

No. 865,935.

PATENTED SEPT. 10, 1907.

J. PUFFENBERGER.  
TONGUE SUPPORT.

APPLICATION FILED MAR. 18, 1907.

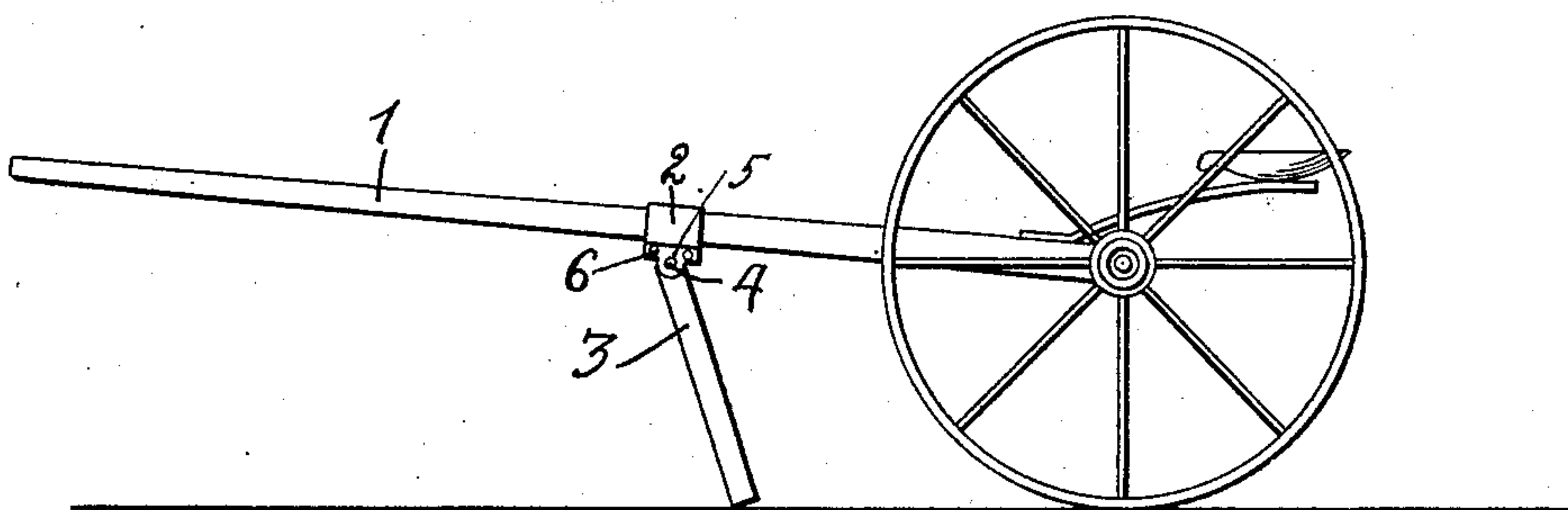


FIG. 1.

