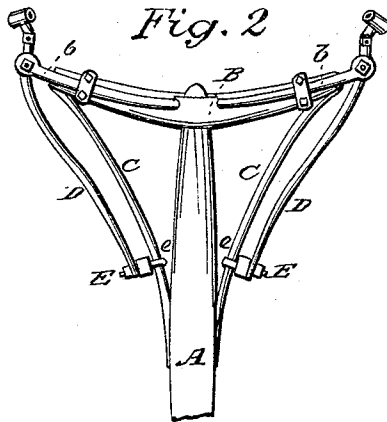
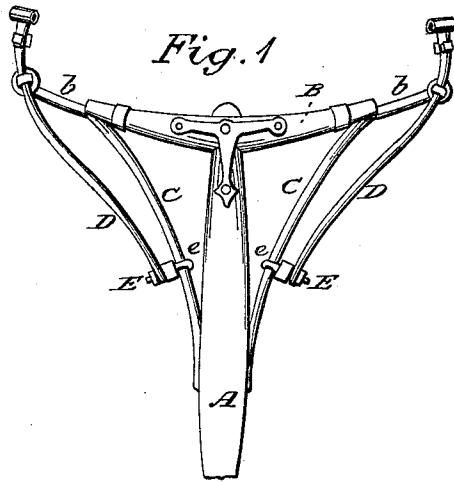


E. P. CARTER.
Wagon Tongue.

No. 101,429.

Patented April 5, 1870.



Witnesses:

H. A. Daniels
J. H. Nester

Inventor:

E. P. Carter per
Ch. Sidney Whitman
Washington D.C.
attorney

United States Patent Office.

E. P. CARTER, OF ARCADE, NEW YORK.

Letters Patent No. 101,429, dated April 5, 1870.

IMPROVEMENT IN WAGON-TONGUES.

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

To all whom it may concern :

Be it known that I, E. P. CARTER, of Arcade, in the county of Wyoming and in the State of New York, have invented a new and useful Improvement in Wagon-Tongues; and do hereby declare that the following description, taken in connection with the accompanying plate of drawings hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvement, by which my invention may be distinguished from others of a similar class, together with such parts as I claim and desire to secure by Letters Patent.

My invention relates to that class of tongues or draft-bars which may be adjusted to suit the size of the vehicle to which they are applied, and its nature consists in certain modifications and improvements in the details of the construction of the same, hereinafter described and shown.

In the accompanying plate of drawings, which illustrate my invention and form a part of the specification thereof, in which corresponding parts are indicated by similar letters—

Figure 1 represents a top view of my invention with the parts thereof extended, and

Figure 2 is a bottom view with the parts thereof contracted.

The construction, operation, and relative arrange-

ment of the component parts of my invention are as follows, to wit:

The pole A is attached to the single-tree B, and held firmly in position by the braces C.

The elongating bars D are attached to the said single-tree by means of the clevis-bolts *b*, in such a manner as to admit of their lateral adjustment.

To the outer ends of the said elongating bars are attached bolts, through the eyes of which pass the rods E.

The said rods E are provided with eye-bolts, *e*, fitting upon the braces C, by means of which they may be slipped backward and forward.

By this arrangement of the parts constituting my invention, the draft-pole or bar may be readily adapted to vehicles of different widths.

Having thus described the construction, operation, and relative arrangement of the component parts of my invention, I will indicate what I claim, and desire to secure by Letters Patent, in the following clause:

I claim the pole A, with its cross-bar B, provided with the sliding rod *b*, elongating bar D, fastening E, and brace C.

In testimony that I claim the foregoing, I have hereunto set my hand this 22d day of January, 1870.

Witnesses:

E. P. CARTER.

C. A. WOODWORTH,

B. F. HURTZ.