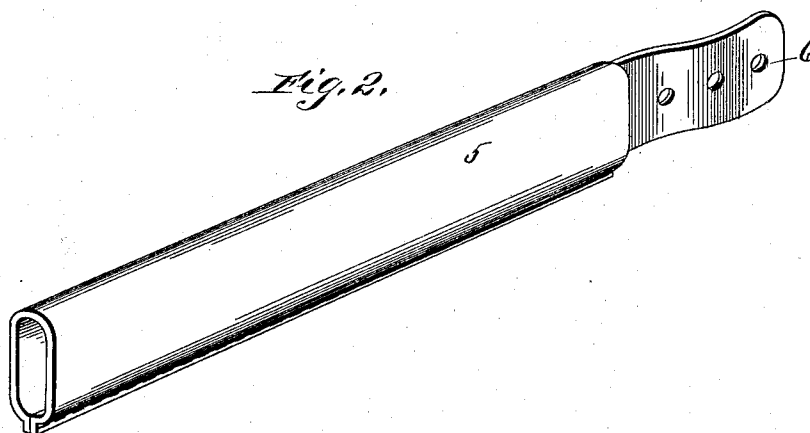
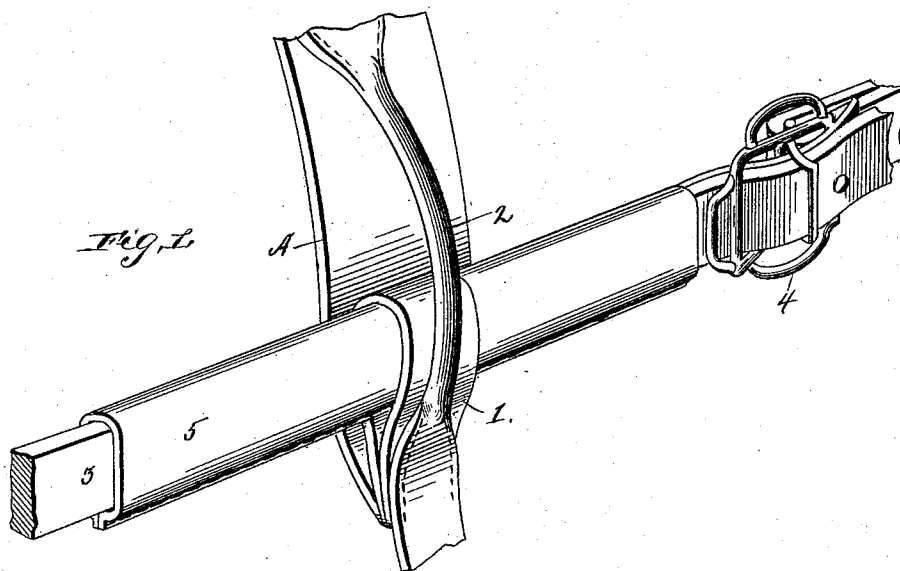


(No Model.)

T. H. LEE.
TRACE PROTECTOR.

No. 477,560.

Patented June 21, 1892.



Witnesses:

A. L. Caylor
S. B. Riden

Inventor:

Thomas H. Lee.

UNITED STATES PATENT OFFICE.

THOMAS H. LEE, OF GREENUP, ILLINOIS.

TRACE-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 477,560, dated June 21, 1892.

Application filed August 10, 1891. Serial No. 402,305. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. LEE, a citizen of the United States, residing in the township of Greenup, in the county of Cumberland and State of Illinois, have invented a new and useful Improvement in Harness, of which the following is a specification.

My invention relates to a device for protecting the traces of a harness, the object being to combine with the trace a protecting sleeve or cover secured by the trace-buckle, but readily removable when worn.

The invention consists in the combination, with a trace, trace-buckle, and back-band of a harness, of a removable sleeve, through which the trace passes, said sleeve being provided with a tongue-extension, which is secured by the trace-buckle.

In the accompanying drawings, Figure 1 is a view in perspective of parts of a harness, with my improvement applied thereto. Fig. 2 is a view in perspective of the protecting-sleeve detached.

A indicates the back-band of the harness, provided with a trace-loop 1, secured to an outer loop 2.

3 indicates the trace, and 4 the trace-buckle. 5 indicates the improved protecting-sleeve, preferably made of leather or other yielding material and formed with a tongue-extension 6. This sleeve 5 is adjusted upon the trace, as shown in Fig. 1, and is held by the engagement of its tongue 6 with the tongue of the buckle 4. It will be apparent that this sleeve will protect the trace from undue wear caused by frictional contact with its supporting-loop, and, further, that the sleeve may be readily renewed or replaced when worn.

I claim as my invention—

The combination, with the back-band, trace, and trace-buckle, of a removable protecting-sleeve 5, through which the trace passes, provided with a perforated tongue-extension 6, resting on the inner side of the trace and secured by the trace-buckle, substantially as described.

THOMAS H. LEE.

Witnesses:

HARRY KELLOM,
A. L. WILLIAMS.