

No. 826,922.

PATENTED JULY 24, 1906.

E. E. DAVIS.  
TONGUE SUPPORT.  
APPLICATION FILED NOV. 23, 1905.

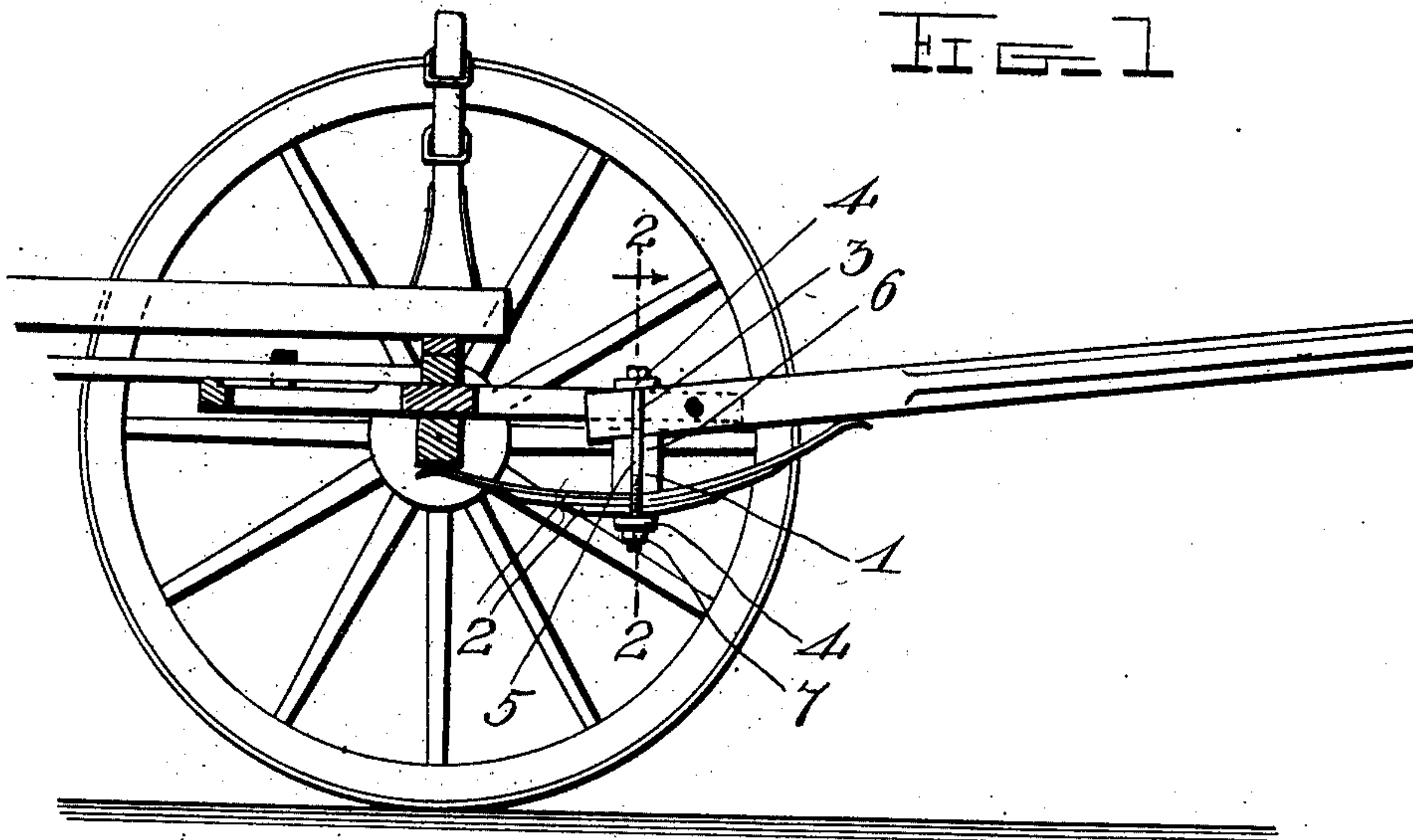


FIG. 2

FIG. 3

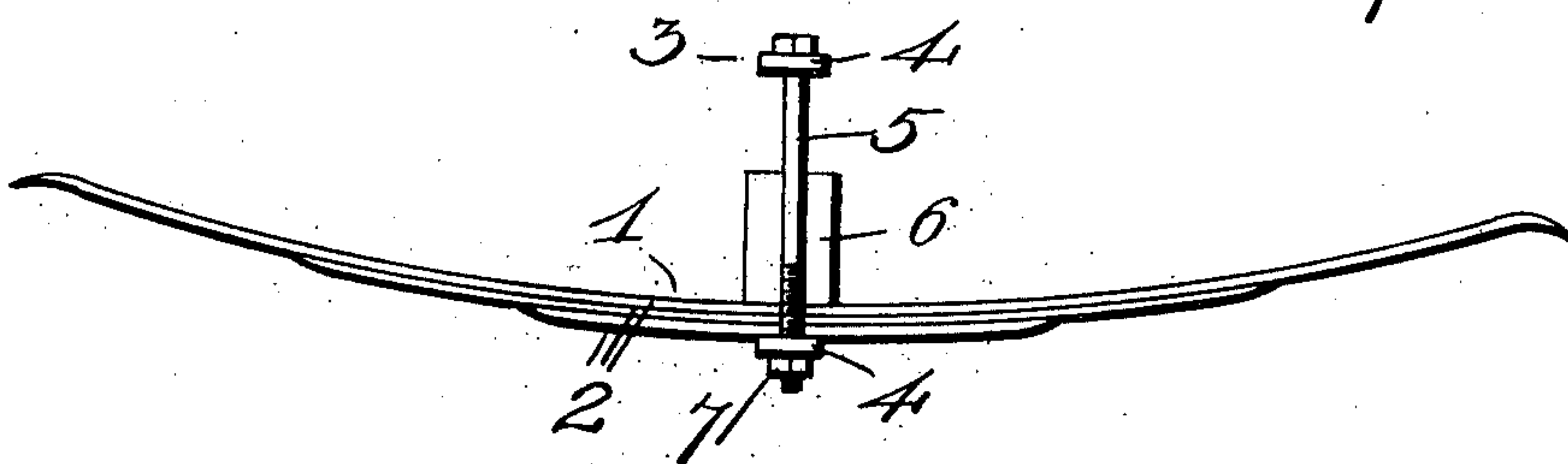
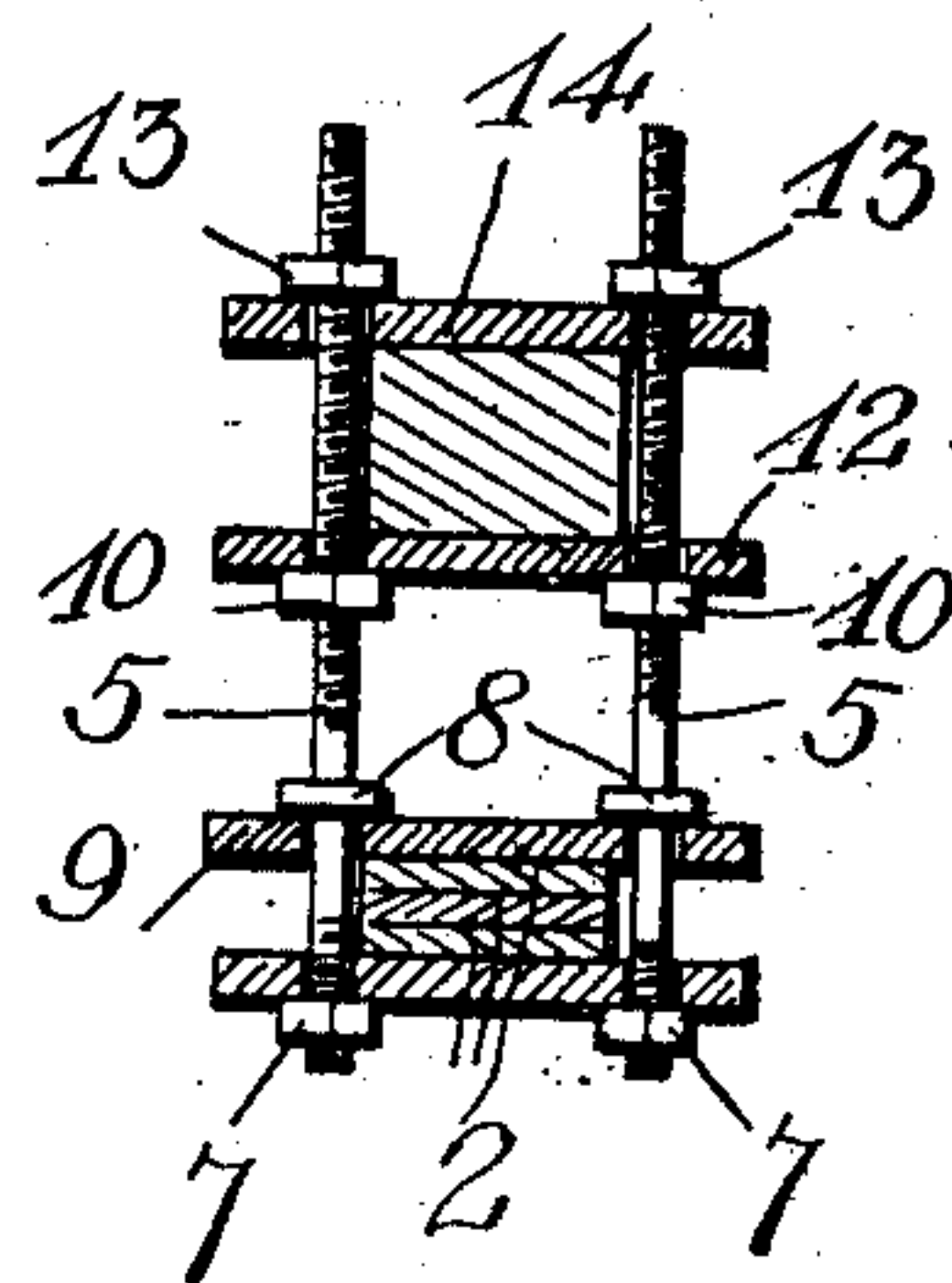


