

(No Model.)

J. C. HORNER.
WHIFFLETREE HOOK.

No. 272,255.

Patented Feb. 13, 1883.

Fig. 1.

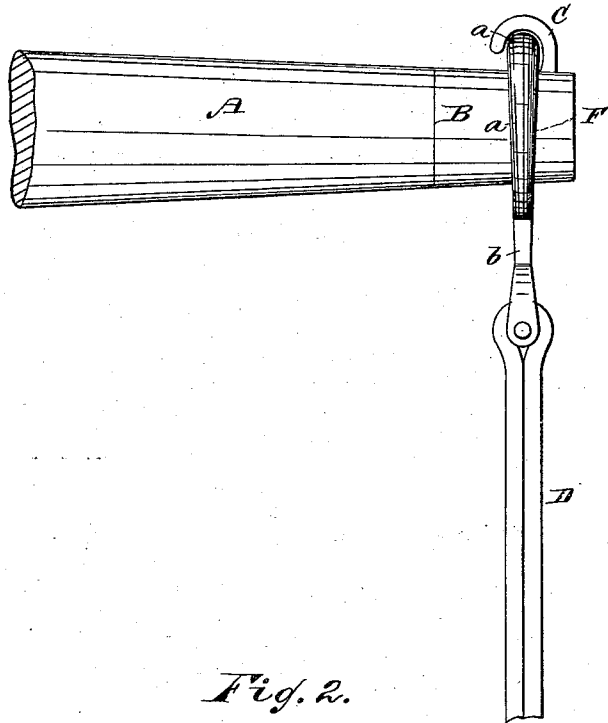
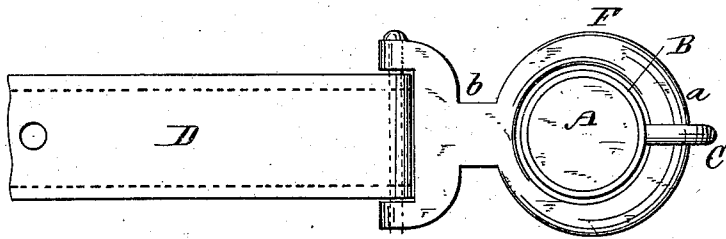


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN C. HORNER, OF LEON, IOWA.

WHIFFLETREE-HOOK.

SPECIFICATION forming part of Letters Patent No. 272,255, dated February 13, 1883.

Application filed May 8, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. HORNER, of Leon, in the county of Decatur and State of Iowa, have invented a new and useful Improvement in Whiffletree-Hooks, of which the following is a full, clear, and exact description.

The nature of my invention consists in the construction and arrangement of a trace-fastening, which will be hereinafter more particularly set forth.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a plan view, and Fig. 2 an end view, of my improved trace-fastener.

A represents a whiffletree, on the end of which is secured a metallic ferrule, B.

On the rear side of the whiffletree, near the end, is fastened a hook, C, which is either passed through or secured to the ferrule, and points inward, as shown.

D is the trace, to the end of which is attached the cockeye or eye-piece F. This eye is made tapering from the outside toward the shank, as shown in Fig. 1—that is to say, the metal is thicker at the outside at *a*, and then gradu-

ally tapers or diminishes in thickness toward the shank at *b*. In addition thereto the eye is made wider at *a* than at each side of the shank.

The point of the hook C on the whiffletree is so arranged that the distance between it and the ferrule will be sufficient to admit the smallest portion of the eye when laid flat, but no other part.

In hooking the trace the eye is laid flat on the whiffletree until its smallest part can pass under the point of the hook C, when the eye will drop down over the end of the whiffletree and be held in place by the hook. The trace can be quickly detached in the same manner.

This fastening may also be applied to neck-yokes or any other part of a harness.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The eye F, made tapering both in width and thickness from *a* to *b*, as described, in combination with the hook C and whiffletree or equivalent article, substantially as and for the purpose herein set forth.

JOHN C. HORNER.

Witnesses:

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JOHN BELL.