

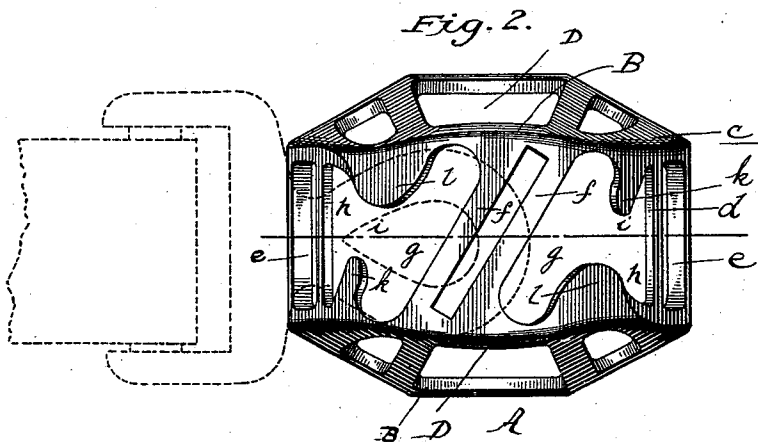
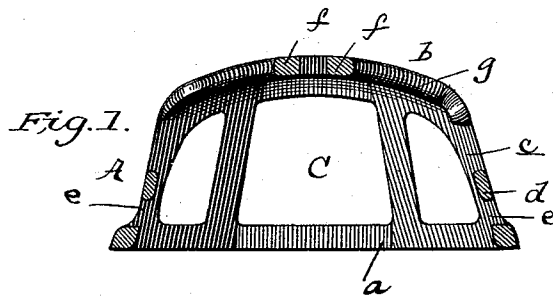
(No Model.)

2 Sheets—Sheet 1.

L. E. McCAHAN.
TRACE CARRIER.

No. 539,533.

Patented May 21, 1895.



Witnesses.

George W. Brown
J. H. Brown

Inventor.

Lewis E. McCahan

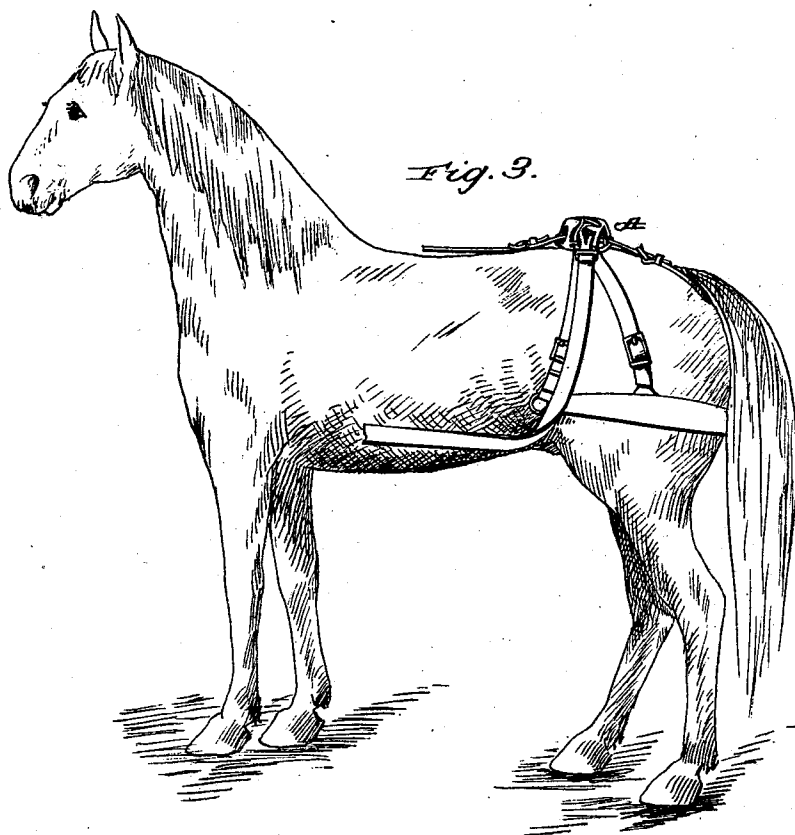
(No Model.)

2 Sheets—Sheet 2.

L. E. McCAHAN.
TRACE CARRIER.

No. 539,533.

Patented May 21, 1895.



Witnesses:

C. A. Raeder
R. F. Matthews.

Inventor

L. E. McCahan

By James J. Shuby

Attorney.

UNITED STATES PATENT OFFICE.

LEWIS E. MCCAHAN, OF LONG PINE, NEBRASKA, ASSIGNOR OF ONE-FOURTH
TO CHARLES R. GLOVER, OF SAME PLACE.

