

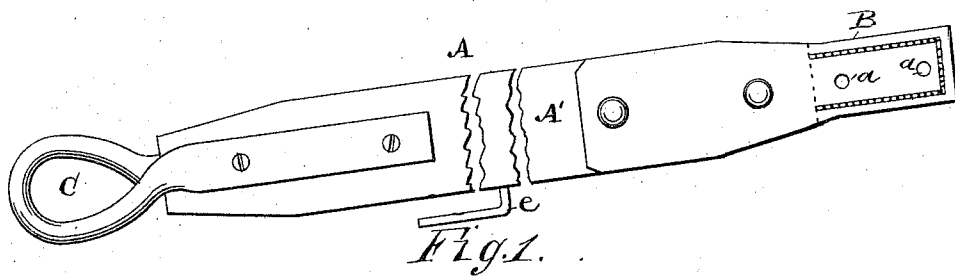
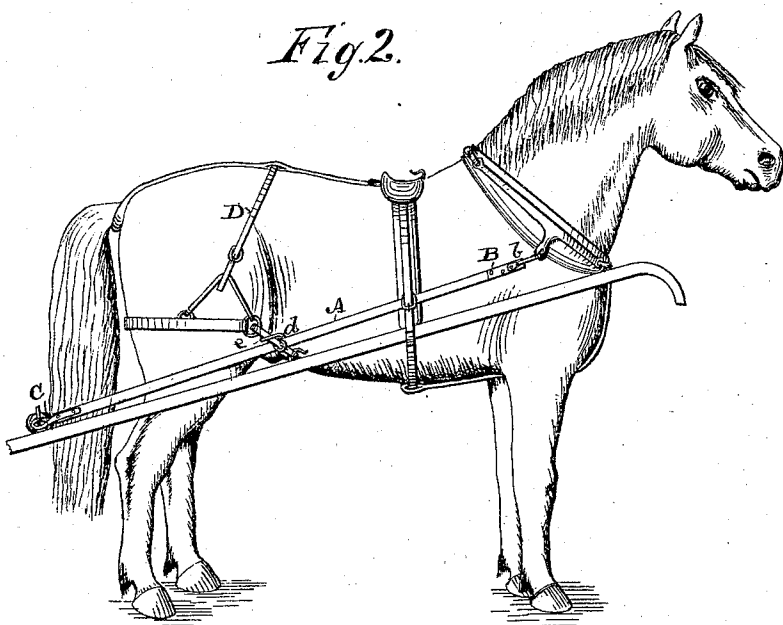
T. J. MANSFIELD.

HARNESS TRACES.

No. 184,252.

Patented Nov. 14, 1876.

Fig. 2.



Witnesses:
L. Van Riewick.
D. G. Stuart

Inventor:
Shos. J. Mansfield
W. B. Richards & A. McCallum
Atty

UNITED STATES PATENT OFFICE.

THOMAS J. MANSFIELD, OF WOODHULL, ILLINOIS.

IMPROVEMENT IN HARNESS-TRACES.

Specification forming part of Letters Patent No. **184,252**, dated November 14, 1876; application filed February 24, 1876.

To all whom it may concern:

Be it known that I, THOMAS J. MANSFIELD, of Woodhull, county of Henry, and State of Illinois, have invented certain Improvements in Harness-Traces, of which the following is a specification:

My invention relates to improvements in harness-traces; and consists in making them of wood connected with other parts of the harness to support them, all as hereinafter fully described.

In the accompanying drawings, Figure 1 is a side elevation of my improved trace. Fig. 2 is a side elevation of a portion of a set of harness and of my improvement.

Referring to the parts by letters, letter A represents my improved trace, formed of a wooden bar, A', having a leather front end, B, and an eye, C, on its rear end. The leather is pierced with holes *a*, by means of which it may be buckled to the hames-tug buckle *b* of an ordinary harness, and the eye C may be engaged with the hook of an ordinary single-tree.

In use the rear portion of the trace may be passed through the ordinary loop *d* on the lower end of the hip-strap D, and a hook, *e*, may be placed on the under side of the trace,

to prevent the hip-strap slipping too far forward thereon.

This wooden trace A may be attached, as described, to any ordinary harness, and will be found useful in all such situations as elevating hay by a horse-fork, or where the single-tree is attached to a rope or chain, and is liable, in turning or in backing, to fall against the draft-animal's legs.

It will be seen that the wooden trace will support the single-tree, and if two draft-animals are used, the four traces will support the single-trees and double trees.

What I claim as new, and desire to secure by Letters Patent, is—

A harness-trace constructed, as described, with a wooden portion, A', a flexible end, B, and a rigid eye or hook, C, at its other end, and with a hook, *e*, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my invention I have hereunto affixed my signature this 24th day of August, 1875.

THOMAS J. MANSFIELD.

Witnesses:

THOMAS MCKEE,
LEWIS HURD.