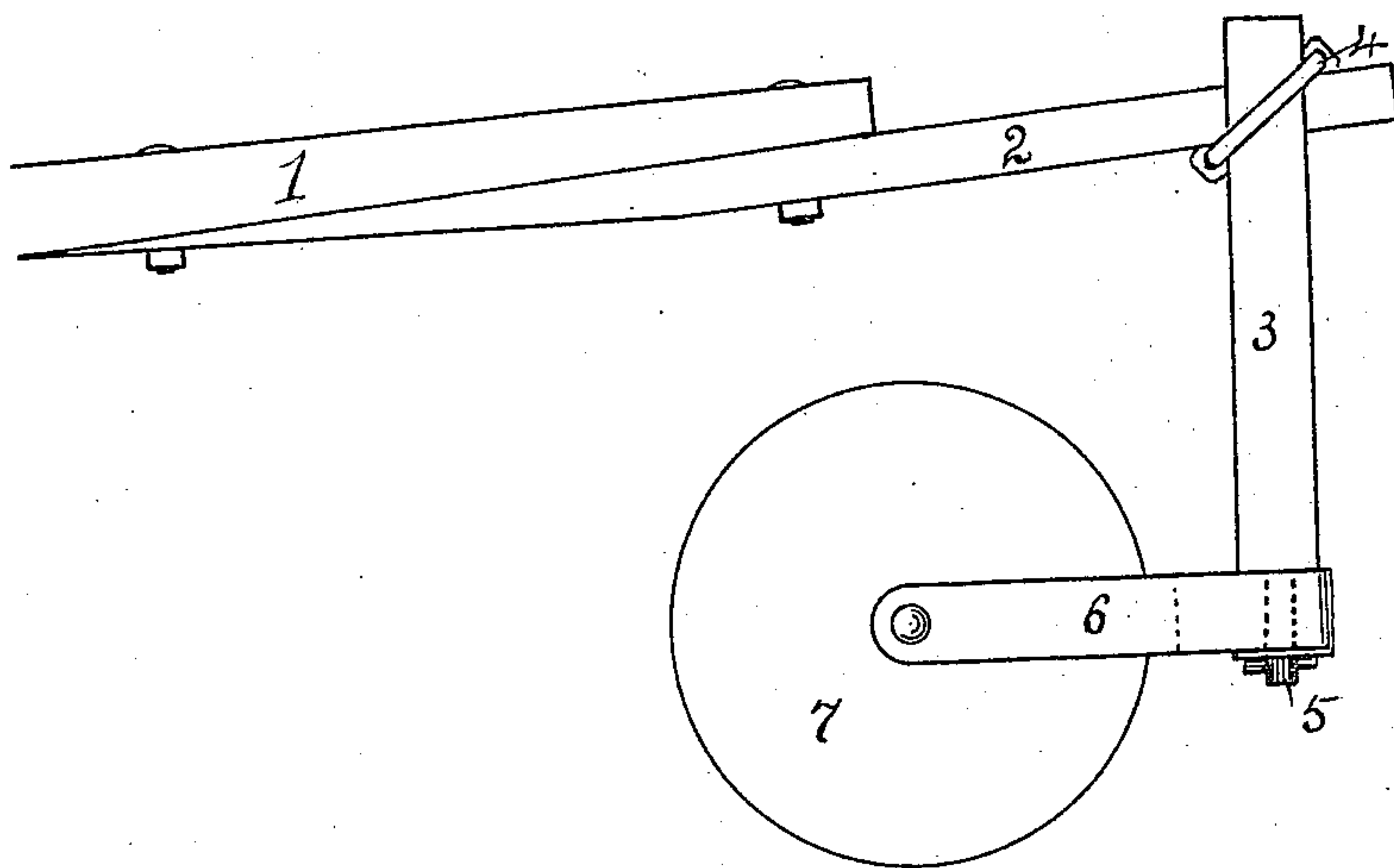


(No Model.)

C. D. HARRAH.
TONGUE SUPPORT.

No. 441,363.

Patented Nov. 25, 1890.



ATTEST

W. W. Graham
W. W. Graham

INVENTOR
CHARLES D. HARRAH.
by his attorney
L. P. Graham

UNITED STATES PATENT OFFICE.

CHARLES D. HARRAH, OF MACON, ILLINOIS.

TONGUE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 441,363, dated November 25, 1890.

Application filed August 30, 1890. Serial No. 363,485. (No model.)

To all whom it may concern:

Be it known that I, CHARLES D. HARRAH, of Macon, in the county of Macon and State of Illinois, have invented certain new and useful
5 Improvements in Support for Tongues, of which the following is a specification.

This invention consists in the details of construction and combination of parts herein-
after set forth and claimed, the object being
10 to take the weight off the horses' necks.

In the drawing accompanying and forming a part of this specification, the end of a tongue is indicated by reference-numeral 1. A bar 2 is bolted or otherwise secured to the
15 tongue and projected beyond the forward end thereof. The standard 3 is secured to bar 2 by means of clamp 4 in a manner permitting vertical adjustment of the standard on the bar. The bifurcated drag-bar 6 pivots on pin

5 of standard 3 and provides a journal for 20 wheel 7.

In operation the wheel sustains the weight of the tongue and follows the direction of the course of the team without interfering with the progress thereof.

The invention is particularly designed for the tongues of grain-binding harvesters, but other analogous uses are apparent.

I claim—

The combination, with tongue 1, of extension-bar 2, standard 3, drag-bar 6, and wheel 7, as and for the purpose set forth.

In testimony whereof I sign my name in the presence of two subscribing witnesses.

CHARLES D. HARRAH.

Attest:

I. D. WALKER,
WILLIAM GRAHAM.