TRACE-CARRIER.

SPECIFICATION forming part of Letters Patent No. 539,533, dated May 21, 1895.

Application filed April 19, 1893. Serial No. 471,055. (No model.)

To all whom it may concern:

Be it known that I, LEWIS E. MCCAHAN, a citizen of the United States, residing at Long Pine, in the county of Brown and State of Nebraska, have invented certain new and useful Improvements in Trace-Carriers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to make and use the same.

This invention has relation to an improvement in that class of trace carriers in which an elevated frame is employed, and the device is adapted for attachment to the back strap and hip straps of a harness, and it has for its object to improve such devices by facilitating the insertion of the cock eye and preventing the same from being casually disconnected; the construction being such that the cock eye may be placed in the carrier without necessarily making the construction of the latter tall or high.

The invention will be fully understood from the following description and claim when taken in connection with the annexed drawings, in which—

Figure 1 is a longitudinal vertical sectional view of my improved device. Fig. 2 is a plan view of the same with the cockeye in position and a part of a trace in dotted lines. Fig. 3 is a view of a horse carrying a part of a harness with my improved device attached and showing a trace carried thereby.

Referring by letter to said drawings:—A, indicates my improved device, which comprises a base *a*, which may be either angular or round in cross section and of an elongated circular form in outline. Rising from the base is an elevated frame *b*, which is of a height as illustrated, and is composed of upright branches *c*, arranged in pairs at the opposite sides of the frame, and these corner or lateral uprights are connected by means of cross bars *d*, a slot *e*, being formed between the base frame and said cross bars for the passage of the hip straps.

B, indicates two longitudinally disposed bars which connect the uprights *c*, and these longitudinal top bars are arranged approximately parallel to each other, being connected about midway of their length by oblique bars

f. Formed one on each outer side of these oblique cross bars, are slots *g*, which are also obliquely disposed, and open into lateral slots *h*, which are horizontally disposed; a contracted passage *i*, being formed between the slots *g*, and *h*, by the rounded shoulders *k*, and *l*, which extend inwardly in opposite directions from the bars B.

C, indicates a passage or way for the back strap. This passage C, coincides or registers with the passage D, for the outlet of the back strap at the rear.

In applying the device to a harness, it is not necessary to employ buckles or other fastening devices; the back strap being passed through the slots or ways *c*, and *d*, and the device adjusted thereon at the point where the hip straps are attached to the back strap. The hip straps are then passed, one through each slot *e*, when the device will be secured to the harness in the position shown in Fig. 3 of the drawings, with one slot *g*, disposed on each side and in a convenient position to receive the cock eye. In attaching the trace, the cock eye must be inserted first in the top oblique slot *g*, thence turned transversely within said slot and drawn into the contracted passage *i*, which is of a less width than the reduced portion of the cock-eye after which the movement of the cock eye must be reversed or the turning continued so as to make a half revolution from the time it is first entered into the oblique slot. The slot *h*, is of a less length than the slot *g*, and it will be seen that while the cock eye may be free to rotate or otherwise move after being placed in the carrier, yet to take it out of the carrier it is necessary to make two separate partial turns before it can be withdrawn and the same is true in inserting it.

These devices may be cheaply manufactured as they can be formed entire, and they require no special construction of parts or provision for the attachment.

I am well aware that it is old to provide a trace carrier having an elevated frame, with two openings corresponding in shape to a cock eye when arranged edgewise and two other openings arranged at the lower ends of the first named openings and disposed at right angles thereto, so that it is necessary in order

to secure a cock-eye to the carrier to insert
said cock-eye in one of the first named open-
ings and then turn it half-way around so as to
seat it in one of the last named openings. I
5 therefore make no claim to such construction,
but

What I claim, and desire to secure by Let-
ters Patent, is—

10 The improved trace carrier herein described
consisting essentially of the base *a*, having
the lateral, horizontally-disposed slots *e*, the
transverse, horizontally-disposed slots *C*, and
D, the uprights *c*, the two parallel bars *B*, con-
necting the uprights *c*, at their upper ends,

the oblique bars *f*, connecting the bars *B*, 15
about midway the length thereof, and the ob-
lique slots *g*, having the contracted passages
i, of a less width than the reduced portions
of the cock-eye, and the lateral slots *h*, at the
base of said passages, the whole formed en- 20
tire and adapted to receive the back strap
and the hip straps of a harness so as to be
attached thereto without buckles or other
means, substantially as specified.

LEWIS E. MCCAHAN.

Witnesses:

FRED COX,
G. E. FORT.