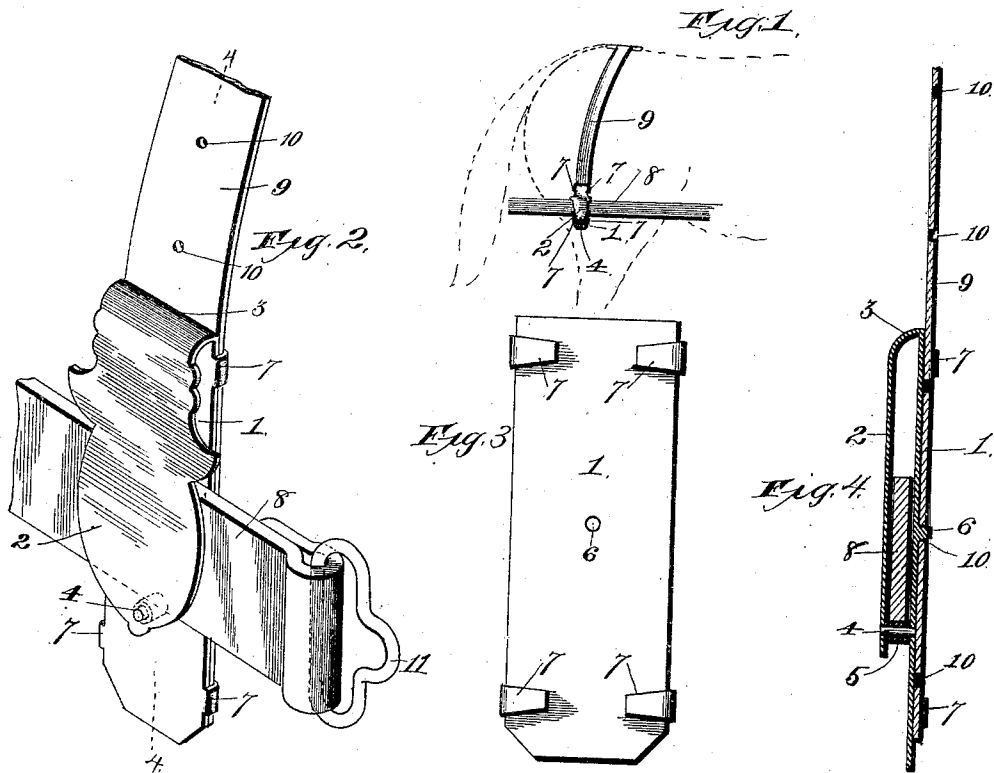


(No Model.)

C. W. BUCHER.
TRACE CARRIER.

No. 466,843.

Patented Jan. 12, 1892.



Witnesses:

W. L. Thorpe
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UNITED STATES PATENT OFFICE.

CLYDE W. BUCHER, OF INDEPENDENCE, MISSOURI, ASSIGNOR OF ONE-HALF
TO WALTER RIDER, OF SAME PLACE.

TRACE-CARRIER.

SPECIFICATION forming part of Letters Patent No. 466,843, dated January 12, 1892.

Application filed July 20, 1891. Serial No. 400,142. (No model.)

To all whom it may concern:

Be it known that I, CLYDE W. BUCHER, of Independence, Jackson county, Missouri, have invented certain new and useful Improvements in Trace-Supports for Harness, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming apart hereof.

My invention relates to that class of harness attachments which are designed to receive and support the traces; and the object of my invention is to produce a simple, inexpensive, and durable trace-carrier which shall properly support the trace at the animal's flank, so as to prevent the animal from being lashed by the traces and which shall also be of such construction as to prevent wear upon the traces while the carriers are in position.

To the above purposes my invention consists in certain peculiar and novel features of construction and arrangement as hereinafter described and claimed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved trace-carrier in position for use. Fig. 2 is an enlarged perspective view of the same. Fig. 3 is a reversed or inner side elevation of the same. Fig. 4 is a vertical cross-section of the same on the line 4 4 of Fig. 2.

In the said drawings, referring to Figs. 1, 2, 3, and 4, 1 designates the back or body portion of my improved trace-carrier, the said back or body portion being of substantially oblong rectangular form and being constructed from a plate of any suitable metal.

2 designates the face-plate of the carrier. This plate is formed integrally with the back or body portion 1 and is connected to the upper portion of said back or body by a bend 3, which is integral with the upper end of said back or body portion.

The face-plate 2 is shown as of less length than the body portion 1 and as of substantially the form of a shield. This precise contour of the face-plate is not, however, material to the essential spirit of my invention, and the said face-plate may be of any suit-

able or preferred ornamental form or contour, or it may be perfectly plain in form, as preferred.

The lower end of the face-plate 2 is connected to the corresponding portion of the back 1 by a rivet 4, or other suitable pin or projection, which thus extends transversely of the space between the outer surface of the back 1 and the inner surface of the face-plate 2, and this rivet or pin 4 is surrounded loosely by a sleeve 5 for a purpose to be presently explained.

In the center of the back 1 is formed a stud or projection 6, which extends outwardly from the outer surface of said back, and at its upper and lower portions this back 1 is formed with extensions 7, preferably integral with the back. These extensions 7 are formed in two pairs, one of which is near the upper end of the back and the other of which is near the lower end of the same, each extension of each pair being opposite the other and the said extensions being turned inwardly so as to extend parallel with the outer surface of the back at a slight distance therefrom.

In the figures, 8 designates the trace, and 9 a strap which extends downward from the crupper-strap of the harness and over the animal's flank. There are of course two of these straps 9 and two of the trace-carriers, and each strap 9 extends beneath the extensions 7 of the back 1, while the stud 6 of said back enters one of a number of holes 10, which are formed in the said strap 9. Thus the carriers are securely and adjustably connected to the straps 9 while the traces 8 are retained in proper working position and are prevented from lashing the animal's flanks. It will be further seen that the sleeve 5, upon which the lower edge of the trace 8 rests, serves by its rotation upon the rivet or pin 4 to prevent all wear of the trace. A suitable loop or cock-eye 11 is shown as attached to the rear end of the trace 8.

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

An improved trace-carrier comprising a vertically-elongated body or back portion, a

vertically-elongated face or front portion connected integrally at its upper end with the upper end of the back or body portion, a pin or rivet connecting the lower end of the face
5 portion with the body portion, a bearing-sleeve loosely surrounding the pin or rivet, a stud projecting outwardly from the outer side of the back or body portion, and two pairs of extensions located, respectively, at the upper
10 and lower parts of the back or body portion

and extending inwardly parallel with and at a slight distance from the outer face of the back portion, substantially as set forth.

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

CLYDE W. BUCHER.

Witnesses:

JNO. L. CONDRON,
H. E. PRICE.