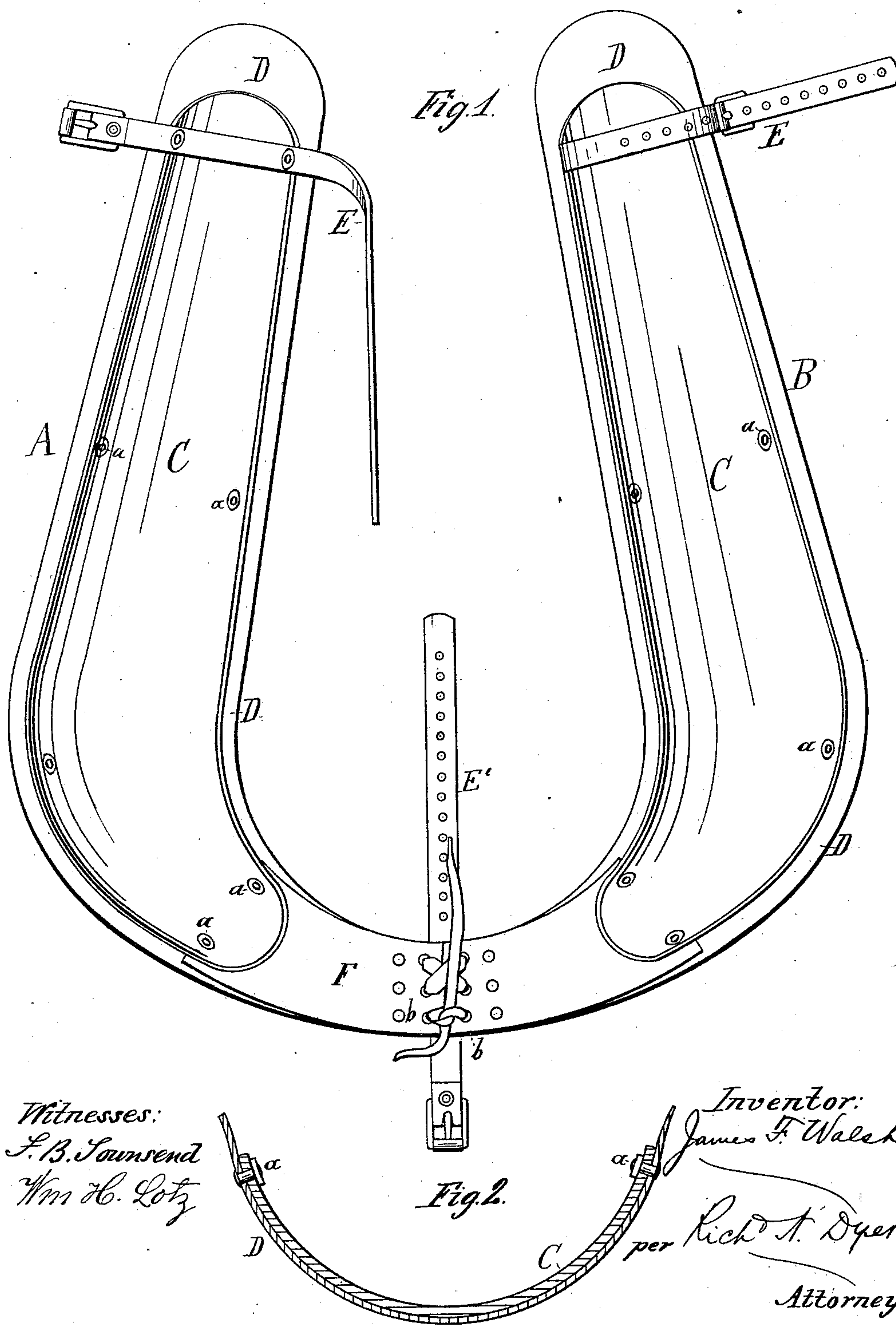


J. F. WALSH.
Horse Collar Pad.

No. 232,219.

Patented Sept. 14, 1880.



Witnesses:
F. B. Townsend
Wm H. Lotz

Inventor:
James F. Walsh,
per Richd. T. Dyer
Attorney

UNITED STATES PATENT OFFICE.

JAMES F. WALSH, OF CHICAGO, ILLINOIS, ASSIGNOR OF TWO-THIRDS OF HIS RIGHT TO WARREN J. ELLINWOOD AND GEORGE D. HOLTON, OF SAME PLACE.

