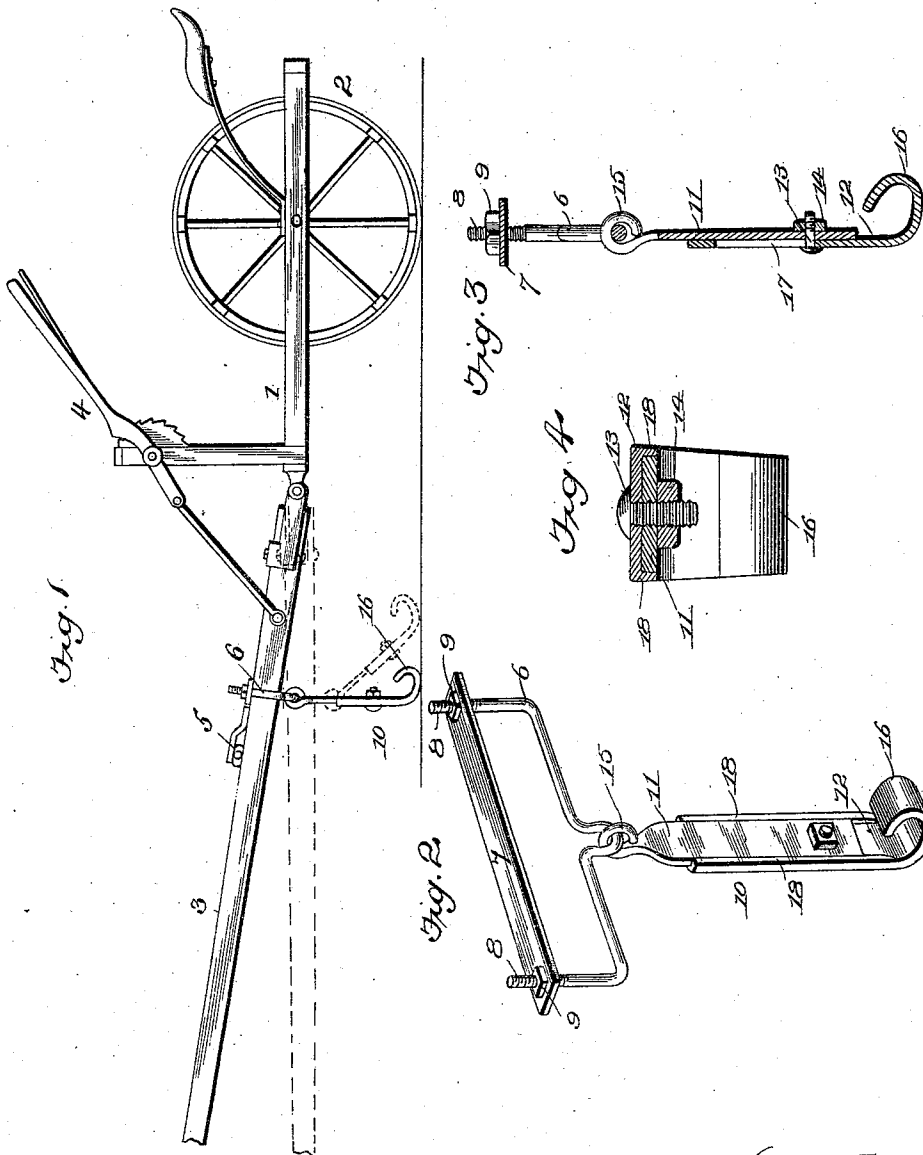


(No Model.)

A. DORAN & G. B. GOCHENOUER.
TONGUE SUPPORT.

No. 532,648.

Patented Jan. 15, 1895.



Witnesses:

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UNITED STATES PATENT OFFICE.

ABRAHAM DORAN AND GEORGE B. GOCHENOUER, OF BURKET, INDIANA.

TONGUE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 532,648, dated January 15, 1895.

Application filed February 23, 1894. Serial No. 501,103. (No model.)

To all whom it may concern:

Be it known that we, ABRAHAM DORAN and GEORGE B. GOCHENOUER, citizens of the United States, residing at Burket, in the county of Kosciusko and State of Indiana, have invented certain new and useful Improvements in Tongue-Supports, of which the following, taken in connection with the accompanying drawings, forms a specification.

Our invention relates more particularly to tongue supports for mowing machines, harvesters and other implements, but may be applied to any vehicle, and it has for its object to relieve the draft animal from the weight of the tongue of the machine or vehicle.

Our tongue support consists of a depending adjustable support which is loosely connected with a yoke, and by which it is attached to the vehicle tongue a little distance in the rear of the doubletree.

The support, when the vehicle or implement is in use, drags upon the ground, but when the tongue is elevated by any suitable means secured to the vehicle or machine the support assumes an upright position and thus supports the tongue.

In order that our invention may be more fully understood, we will proceed to describe the same with reference to the accompanying drawings, in which—

Figure 1 is a side elevation of a part of a harvester or mowing machine showing the support attached thereto. Fig. 2 is a detail perspective view. Fig. 3 is a detail vertical section, and Fig. 4 a detail cross section.

1 represents a part of the frame of a harvester or mowing machine; 2, the wheels on which the frame is mounted; 3, the tongue which is jointed to the frame, and 4 the lever for elevating the tongue, when it is desired to utilize the support.

The support is secured to the tongue of the vehicle a short distance in the rear of the doubletree 5, by means of the yoke 6, which surrounds the tongue 3, and it is held thereto by the bar 7 which fits on the screw-threaded ends 8 of the yoke 6 and is held thereon by the nuts 9. The depending portion 10 of the support consists of two parts 11 and 12 secured together by means of the bolt or pin 13 and nut 14. The part 11 is loosely secured to a loop 6^a formed in the yoke 6 by means of the link or eye 15 formed integral with the

said part 11, and the part 12 is provided with the turned bearing end 16 extending at right angles therefrom. The part 12 is also provided with the slot 17 and the flanges 18 which when the part 11 is secured thereto prevents the same from moving laterally. By this arrangement the two parts of the support can be adjusted by means of the slot and pin so that the tongue can be supported at any desired height.

The operation of our device is as follows: When the implement or vehicle is in use the tongue and support is in the position shown in dotted lines Fig. 1, and in this position the weight of the tongue is counterbalanced by the weight of the driver. The elevated position of the tongue and support is shown in full lines. This position is obtained by elevating the tongue 3 by means of the lever 4 which brings the support into a vertical position in which it is held by the weight of the tongue.

From the above description it will be seen that a cheap, simple and effective support is obtained which can be easily operated and adjusted.

Having thus described our invention, what we claim as new therein, and desire to protect by Letters Patent, is—

1. In a tongue support, the combination of a yoke 6 having a loop, and a depending portion consisting of the two parts 11 and 12 secured together so as to be relatively adjustable longitudinally; the part 11 being formed with an eye at its upper end for connection with the loop of the yoke, and the part 12 being formed with a turned bearing end, substantially as shown and described.

2. In a tongue support, the combination of a yoke having a loop, and a depending portion consisting of two parts, one of said parts being formed with an eye for connection with the loop of the yoke, and the other part formed with flanges and a turned bearing end, and both of said parts being secured together by a pin and slot connection, substantially as and for the purpose set forth.

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Witnesses:

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