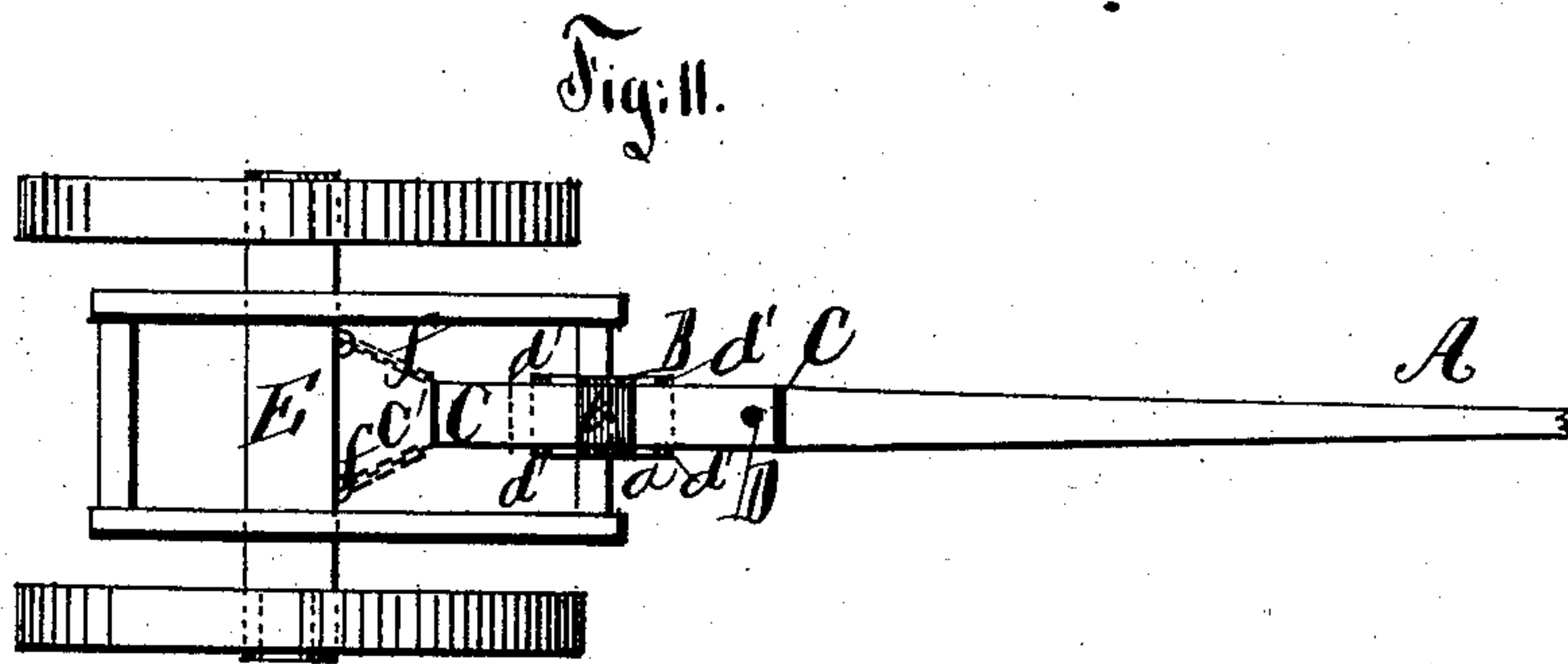
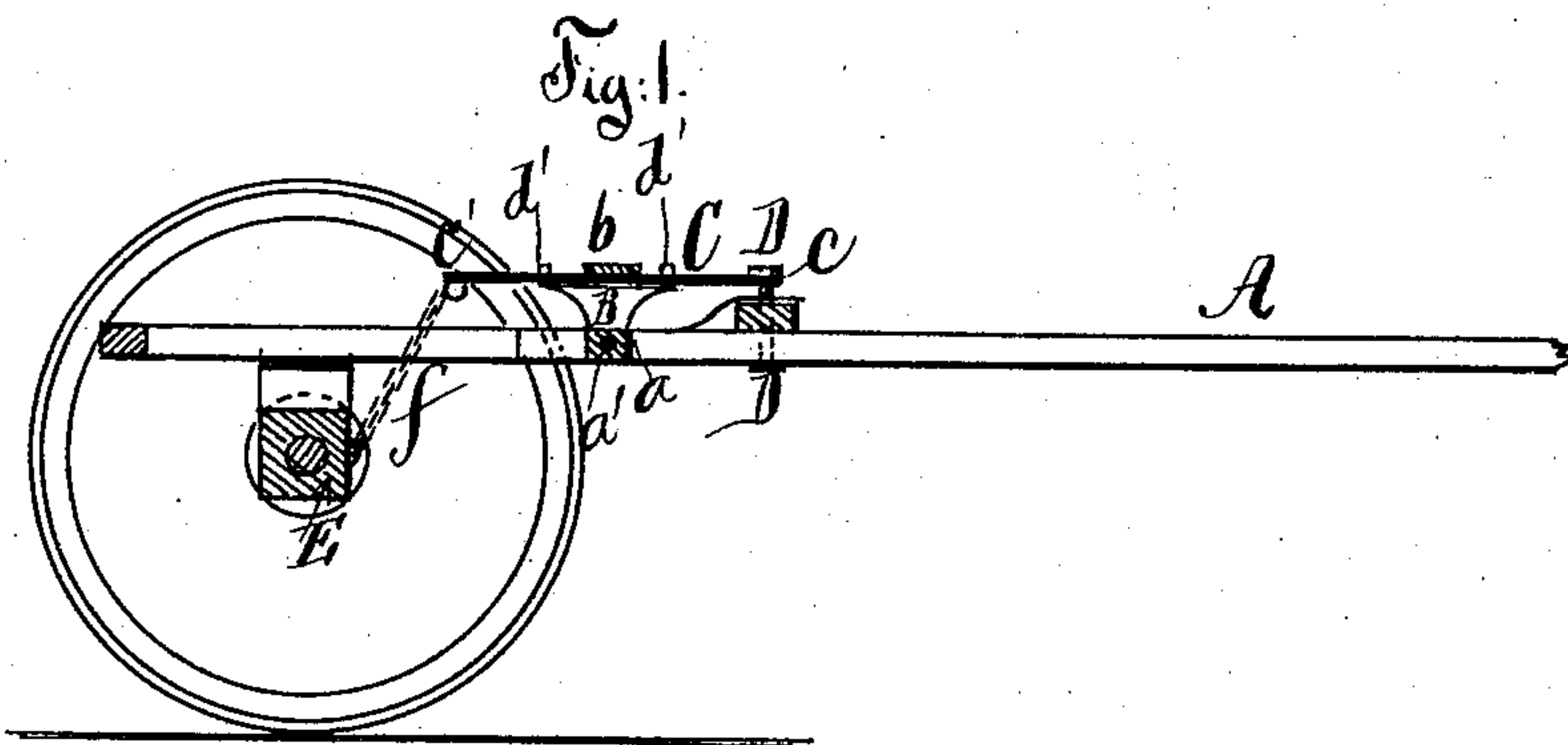


