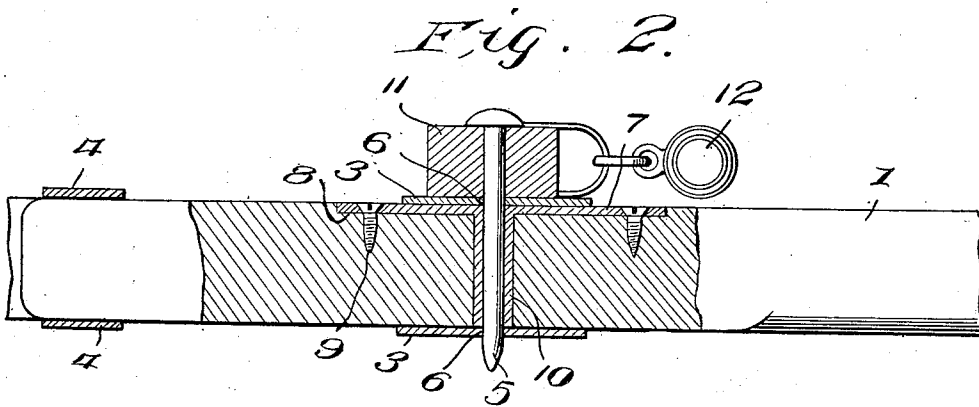
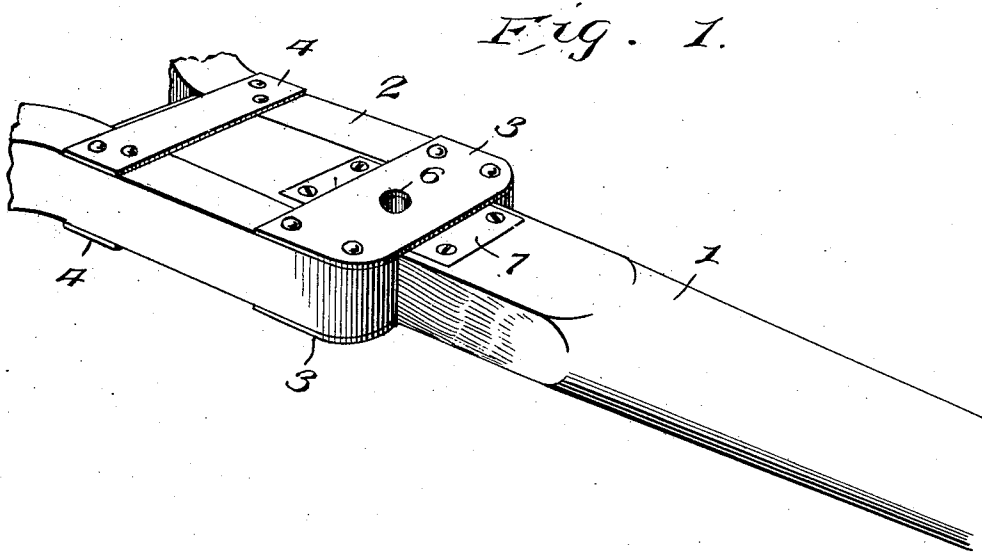


No. 890,481.

PATENTED JUNE 9, 1908.

E. M. WINSLOW.
TONGUE PLATE.

APPLICATION FILED DEC. 10, 1907.



WITNESSES:

Thomas R. [Signature]
W. J. Fitzgerald [Signature]

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BY

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Attorneys

UNITED STATES PATENT OFFICE.

EUGENE M. WINSLOW, OF IOWA FALLS, IOWA.

TONGUE-PLATE.

No. 890,481.

Specification of Letters Patent.

Patented June 9, 1908.

Application filed December 10, 1907. Serial No. 405,862.

To all whom it may concern:

Be it known that I, EUGENE M. WINSLOW, a citizen of the United States, residing at Iowa Falls, in the county of Hardin and State of Iowa, have invented certain new and useful Improvements in Tongue-Plates; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in tongue plates and more particularly to that class adapted to be used in connection with vehicle tongues and my object is to provide a wearing plate for the tongue, whereby the parts of the tongue will be reinforced and undue wearing of the same prevented.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claims.

In the accompanying drawings which are made a part of this application, Figure 1 is a perspective view of a portion of the vehicle tongue and hounds therefor, showing my improved plate attached thereto, and, Fig. 2 is a side elevation of the tongue, partly in section, showing the manner of securing double-trees to the tongue.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 indicates a tongue, which may be of the usual or any preferred form and of that class adapted to be used for guiding vehicles and 2 indicates the usual form of hounds, between which the end of the tongue is secured and in order to hold the tongue in a fixed relation with the hounds, straps 3 and 4 are extended across the upper and lower edges of the hounds, said straps being arranged in pairs, between which the tongue is adapted to rest.

The tongue is held between the straps 3 and 4 and prevented from moving longitudinally by disposing a pin or bolt 5 vertically through openings 6 in the straps 3 and to pre-

vent undue wear or strain on the tongue or the straps, incident to the rotation of or strain on the pin 5, I provide my improved plate 7, which is preferably embedded in a recess 8 in the upper face of the tongue 1 and is held in position thereon in any preferred manner, as by means of screws 9 and preferably formed integral therewith is a socket 10, through which the lower end of the pin 5 extends, the lower end of said socket being preferably flush with the lower edge of the tongue 1. The pin 5 extends above the upper plate 3 and is adapted to pass through a double tree 11, said double tree having the usual form of swingletree 12, secured at each end thereof, to which the draft animals are adapted to be secured, the doubletree resting upon the upper strap 3 and pivoting upon the pin 5.

It will thus be seen that I have provided a very cheap and economical form of bearing plate for the tongue and one that will add strength to the tongue, instead of weakening the same and it will further be seen that by providing the socket for the lower end of the pin, the opening through the tongue will not be worn by the operation of the pin.

What I claim is:

The combination with a wagon tongue, hounds for said tongue and straps above and below said hounds between which said tongue is adapted to pass, said tongue having a recess in its upper face extending beyond either side of the upper strap; of a plate positioned within the recess of the tongue, securing means passing through the plate on both sides of the upper strap, and a socket integral with the plate depending through the tongue, said socket terminating flush with the under surface of the tongue above the lower strap.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EUGENE M. WINSLOW.

Witnesses:

FRANK H. WELDEN,
CHAS. M. CLEBER.