FIG. 4



Witnesses  
C. H. Griesbauer  
C. H. Griesbauer

Inventor  
E. E. Davis  
by A. B. Wilson  
Attorney



# UNITED STATES PATENT OFFICE.

ELMER E. DAVIS, OF LOS ANGELES, CALIFORNIA.

## TONGUE-SUPPORT.

No. 826,922.

Specification of Letters Patent.

Patented July 24, 1906.

Application filed November 23, 1905. Serial No. 288,794.

*To all whom it may concern:*

Be it known that I, ELMER E. DAVIS, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Tongue-Supports; and I do 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.

This invention relates to improvements in tongue-supports.

The object of the invention is to provide a support for the tongues or poles of vehicles, whereby said tongues or poles will be yieldingly supported, the device being particularly adapted for use in connection with lumber-wagons.

With the above and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a vertical longitudinal sectional view through the forward portion of a lumber-wagon, showing the application of the invention thereto. Fig. 2 is a vertical cross-sectional view on the line 2 2 of Fig. 1. Fig. 3 is a side view of the support removed from the wagon, and Fig. 4 is a vertical sectional view showing a modified form of clamping device.

Referring more particularly to the drawings, 1 denotes the support, which is here shown and preferably consists of a flat spring made up of two or more leaves 2. The leaves 2 are clamped or secured to the inner end or butt of the tongue by means of a clamping device 3, which is here shown and preferably consists of upper and lower clamping-plates 4, said lower clamping-plate being disposed beneath the lower leaf of the spring, while the upper clamping-plate engages the upper side of the tongue. Near each end of the clamping-plate is formed an aperture through which is adapted to be inserted clamping-bolts 5. On the upper side of the inner leaf of the spring and between the bolts 5 is arranged a block 6, which is adapted to engage the under side of the end of the tongue, as shown,

the upper clamping-plate 4 engaging the top side of said end of the tongue. On the forwardly-projecting threaded ends of the bolts 5 are adapted to be screwed clamping-nuts 7, whereby said spring is secured to the inner end of the tongue. When the spring is arranged in the position just described, the forward end of the same will engage the under side of the tongue, while the rear end of the spring will engage the under side of the axle and when in this position will yieldingly support the tongue in a horizontal position.

In Fig. 4 of the drawings is shown a modified form of clamping device. In this instance the bolts 5 are provided with annular shoulders or flanges 8, located at a point slightly above the spring. On the bolts 5, between said shoulders 8 and the spring, is arranged an apertured clamping-plate 9, corresponding to and between which and the lower clamping-plate 4 the spring is clamped by means of the nuts 7.

The bolts 5 are threaded from their upper ends to a point near the shoulders 8, and on the same are screwed lower tongue-clamping nuts 10, above which on the bolts is arranged a lower tongue-clamping plate 12, corresponding with the upper clamping-plate 4 and between which and said plate 4 is clamped the tongue 6 by means of clamping-nuts 13, screwed upon the upper threaded ends of the bolts 5, as shown.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

The herein-described tongue-support consisting of a curved leaf-spring secured to the rear end beneath the tongue by means of bolts at opposite sides of the tongue and plates at the top and bottom of said tongue, the rear end of said spring bearing under-

neath the axle and the front end of said spring  
bearing underneath the tongue in front of its  
pivotal point, and a block disposed in trans-  
verse alinement with the securing-bolts be-  
5 tween the tongue and spring, substantially  
as described.

In testimony whereof I have hereunto set

my hand in presence of two subscribing wit-  
nesses.

ELMER E. DAVIS.

Witnesses:

DAVID C. BURREY,  
STEPHEN O. SULLIVAN.