

(No Model.)

J. A. LITTLE.

TUG FASTENER FOR WHIFFLETREES.

No. 307,125.

Patented Oct. 28, 1884.

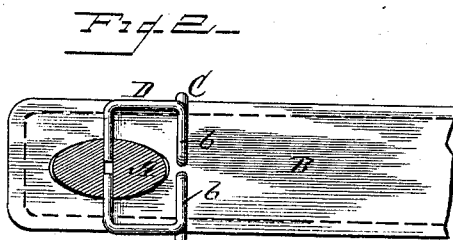
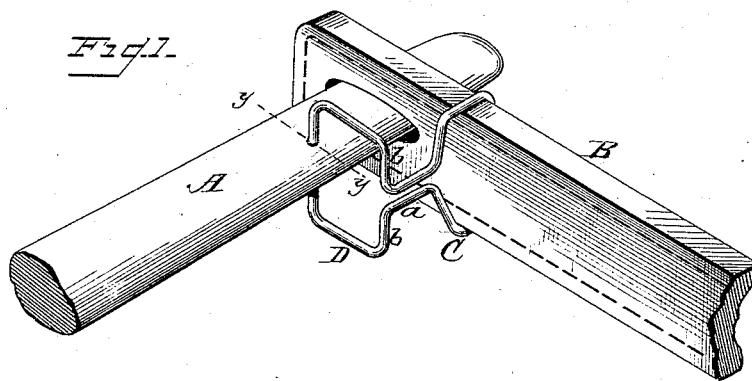


Fig. 3.

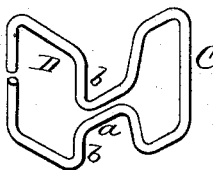
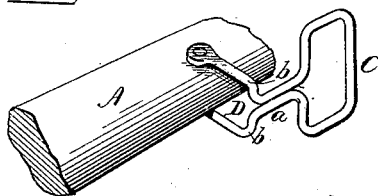


Fig. 4.



WITNESSES
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TUG-FASTENER FOR WHIFFLETREES.

SPECIFICATION forming part of Letters Patent No. 307,125, dated October 28, 1884.

Application filed July 14, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. LITTLE, a citizen of the United States, residing at Cartersburg, in the county of Hendricks and State of Indiana, have invented certain new and useful Improvements in Tug-Attaching Device; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my invention; Fig. 2, a sectional view taken on line *yy* of Fig. 1; Fig. 3, a detail view in perspective of the wire loop; and Fig. 4, a view showing a modification of the means used for attaching the loop to the single-tree.

The present invention has for its object to provide simple and effective means for connecting the tugs or traces to the single-tree of a vehicle; and it consists in the details of construction substantially as shown in the drawings, and hereinafter described and claimed.

In the accompanying drawings, A represents one end of a single-tree, and B the tug or trace having the usual opening to slip it over the end of the single-tree.

As a means of holding the tug or trace on the end of the single-tree, I provide a loop, C, through which the tug passes. This loop C is formed of wire, the ends of the wire immediately in the rear of the loop being brought together to form a strong and rigid shank, *a*. After being thus brought together to form the shank *a*, the ends of the wire extend upward, as shown at *b*, at right angles to the shank, and thence in a direction at right angles to the loop to form a frame or yoke, D. This yoke

D, I pivot to the upper and lower sides of the single-tree A, and its position with relation to the loop C admits of the latter being brought parallel with the single-tree or at a right angle or acute angle when necessary to disconnect the tug or trace. The yoke D may be pivoted to the single-tree in any suitable manner, either by bending the ends of the yoke downward and have them enter a hole in the upper and lower sides of the whiffletree or single-tree, so that the loop may be swung outward, as desired, in holding the tug or trace in position or swung back in releasing it.

In Fig. 4 I have shown a modification of the means used for connecting the yoke to the single-tree, which consists in forming eyes on the extremity of the ends of the yoke and using a rivet or bolt passing through the eyes and through the single-tree.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A device for holding tugs or traces on whiffletrees or single-trees, consisting of a wire loop through which the end of the tug or trace passes, the wire being brought together to form a shank at the rear of the loop, the ends bent upward at right angles to the shank, and thence outward to form a yoke at right angles to the loop, which is pivoted to the whiffletree or single-tree, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES A. LITTLE.

Witnesses:

CHARLES PREWITT,
JOHN W. CARRIER.