

G. W. SLAUSON & C. H. TRIPHAGEN.

TRACES FOR HARNESS.

No. 175,179.

Patented March 21, 1876.

Fig. 1.

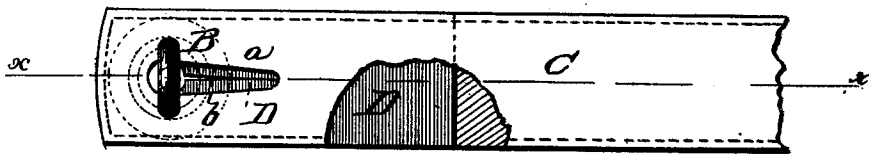
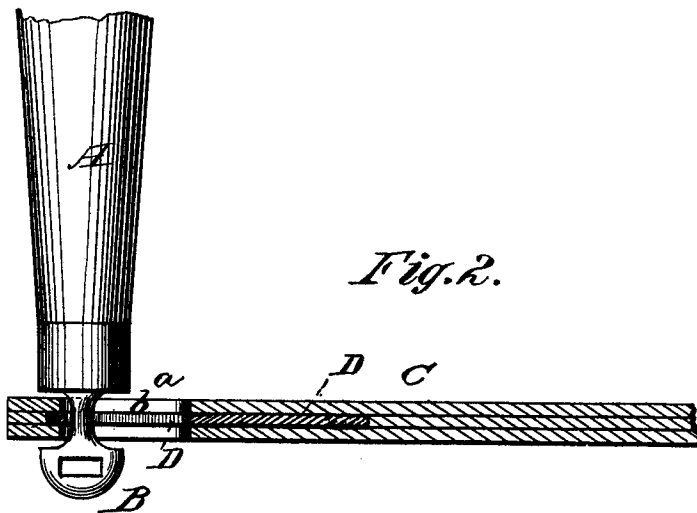


Fig. 2.



Witnesses:

P. C. Dieterich.

Amos B. Upperman

Inventors:
George W. Slauson
Charles H. Triphagen.

Per: *C. H. Watson & Co.* Attorneys.

UNITED STATES PATENT OFFICE.

GEORGE W. SLAUSON AND CHARLES H. TRIPHAGEN, OF PEWAMO, MICH.

IMPROVEMENT IN TRACES FOR HARNESS.

Specification forming part of Letters Patent No. **175,179**, dated March 21, 1876; application filed February 11, 1876.

To all whom it may concern:

Be it known that we, GEORGE W. SLAUSON and CHARLES H. TRIPHAGEN, of Pewamo, in the county of Ionia and State of Michigan, have invented certain new and useful Improvements in Fastening Traces to Whiffletrees; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Our invention relates to the ordinary trace-fastening, consisting of a slot formed in the end of a trace, and adapted to receive a metal eye on the end of a whiffletree; and it consists in providing the slotted end of the trace with a piece of sheet-rubber, sewed into the same, and filling the slot therein except at the rear end, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a side elevation, and Fig. 2 a central horizontal section.

A represents a whiffletree, provided at its end with the ordinary T-shaped eye B. C represents the trace, provided at or near the end with the usual slot *a* for the passage of the eye B. D is a piece of sheet-rubber, stitched between the pieces of leather that form the trace. This rubber fills the slot *a* with the

exception of the rear end, where a round hole is left the size of the shank of the eye B. There is also a slit, *b*, cut in the rubber D in the slot *a* to admit of the passage of the head of the eye B. When this head is passed through, the rubber closes around the shank and fastens it securely, so that it cannot unhook.

We are aware that elastic material has been used, in combination with metal plates, &c., for curtains and the like, and we do not, broadly, claim such as our invention; but by our construction all metal plates are dispensed with, and a security given to traces never before attained by so simple and cheap device. It does not materially add to the expense of the trace.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The trace C, provided with the usual slot *a*, in combination with the rubber D, fastened between the two parts of the trace, as shown, and provided with a perforation at the lower end, constructed and arranged as and for the purpose set forth.

In testimony that we claim the foregoing as our own we affix our signatures in presence of two witnesses.

GEORGE W. SLAUSON.
CHARLES H. TRIPHAGEN.

Witnesses:

MARY PARTLOW,
EDWARD VAN LEWEN.