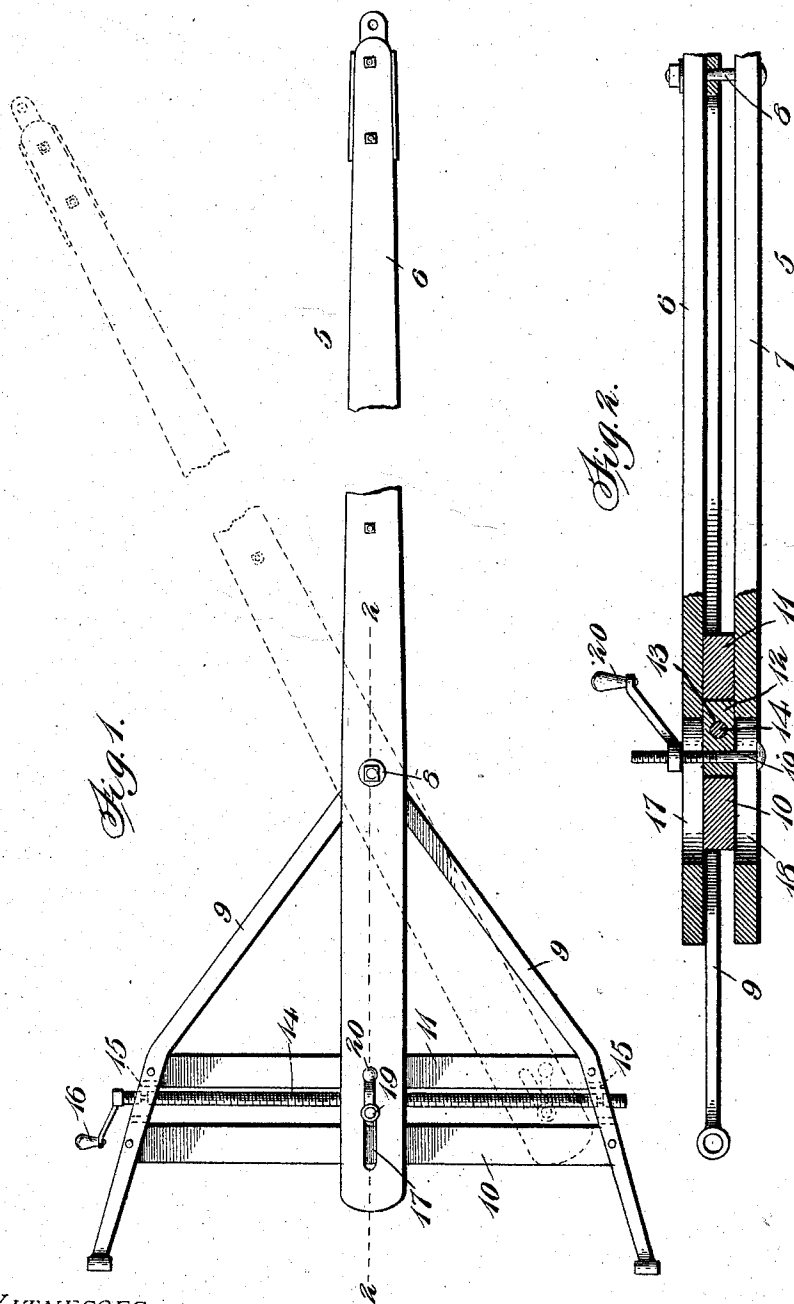


No. 839,518.

PATENTED DEC. 25, 1906.

M. E. SHAW.
VEHICLE TONGUE.
APPLICATION FILED APR. 27, 1906.



WITNESSES:

W. N. Ourand

M. Schmidt

INVENTOR

Michael E. Shaw,

BY

Milo B. Stevens and Co.
Attorney^s.

UNITED STATES PATENT OFFICE.

MICHAEL E. SHAW, OF MAPLEWOOD, OHIO.

VEHICLE-TONGUE.

No. 839,518.

Specification of Letters Patent.

Patented Dec. 25, 1906.

Application filed April 27, 1906. Serial No. 313,997.

To all whom it may concern:

Be it known that I, MICHAEL E. SHAW, a citizen of the United States, residing at Maplewood, in the county of Shelby and State of Ohio, have invented new and useful Improvements in Vehicle-Tongues, of which the following is a specification.

This invention relates to a vehicle-tongue, and more particularly one for a threshing-machine or the like.

The object of the invention is to provide a tongue which can be adjusted laterally to extend at different angles to the axle for the purpose of properly guiding the machine when drawn by a traction-engine.

In the accompanying drawings, Figure 1 is a plan view of the invention. Fig. 2 is a sectional view on the line 2 2 of Fig. 1.

Referring specifically to the drawings, 5 denotes the tongue, it being in two pieces 6 and 7, respectively, which are spaced vertically and pivotally connected, as at 8, to the brace 9, whereby the tongue is coupled to the front axle of the machine. At the butt-end 25 of the tongue are two parallel cross-bars 10 and 11, respectively, which are fastened at their ends to the brace 9 and extend between the pieces 6 and 7. The cross-bars serve as a guide for a block 12, having a horizontally- 30 extending threaded hole 13, in which a screw 14 works. The screw is mounted in suitable bearings 15 on the brace 9 in such a manner that it is free to turn, but is held against longitudinal movement. By reason of this the 35 block 12 will travel on the screw when the latter is turned, a hand-crank 16 being provided for this purpose.

At the butt-end of the tongue the parts 6 and 7 are slotted, as at 17 and 18, respectively, which slots register. The block 12 40 has a vertical opening in which a bolt 19 is carried, one end of which extends through

the slot 17 and the other end through the slot 18, the former end being threaded, on which a crank-nut 20 is screwed. This connection between the block 12 and the tongue 45 causes the tongue to swing around on its pivot 8, so as to extend at different angles to the axle when the block is made to travel on the screw. The tongue will be securely 50 located in adjusted position, as the block cannot move until the screw is turned.

With a tongue constructed and operating as herein described a threshing-machine can be guided to follow the tracks of the traction-engine when rounding corners, making short 55 turns in crooked roads, or making a setting among stacks that are set crooked, and the machine can be backed as readily as drawn forwardly.

I claim—

1. The combination with a support, of a tongue pivoted thereto, the butt-end of the tongue being slotted, a non-traveling screw, and a nut traveling on the screw and carrying 65 a projecting member extending into the aforesaid slot.

2. The combination with a support, of a tongue pivoted thereto, said tongue comprising vertically-spaced bars, the butt-end of 70 said bars having registering slots, cross-bars extending between the butt-ends of the bars and fastened to the support, a non-traveling screw between the cross-bars, a nut traveling on the screw, and a projecting member carried 75 by the nut and extending through the aforesaid slots.

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

MICHAEL E. SHAW.

Witnesses:

J. S. JACKSON,
JOHN OLDHAM.