

(No Model.)

I. KOHN.
WHIFFLETREE HOOK.

No. 306,838.

Patented Oct. 21, 1884.

Fig. 1.

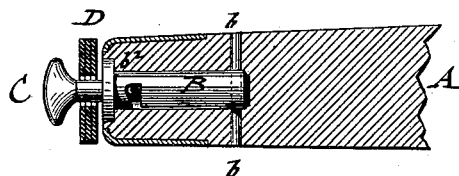


Fig. 2.

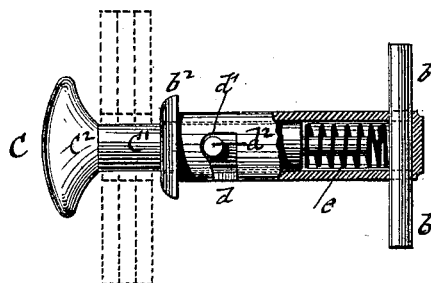


Fig. 3.

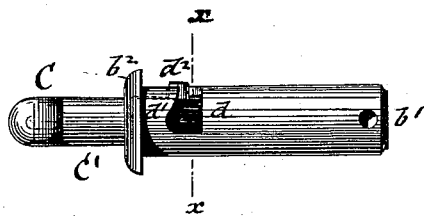
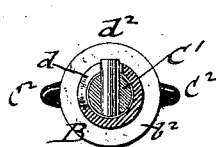


Fig. 4.



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WHIFFLETREE-HOOK.

SPECIFICATION forming part of Letters Patent No. 306,838, dated October 21, 1884.

Application filed March 27, 1884. (No model.)

To all whom it may concern.

Be it known that I, IGNAZ KOHN, of the city of New York, in the county and State of New York, have invented certain new and useful

5 Improvements in Trace-Holders for Whiffletrees, of which the following is a specification.

This invention has reference to an improved trace-holder for whiffletree by which the traces can be quickly applied to and detached from the tree; and the invention consists of a socket secured to the end of the whiffletree, and having a transverse slot with notched ends, and of a spring-actuated bolt guided in said socket and provided with a pin that slides in

15 the transverse slot of the socket. The spring-bolt is provided with an exterior T-shaped head, which serves to hold the trace.

In the accompanying drawings, Figure 1 represents a vertical central section of a whiffletree with my improved trace-holder attached thereto. Fig. 2 is a side view of the trace-holder on a larger scale, with a part broken off. Fig. 3 is an end view of the same, and Fig. 4 a vertical transverse section on line *xx*,

25 Fig. 3.

Similar letters of reference indicate corresponding parts.

A in the drawings represents a whiffletree, into a mortise at the end of which the socket B of the trace-holder C is secured by a transverse pin, *b*, the pin passing through a transverse hole, *b'*, at the inner end of the socket B. The socket B is provided with an annular rim, *b''*, at the outer end, that is flush with the end of the whiffletree. The socket B has a transverse slot, *d*, which is provided with rests or notches *d'* at both ends. The shank *C'* of the trace-holder C is inserted into the socket B, the inner end of the shank being of less thickness, so as to permit the interposition of a spiral spring, *e*, between the fastening-pin *b* and shoulder of the shank *C'*, as shown in Fig.

2. A pin, *d''*, is rigidly secured into the shank

C', and guided by transverse slot *d* when the trace-holder C is turned on its axis. The slot *d* is made of such length so that the trace-holder can be turned through an angle of ninety degrees. The trace-holder C has at its outer end an enlarged T-shaped head, over which the slitted end of the trace D is slipped when the head is placed in line with said slit. As soon as the trace is slipped on the shank *C'* the T-shaped head of the trace-holder C is turned into a position at right angles to the slit of the trace, whereby the pin *d''* is passed along the slot *d*, and retained by the rest or notch *d'* at the opposite end of the same.

The trace-holder is made up ready for immediate application to new or old whiffletrees, and forms a convenient device for attaching or detaching the traces to and from the same.

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

1. The combination of a whiffletree, A, a guide-socket, B, inserted into the end of the whiffletree, said guide-socket having a transverse slot, *d*, and end notches, *d'*, a transverse fastening-pin, *b*, and a trace-holder, C, having an enlarged head, *C'*, shank *C'*, and guide-pin *d''*, and a spiral spring, *e*, interposed between the inner end of the shank *C'* and the pin *b*, substantially as set forth.

2. A trace-holder for whiffletrees, consisting of a guide-socket, B, having a transverse slot, *d*, and end notches, *d'*, and of a spring-actuated trace-holder, C, having an enlarged head, *C'*, and a shank, *C'*, the latter being provided with a pin, *d''*, guided in the slot *d* of said socket, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

IGNAZ KOHN.

Witnesses:

PAUL GOEPEL,
SIDNEY MANN.