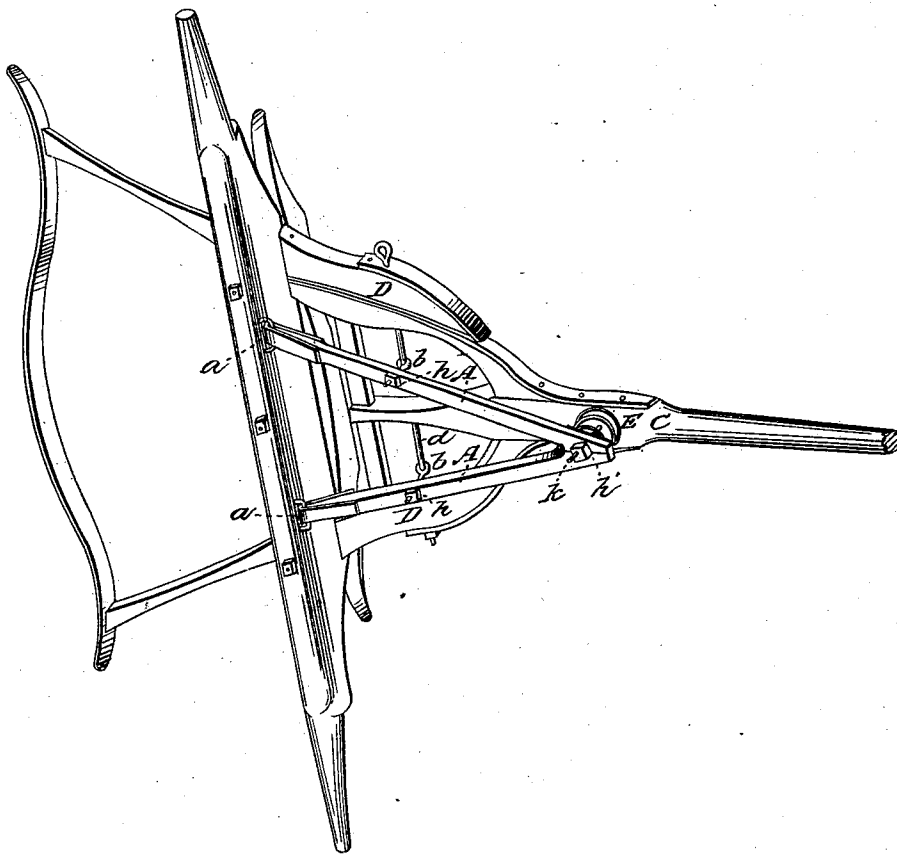


A. F. GUE.
Tongue Support.

No. 109,817.

Patented Dec. 6, 1870.



ATTEST:

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United States Patent Office.

ALBERT F. GUE, OF EASTMANVILLE, MICHIGAN.

Letters Patent No. 109,817, dated December 6, 1870.

IMPROVEMENT IN WAGON-TONGUE SUPPORTS.

The Schedule referred to in these Letters Patent and making part of the same.

To whom it may concern:

Be it known that I, ALBERT F. GUE, of Eastmanville, in the county of Ottawa and State of Michigan, have invented a new and useful Improvement in Elastic Adjustable Wagon-Tongue Supporters; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to letters of reference marked thereon, and being a part of this specification, in which my invention is shown in perspective, attached to the forward axle and the tongue of a wagon from the bottom.

This invention relates to a device, by means of which wagon, carriage, and sleigh-tongues are supported, and which is elastic and adjustable.

The invention consists in securing a jack under the tongue, in such a manner that the elevation of the tongue may be adjusted as desired, and in a spring secured to the outer end of the jack and under the tongue, in such a manner as to sustain the latter, as more fully hereinafter set forth.

In the accompanying drawing, in which—

Figure 1 is a perspective, as above described.

A represents a triangular-shaped jack, the base of which is secured by suitable eye-bolts *a*, or in any other convenient manner to the axle B.

Two other eye-bolts, *b*, suspended from the rod or bolt *d*, by means of which the tongue C is pivoted to the hounds D, pass down through the jack, and these bolts are provided with nuts *h*, by means of which any desired elevation of the tongue may be obtained.

A bolt, *k*, projecting downward from the tongue passes through the outer end of this jack, and is also provided with a nut, *k'*, for the purpose set forth in the preceding paragraph and to govern the tension of the spring.

Between the tongue and outer end of the jack is

placed the spring E to give an elastic support to the tongue.

In case the tongue is coupled to the axle by means of eye-bolts, the jack is passed through the staples on the under side of the axle, and secured to the lower side of the snag-bar by means of bolts, receiving the spring at any desired point on the tongue.

When it is applied to a sleigh by means of staples in the forward bench, the jack may pass either over or under the roll, as may be desired, and the spring be applied at any required point on the tongue.

By the employment of this device the forward part of the wagon never gets that slant backward, whereby many upper sway-bars or circles are broken and sprung out of place, and, when another reach is inserted, it never tips up with the points of the hounds downward, which is a great annoyance when one is in a hurry, all wear is removed from the breast-straps of the harness, thereby saving much expense, there is no pressure upon the neck of the animals, and consequently sore necks and pole-evil are avoided; and the team will not have that nodding movement of their heads, which is often caused by the weight of the pole or tongue on the top of the neck.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, in a wagon-tongue supporter, of the jack A, the eye-bolts *b*, secured by the nuts *h*, the rod *d*, the eye-bolts *a*, secured to the axle B, and the spring E, secured to the tongue C by means of the bolt *k*, having a suitable nut, all constructed and arranged substantially as shown and described.

ALBERT F. GUE.

Witnesses:

THOMAS LOWE,
MITCHELL GUE.