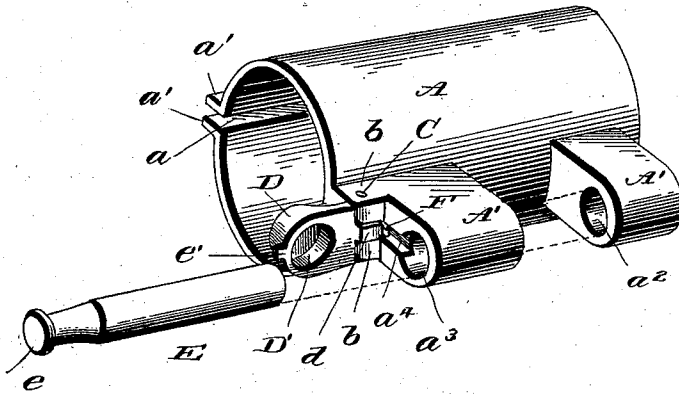


(No Model.)

H. P. EGEDAL.
WHIFFLETREE HOOK.

No. 532,146.

Patented Jan. 8, 1895.



Witnesses

L. C. Mills
C. H. Bond

Inventor:

Hans P. Egedal,
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Atty.

UNITED STATES PATENT OFFICE.

HANS P. EGEDAL, OF THOR, IOWA.

WHIFFLETREE-HOOK.

SPECIFICATION forming part of Letters Patent No. 532,146, dated January 8, 1895.

Application filed July 3, 1894. Serial No. 516,409. (No model.)

To all whom it may concern:

Be it known that I, HANS P. EGEDAL, a citizen of the United States, residing at Thor, in the county of Humboldt, State of Iowa, have invented certain new and useful Improvements in Whiffletree-Hooks, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to certain new and useful improvements in whiffletree hooks, and it has for its object among others to provide a simple and cheap device for attachment to the end of the whiffletree and constructed to permit of the ready hitching of the end of the trace or its removal and yet accidental disengagement of the trace is rendered impossible.

Other objects and advantages of the invention will hereinafter appear and the novel features thereof will be specifically defined by the appended claims.

The invention is clearly illustrated in the accompanying drawing, which, with the letters of reference marked thereon, forms a part of this specification, and in which the drawing represents a perspective view of my improved attachment with the movable part thrown open and the pin removed.

Referring now to the details of the drawing by letter, A designates a tubular portion adapted to be fitted on the end of a whiffletree, and this portion may be divided longitudinally as seen at *a* and formed with lugs *a'* as shown in the same view which lugs are adapted to receive bolts or other means to secure the same upon the whiffletree. This tubular portion is formed with two lugs or ears *A'* between which the end of the trace is designed to be held. One of these lugs is formed with a socket *a²* to receive one end of the locking pin or bolt. The other lug is formed with a longitudinal bore *a³* in which the said pin or bolt works. As seen the lug with the longitudinal bore is formed with the ears *b* between which is held the tongue *d* of the cap D which is pivoted on the pin C held

in said ears and passed through said tongue as shown. This cap is formed with a recess or socket *D'* as seen to receive the head *e* of the pin or bolt E and with a teat or finger piece *e'* by which the cap may be more easily turned on its pivot. The tongue of the cap projects beyond the inner face of the cap as seen, and the end of the lug is formed with a recess *a⁴* to receive the same when the cap is closed, thus serving to prevent sidewise movement of the cap. A spring F is arranged back of the tongue of the cap to hold the latter in its closed position. When the pin or bolt is in position with its inner end seated in the socket of the lug *A'* the head of the bolt will be held in the socket of the cap and the spring holds the cap in position and the pin cannot become displaced. It can, however, be removed when the cap is thrown open.

What I claim as new is—

1. The combination with the body portion having lugs one of which is provided with a socket and the other with a longitudinal bore, and ears, of a cap having a socket and a tongue pivoted between said ears, a spring acting upon the tongue of said cap, and a movable bolt with a head, substantially as specified.

2. The combination with the tubular portion with lugs one of which has a socket and the other a longitudinal bore with ears, and a groove, of a cap provided with a socket and finger-piece and a tongue pivoted between said ears and projecting beyond the inner face of the cap to engage said groove, a spring acting upon the rear of said tongue, and an endwise movable bolt adapted to work in the said bore, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

HANS P. EGEDAL.

Witnesses:

CHAS. B. ATZER,
H. O. HOGAN.