

P. J. SCHMITZ.

Attachment for Traces.

No. 124,451.

Patented March 12, 1872.

Fig. 1.

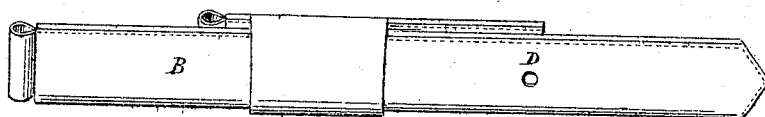


Fig. 2.

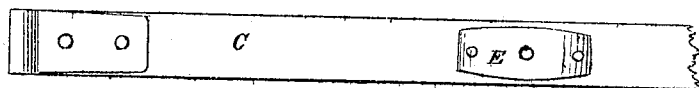
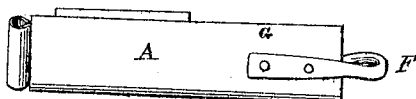


Fig. 3.



Witnesses,

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UNITED STATES PATENT OFFICE.

PETER J. SCHMITZ, OF WINONA, MINNESOTA.

IMPROVEMENT IN ATTACHMENTS FOR TRACES.

Specification forming part of Letters Patent No. 124,451, dated March 12, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, PETER J. SCHMITZ, of Winona, in the county of Winona and in the State of Minnesota, have invented an Improved Trace Attachment or Coupling for Harness; and do hereby declare that the following description, taken in connection with the accompanying drawing hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvement, by which my invention may be distinguished from others of a similar class, together with such parts as I claim and desire to secure by Letters Patent.

My invention relates to that portion of the harness or equipments of a draft-horse commonly known as the trace or tug; and the nature thereof consists in certain modifications in the details of the construction of the same, hereinafter described.

In the accompanying plate of drawing, which illustrates my invention and forms a part of the specification thereof, Figure 1 is a view of the outer side of the tug. Fig. 2 illustrates a portion of the metallic lining, and Fig. 3 the inner part.

The construction, operation, and relative arrangement of the component parts of my invention are as follows:

In the said drawing, A and B designate, respectively, parts of the tug, which are connected together by a buckle and loop in the

ordinary manner. The part B of the tug is provided with a metallic lining, C, of spring steel. A buckle-hole, D, is cut through the said metallic lining and provided with a raised plate, E, of softer metal, bolted to the said lining for the purpose of preventing the buckle-tongue from being cut. That part of the tug A which is attached to the hame is provided with the metallic eye F, bolted and riveted to the spring-steel lining and leather covering G.

Traces or hame-tugs of this construction possess marked advantages over those heretofore in use, in that no heavy stitching is required in their construction. They last much longer and cost less. They do not rip or tear at the buckle-hole, and may be compactly constructed.

Having described the construction of my invention, I will state what I claim, and desire to secure by Letters Patent, in the following clause—that is to say—

I claim, as a new article of manufacture, a trace or hame-tug provided with a soft or hard metallic lining, when the holes for the insertion of the buckle are provided with a plate of softer metal secured thereto, as and for the purposes described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 4th day of September, 1871.

PETER J. SCHMITZ. [L. S.]

Witnesses:

JACOB STORY,
H. E. CURTIS.