HORSE-COLLAR PAD.

SPECIFICATION forming part of Letters Patent No. 232,219, dated September 14, 1880.

Application filed January 31, 1880.

To all whom it may concern:

Be it known that I, JAMES F. WALSH, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful
5 Improvements in Horse-Collar Pads, of which the following is a specification.

My invention relates to an improvement in the sweat-pad for the shoulder bearing-surfaces of horse-collars patented by me Decem-
10 ber 27, 1870, No. 110,518; and its object is to produce a pad which will be simpler and cheaper in construction and more efficient in use than that described in said patent.

My invention therein consists in the peculiar construction and in the several combinations of the parts composing my improved detachable pad for the shoulder bearing-surfaces of horse-collars, as fully hereinafter explained.

In the accompanying drawings, forming a
20 part hereof, Figure 1 is a view from the inside of both parts of the pad, and Fig. 2 a cross-section on a larger scale of one of the parts.

The pad is composed of two similar halves, A B. Each half or part has a plate, C, of any
25 suitable sheet metal, which may be rigid and stiff, or may be a spring metal, or may be moderately pliable. This plate is bent into a concavo-convex form to fit the shoulder bearing-surface of one side of the collar, it being made
30 in the shape and of the size of such bearing-surface. This plate is covered on the outside by a leather facing, D, which is secured to the plate by rivets *a* passed through near the edge of the plate. The upper pair of rivets also secures
35 a strap, E, by which that half of the sweat-pad is held to the collar near its top, while the lowest rivets pass through the shaved edge of an additional piece, F, of leather, which extends
40 the two leather facings are laced together, as shown at their lower ends, *b*. Another holding-strap, E', is secured by this lacing.

The pieces F of leather give additional strength to the lower flexible portion of the
45 sweat-pad, which is bent and twisted more or less every time the collar is opened, and at the same time these pieces do not injure in the least the smooth bearing-surfaces of the pad.

The leather facings D are stretched over the
50 metal plates before being secured, and they

form, when secured, hard smooth bearing-surfaces, not liable to become soft or wrinkled, and always kept cool by the metal plates. These leather facings extend above the upper ends of the metal plates and a short distance
55 on each side of the same, as also toward each other below the plates, as already mentioned.

This sweat-pad is made in several sizes to fit the various sizes of collars, and is attached by the straps E E' to the inner side of the col-
60 lar, from which it can be readily removed for any purpose by unbuckling such straps.

The pad, besides protecting the shoulders of the horse, prevents the wearing of the collar.

It will be noticed that I dispense with the
65 inner leather covering of my former patent, and with the short straps, which I make unnecessary by increasing the width of the metal plates and giving them more curve in cross-section.
70

This sweat-pad is simpler, cheaper, and better than that before patented by me.

As modifications of my device, the two parts of the pad may pass over the top of the neck and be fastened together by a strap or other
75 suitable means. Instead of the metal plates other equivalent stiffening and cooling material may be used. The metal plates may be perforated. The pad may be stuffed between the metal plates and leather facings. The fac-
80 ings may be secured to the plates by other means than rivets; and, if desired, the positions of the metal plates and leather facings may be reversed, so as to bring the metal on the outside next to the shoulders of the horse,
85 all without departing from the spirit of my invention.

What I claim as my invention is—

1. A detachable pad for the shoulder bearing-surfaces of horse-collars, composed of two
90 similar parts, A B, shaped to fit the shoulder bearing-surfaces of a horse-collar and adapted to be removably secured thereto, each of said parts being constructed of a concavo-convex metal plate, C, and a leather facing, D, se-
95 cured only on the outer side of the metal plate directly to the same, substantially as described and shown.

2. A detachable pad for the shoulder bearing-surfaces of horse-collars adapted to be re-
100

movably secured thereto, made of two similar parts, each composed of a metal plate covered only on its outer side by a facing of leather, and having the additional piece F of leather
5 secured to the lower end of the facing, substantially as described and shown.

3. The detachable horse-collar pad described, consisting of the metal plates C, leather fac-

ings D, riveted to the plates, additional leather pieces F, and straps E E', constructed and arranged substantially as described and shown. 10

JAMES F. WALSH.

Witnesses:

RICHD. N. DYER,
GEO. D. HOLTON.