter described, claimed and illustrated in the accompanying drawings, wherein:—

Figure 1 is a prospective view of a horse collar constructed in accordance with the present invention. Fig. 2 is a fragmentary, central, vertical section thereof. Fig. 3 is a similar view of the terminal of one of the sections of the neck shield.

The horse collar forming the subject matter of this invention comprises a U shaped main body portion which is provided with pads similar in construction to the collar now in use, the upper terminals of said body portion being tapered to conform and connect with the neck shield. Each terminal of the body portion is provided with a pair of buckles, which coöperate with straps carried by the main portion of the neck shield. On each side of the central or main portion of the neck shield is secured or attached an auxiliary section thereof, which has a keeper as an outer terminal which operates over the upper terminal of the body portion of the collar.

Referring now more particularly to the drawings, 10 indicates the main body por-

tion of the collar, said body portion being U shaped in construction, and having the upper terminals thereof connected by a neck shield, as will hereinafter be more fully described. The interior of the body portion 10 is provided with the usual pad, said pad tapering toward the terminals of said body portion 10 and permitting the collar adjacent to the neck shield to be substantially the thickness of the leather of which the body portion 10 of the collar in the neck shield is constructed. The terminals 10' of the body portion 10 of the collar are provided with the buckles 1, which provide a means whereby the neck shield may be secured to the collar.

The neck shield indicated generally as A, comprises a central section 12, constructed of leather or other suitable materials, convexed to conform with the contour of the animal's neck. A metal strip 13 is centrally secured to the exterior surface of the section 12, and is so constructed that the transversely arranged edges of the same will be bent upwardly. This strip of metal 13 is provided with a hook 14, which retains the hames on the collar, and eliminates the heavy and undesirable structure heretofore used. A strap 15 is riveted to each terminal of the metal strip 13, said straps extending on each side of the strip 13 and each provided at their terminals with the perforations 16. The auxiliary sections 17 of the neck shield are sewed or otherwise secured to the longitudinal sides of the central section 12 of the neck shield A, and are provided with the keepers 18 on their outer surfaces, to engage the tapered terminals of the body portion 10.

It will be understood from the foregoing, that the straps 15 in engagement with the buckles 11, and in combination with the keepers 18, retain the neck shield A adjustably in connection with the body 10.

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

In a horse collar, the combination with the body portion having the terminals thereof unconnected, a sectional neck shield co-operating with said terminals comprising a central section and auxiliary side sections joined to the longitudinal sides of the central section, a metal strip centrally and longitudinally of the central section to support

the transverse edges of said central strip in
an upwardly curved position, a hook formed
with said metal strip adapted to retain the
hames on the collar, and straps secured to
5 the terminals of said strip provided with
perforations for attachment to the body
portion of said collar.

In testimony whereof I affix my signature
in presence of two witnesses.

ERASTUS D. HALE.

Witnesses:

J. B. MILLER,
J. W. MARTIN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
