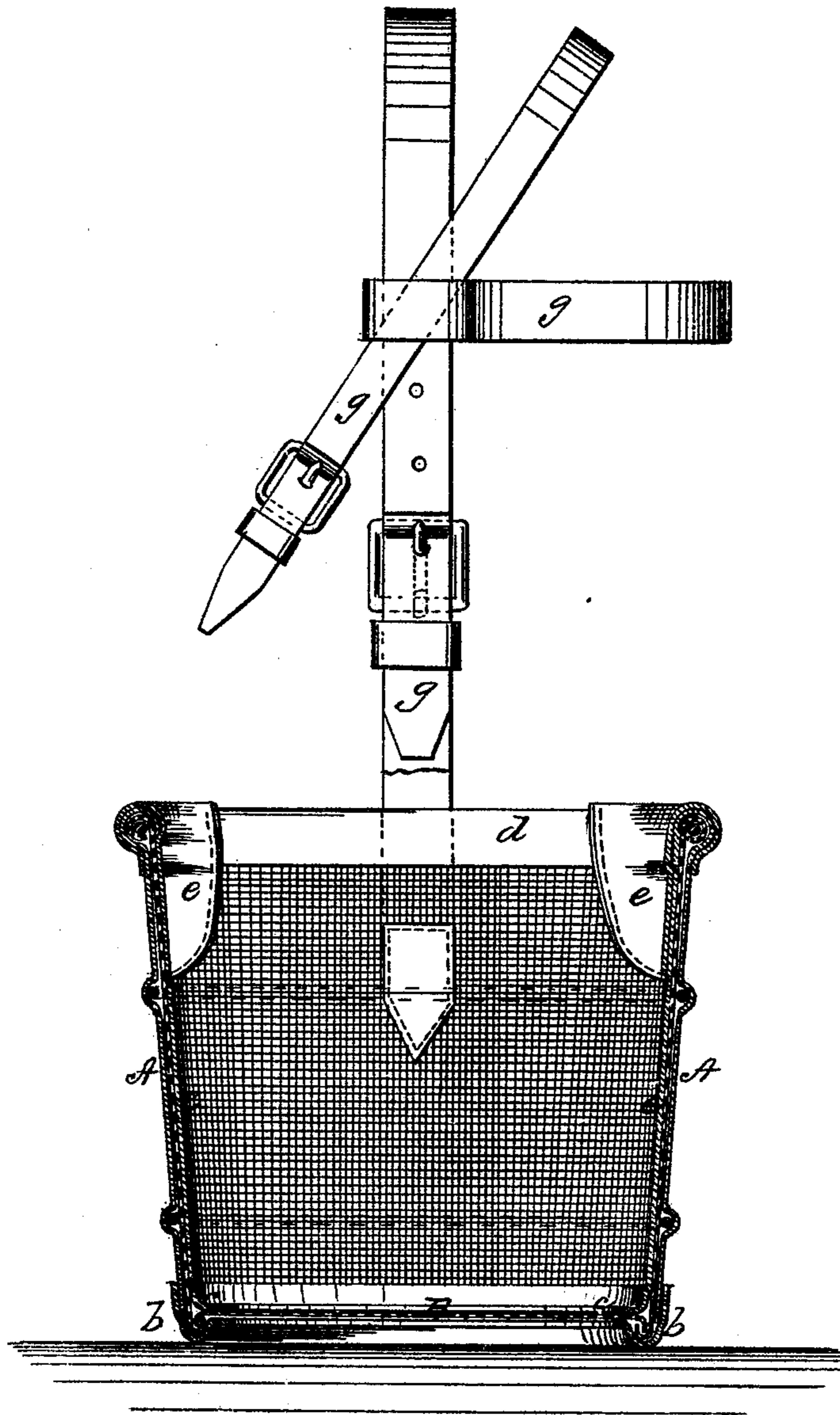


J. W. GEDNEY.

HORSE-MUZZLES.

No. 183,154.

Patented Oct. 10, 1876.



Witnesses:

H. L. Mattenborg
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Inventor:

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Atty

UNITED STATES PATENT OFFICE.

JAMES W. GEDNEY, OF NEW YORK, N. Y.

IMPROVEMENT IN HORSE-MUZZLES.

Specification forming part of Letters Patent No. **183,154**, dated October 10, 1876; application filed July 31, 1876.

To all whom it may concern:

Be it known that I, JAMES W. GEDNEY, of the city, county, and State of New York, have invented a new and useful Improvement in Horse-Muzzles; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making part of this specification.

This invention is in the nature of an improvement in muzzles for horses; and the invention consists in a horse-muzzle made from wire-netting, and constructed with the bottom made from a separate piece of gauze, and secured to the sides of the muzzle with an interlacing wire and a strip of leather on the outside, and a leather lining strip in the inside, in order to cover and re-enforce the seam, substantially as hereinafter specified.

In the accompanying sheet of drawings the figure is a longitudinal section of my improved horse-muzzle.

The purpose of this muzzle is to prevent the horse from eating his bedding or cribbing, &c., and at the same time provide proper ventilation, and free access of air to him while he is muzzled.

I am aware that wire muzzles have been made and used for oxen, and also muzzles made of wire-gauze have been used for horses; but it is believed that no horse-muzzle has heretofore been made with the bottom constructed of a separate piece of gauze from the sides of the muzzle, with a strip of leather stitched over and covering the seam formed by the junction of the bottom with the sides.

The advantages of this construction are, that since the bottom of the muzzle is subject to hard usage when covering the horse's nose, the bottom is likely to be bent and broken, rendering the muzzle unserviceable; but by my construction, the bottom being of a separate piece of gauze or other material, it can, if injured, be replaced without necessitating a renewal of the whole muzzle. Besides, in horse-muzzles of wire-gauze heretofore constructed, the bottoms are of convex form, and are sure to receive the pounding and injury incident thereto on the projecting convex surface.

By my construction the bottom is a plane surface, and the leather stitched around the edge formed by its junction with the sides of

the muzzle acts as a guard to fend off the blows, and preserve the muzzle from injury.

In describing my muzzle, A represents the sides, formed from wire netting or gauze, of any desired size and shape. To the lower edge of the sides is affixed the bottom B. This bottom may be secured to the sides in any convenient manner, but, preferably, by interlacing a wire through the meshes of the edge of the bottom and the meshes of the lower edge of the sides. To give additional stiffness to the muzzle at the junction of the bottom with the sides, an iron ring or hoop may be inserted within the muzzle, and resting against the bottom, where it is secured. A strip of leather, *b*, is next stitched around the seam at the junction of the bottom and the sides, so as to completely inclose and cover the seam, the stitches passing through the meshes, and a leather lining, *c*, placed against the bottom of the muzzle, as shown in the figure.

The upper edge of the muzzle is likewise protected and covered by a leather strip, *d*, and suitable pieces of leather, *e e*, are stitched to the muzzle at such points as would be likely to chafe the horse, thus protecting him from being chafed.

The muzzle is also provided with suitable straps and head-gear *g*, to keep it in position on the horse.

A muzzle being constructed in this way will not only be less liable to injury from any action on the part of the horse, but, if the bottom should become injured from any cause, it may be readily removed from the muzzle and a new one inserted at little cost, and the muzzle be restored to a useful condition without the necessity of an entire renewal.

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

The horse-muzzle above described, constructed of wire-netting, forming the sides, and having a bottom of similar material removably secured to the sides by an interlacing wire and an inside and outside strip of leather, substantially as and for the purpose described.

JAMES W. GEDNEY.

Witnesses:

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