H. GARRETT.
Tongue-Support for Vehicle.

No. 220,971.

Patented Oct. 28, 1879.



Witnesses:

Q. Barritt

Adolf Seyler-

Inventor:

Henry Garrett

Per:

Richard Gerner
Atty

UNITED STATES PATENT OFFICE.

HENRY GARRETT, OF RICHMOND, MISSOURI, ASSIGNOR OF ONE-HALF OF HIS RIGHT TO ROBERT SCOTT, OF HOPEWELL STATION, KENTUCKY.

IMPROVEMENT IN TONGUE-SUPPORTS FOR VEHICLES.

Specification forming part of Letters Patent No. **220,971**, dated October 28, 1879; application filed March 22, 1879.

To all whom it may concern:

Be it known that I, HENRY GARRETT, of Richmond, Ray county, State of Missouri, have invented a new and useful Improvement in Devices for Supporting Wagon-Tongues; and I do hereby declare that the following is an exact and true description of my invention, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

The object of my invention is to provide a wagon-tongue supporter which is cheaply made and applied, and which will support the wagon-tongue without chafing the horses, owing to its pliability.

My invention consists in constructing a flat steel spring, which is fastened in the center to a support-block attached to the wagon-tongue. The outer end of this spring is fastened to the tongue itself by means of a bolt. The other end of this spring is connected to the wagon-axle by a chain, which can be lengthened or shortened, as may be required.

In order to more fully describe my invention, I refer to the accompanying drawings, of which—

Figure 1 is a longitudinal sectional view of a wagon-tongue embodying my invention. Fig. 2 is a plan view of the same.

A represents the wagon-tongue. B is the support-block straddling the tongue at *a* and fastened to it by rod *a'*. Upon the top of this block is placed the spring C, which is held thereto by the stirrup *b*. To prevent the spring from accidentally displacing itself, prongs *d'* *d'* are employed.

D is a screw-bolt holding the whiffletrees on to the tongue. To the top of this bolt is attached the end *c* of the spring C. The other end, *c'*, of this spring is connected to the axle E by chains *f f*. The object of this chain is to enable the tongue to be raised or lowered to suit the height required.

By this arrangement it will be observed that the tongue is held up and prevented from resting upon the team, thereby preventing injury to the necks of the animals.

Having thus described my invention, I desire to claim—

The spring C, in combination with block B, tongue A, chain *f f*, and axle E, substantially as and for the purpose set forth.

HENRY GARRETT.

Witnesses:

NOAH DAVENPORT,
JOHN T. JOBE.