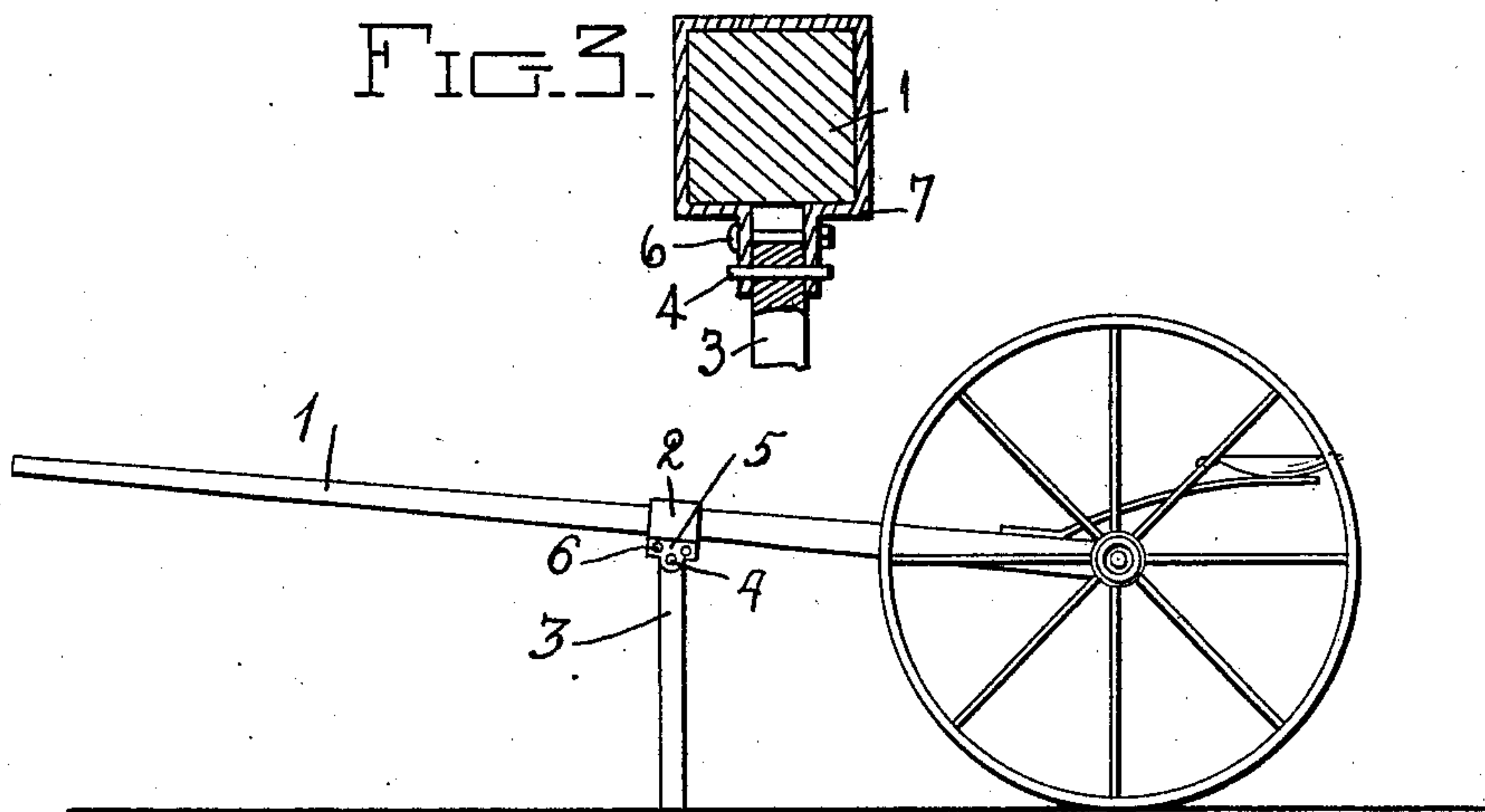


FIG. 2.

Witnesses

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# UNITED STATES PATENT OFFICE.

JUDSON PUFFENBERGER, OF CHARLOTTE, MICHIGAN.

## TONGUE-SUPPORT.

No. 865,935.

Specification of Letters Patent.

Patented Sept. 10, 1907.

Application filed March 18, 1907. Serial No. 362,897.

*To all whom it may concern:*

Be it known that I, JUDSON PUFFENBERGER, a citizen of the United States, residing at Charlotte, in the county of Eaton and State of Michigan, 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.

10 This invention relates to tongue supports, and is adapted to be used more particularly upon the tongue of grain binders, and it has for its object to provide a device of this kind which can be readily attached to the tongue of grain binders in such a position as that it will normally be out of position when the machine is being used, but which will automatically swing into position, and thereby support the tongue whenever the machine is standing still, thereby removing the strain from the horses' necks.

20 In the accompanying drawings, which illustrate the invention,—Figure 1 is a side elevation of the tongue of a grain binder and such portion of the machine as is necessary to illustrate the position of the support when the machine is in use; Fig. 2 is a similar view, showing the support in its operative position. Fig. 3 is a cross sectional view through the tongue and the upper end of the support.

Referring more particularly to the drawings, 1 indicates the tongue of an ordinary grain binder, which binder is of the usual construction and forms no part of the present invention, and therefore further description is not deemed necessary.

30 Connected with the tongue in any suitable manner, as by means of a clamp 2, which is adapted to encircle the tongue, is the support 3, which is adapted to normally extend from the clip or point of attachment to the ground. The upper end of the support is connected with the clip 2 by means of a swivel 4, which will permit of the swivel having a perfectly free movement relatively to the tongue.

40 The support can be formed from any suitable material, preferably wood, and is of such a length that when the machine is being drawn forward, it will assume an inclined position, as shown in Fig. 2, with its free end dragging loosely upon the ground directly beneath the tongue. But when the machine stops, the free end of

the tongue can be raised in any suitable manner, as by slightly backing the horses, and the support will assume a vertical position and will thereby support the entire weight of the tongue, and thus take it off the horses' necks.

By making the clamp 2 adjustable, as by providing it with perforated ears 5, which extend below the tongue at a slight distance apart and through which are passed bolts 6, the support may be connected with tongues of different sizes, and also with the tongue of the same machine at different points, thereby permitting of the support being adjusted to suit the condition under which it is to be used. The ears 5 are bent inwardly as at 7 and then downwardly and the clamping bolts 6 are passed through the downwardly extending portions, one upon each side of the swivel bolt 4, so that the clamp can be tightened independently of the bolt 4 and without interfering with the free movement of the support 3. In this manner the support can be quickly applied or changed to suit circumstances and it will have perfect freedom of movement at all times.

The support is cheap and simple, and can be readily applied to the tongue by any one, and can also be applied to tongues of other structures, and especially where there is considerable weight thrown upon the horses' necks when the machine is standing still and the horses are at rest.

Having described my invention, I claim:—

In a tongue support for grain binders, a clamp adapted to encircle the tongue of the machine and having its ends bent inwardly and downwardly to form ears which normally stand at a distance apart and are perforated, a swivel bolt through two of said perforations and clamping bolts through the other perforations, said clamping bolts being upon opposite sides of the swivel bolt, and a support pivotally mounted upon the swivel bolt at its upper end between said ears and inclined to the rear with its lower end when the machine is moving forward, but is adapted to stand vertically underneath and support the tongue when the machine is standing still.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

his  
JUDSON X PUFFENBERGER.  
mark

Witnesses as to mark:  
LAWRENCE ROBINSON,  
GLADYS O. WARD.