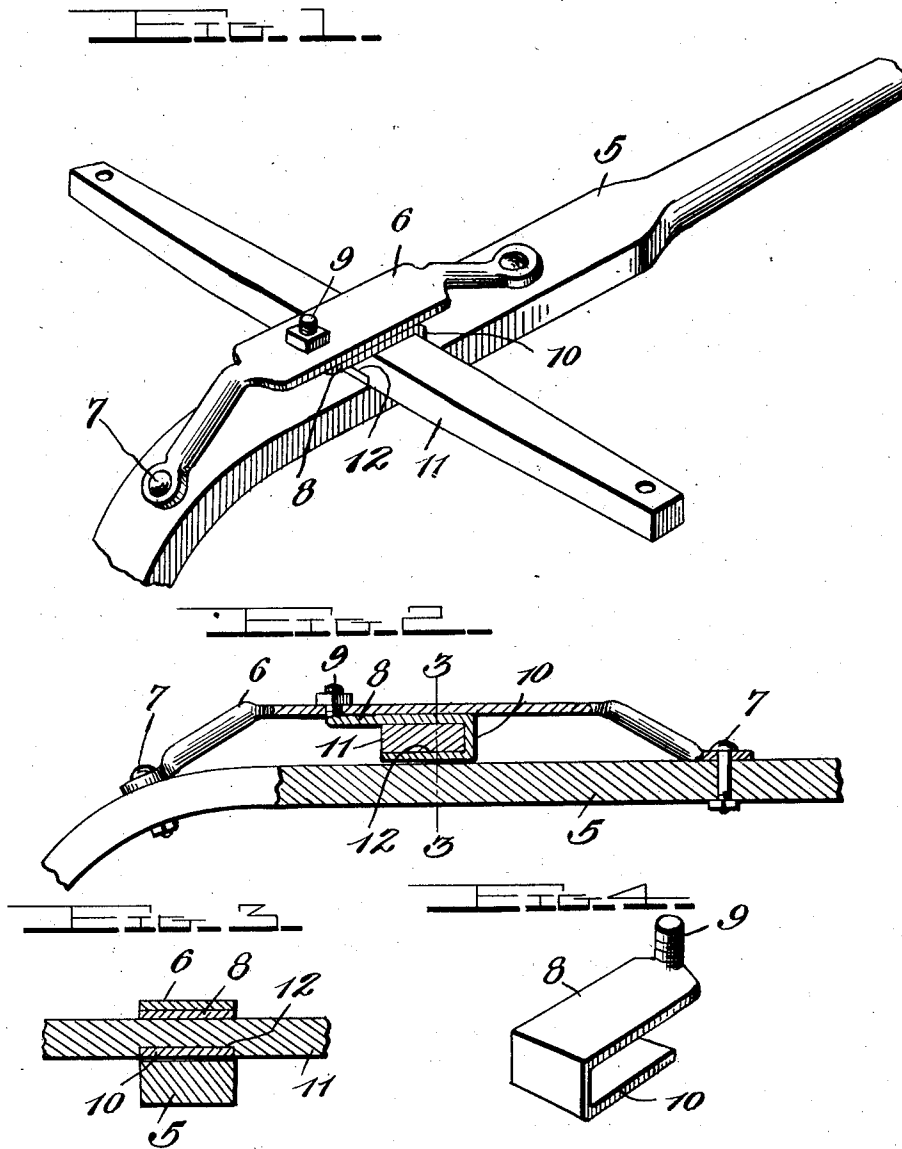


G. R. CHRIST.
 DOUBLETREE MOUNTING.
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1,054,825.

Patented Mar. 4, 1913.



Inventor.

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Witnesses

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UNITED STATES PATENT OFFICE.

GUSTAV R. CHRIST, OF WIMBLEDON, NORTH DAKOTA.

DOUBLETREE-MOUNTING.

1,054,825.

Specification of Letters Patent.

Patented Mar. 4, 1913.

Application filed June 8, 1912. Serial No. 702,515.

To all whom it may concern:

Be it known that I, GUSTAV R. CHRIST, a citizen of the United States, residing at Wimbledon, in the county of Barnes and State of North Dakota, have invented certain new and useful Improvements in Doubletree-Mountings, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to doubletree mountings and has for its object to simplify and improve the construction of such devices whereby the strength and durability of the doubletree and consequently its serviceability are materially enhanced.

A further and more specific object of the invention is to provide a mounting for doubletrees whereby the use of the usual pin or bolt which is disposed through the doubletree and the vehicle tongue is eliminated, said device including means to prevent tilting or vertical movement of the doubletree upon the tongue.

Still another object of the invention is to provide a mounting or tension means for a doubletree which consists of very few parts of simple and inexpensive construction and which may be easily and quickly arranged upon the tongue of a vehicle without necessitating any change or alteration therein.

With the above and other objects in view as will become apparent as the description proceeds, the invention consists in certain constructions, combinations and arrangements of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing, in which—

Fig. 1 is a perspective view of a vehicle tongue showing my improved doubletree mounting applied thereto; Fig. 2 is an enlarged longitudinal section; Fig. 3 is a section taken on the line 3—3 of Fig. 2; and Fig. 4 is a detail perspective view of the pivoted plate or hook in which the doubletree is mounted.

Corresponding and like parts are referred to in the following description and designated in the accompanying drawing by like reference characters.

Referring in detail to the drawing, 5 designates a vehicle tongue upon which a strap plate 6 is arranged, said plate being

spaced above the tongue and rigidly secured thereto at its ends by means of the bolts or rivets indicated at 7. Between the strap plate 6 and tongue 5 the plate 8 is arranged, said plate being pivoted to the strap plate 6 at a point rearwardly of the center of said plate as indicated at 9. The other end of the plate 8 is bent upon itself to provide a hook 10 thereon, said hooked end of the plate being slightly spaced from the upper surface of the tongue to admit of the pivotal movement of said plate.

The doubletree 11 is provided with a rectangular central portion, the under surface of which is notched or recessed as at 12. This central recess in the doubletree receives the hooked end 10 of the plate 8, said hooked end of the plate fitting closely in said recess and preventing longitudinal movement of the doubletree. By pivoting one end of the plate 9 to the strap plate 6 at a point adjacent the rear end of said latter plate, the doubletree may swing horizontally through a comparatively wide arc. The strap plate 6 retains the doubletree in position between itself and the tongue and effectually prevents any vertical tilting movement of the doubletree.

From the above it will be observed that I have provided a very simple mounting or attaching means for doubletrees without employing the usual retaining pin or bolt which extends through the doubletree and the tongue, thereby avoiding the weakening effect of such pins. A maximum of durability is thus obtained by the use of my improved mounting.

The device is also extremely simple in construction, and consists of few parts which may be manufactured at very small cost.

The device may also be easily and quickly arranged upon the vehicle tongue and does not require any alteration in the form thereof.

While I have shown and described the preferred construction and arrangement of the various parts, it will be understood that the invention is susceptible of considerable modification without departing from the essential features of sacrificing any of the advantages thereof.

Having thus described the invention what is claimed is:

The combination with a vehicle tongue, of a strap plate arranged longitudinally

thereon and spaced above the tongue, a plate pivotally mounted at one end upon the under side of said strap plate, the other end of said latter plate being provided with
5 a hook, the bill of said hook being disposed closely adjacent to the upper surface of the tongue, and a doubletree having a recess in its under surface in which the bill of the hook on said plate closely fits to hold said

doubletree in the hook against movement in with relation to said plate.

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

GUSTAV R. CHRIST.

Witnesses:

P. A. PICKETT,
JOS. JENSEN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
