

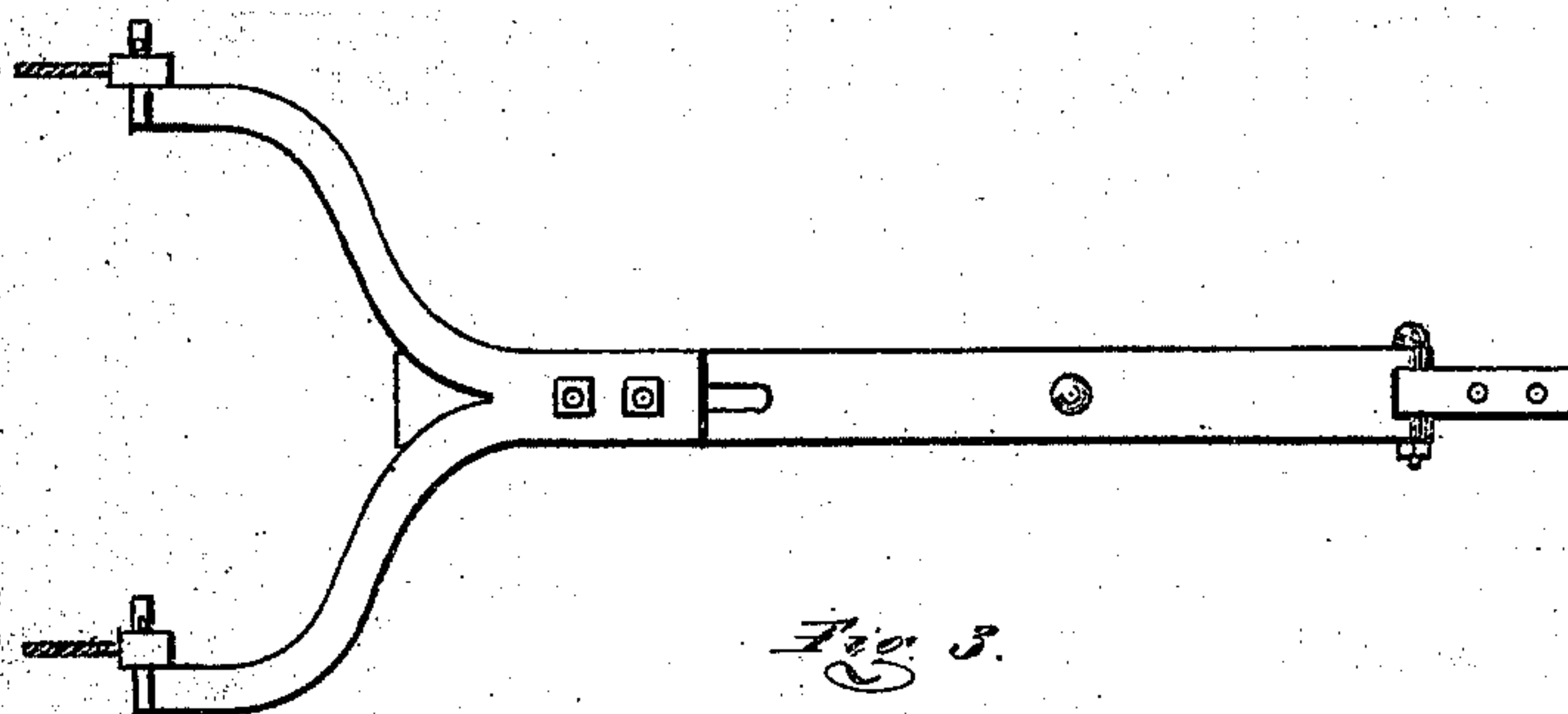
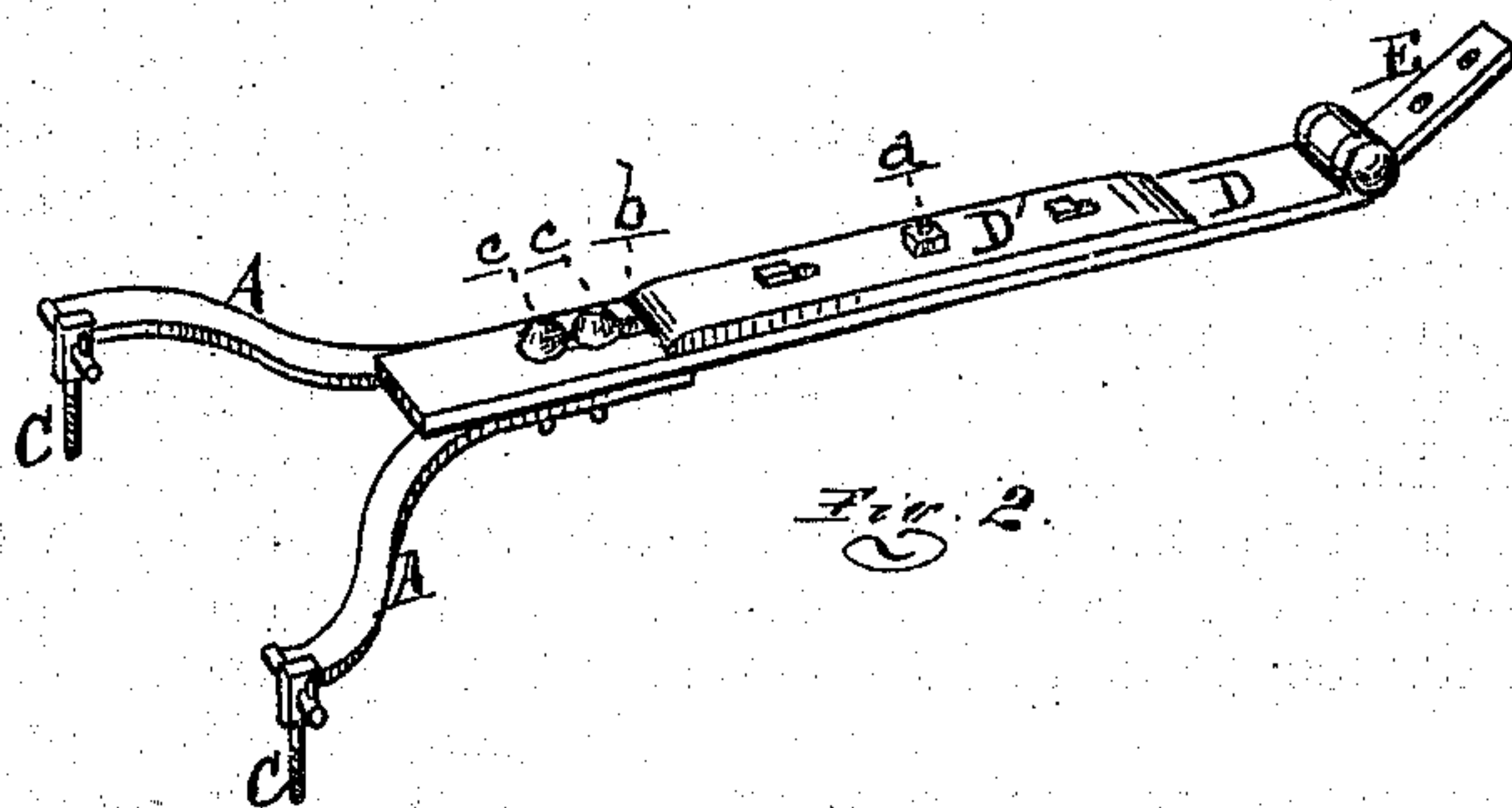
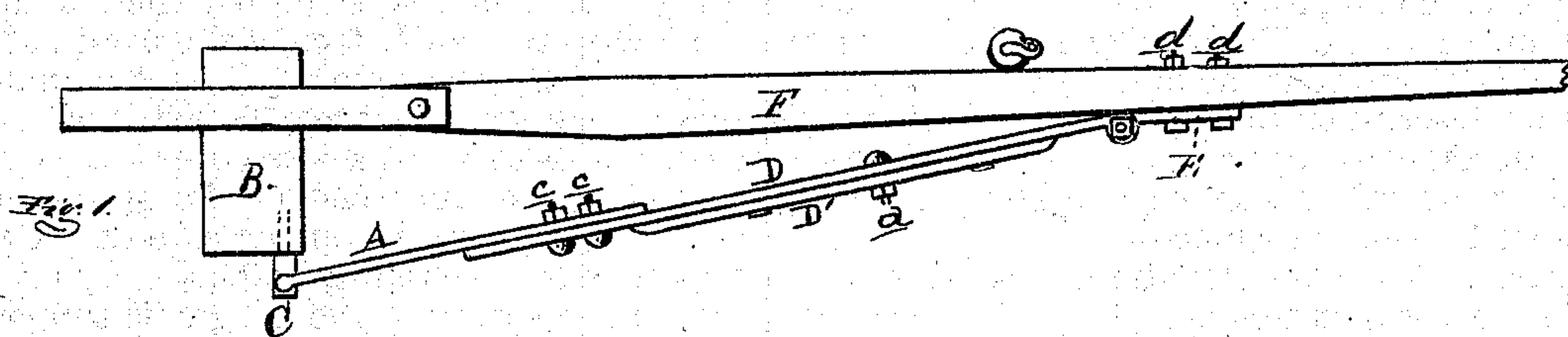
[22.]

CHARLES J. BABCOCK.

Improvement in Wagon Tongue Supporters.

No. 119,297.

Patented Sep. 26, 1871.



ATTEST:

Myron H. Church.  
H. F. Eberts.

INVENTOR:

Charles J. Babcock.  
per Attorney,  
Jas. S. Sprague



# UNITED STATES PATENT OFFICE.

CHARLES J. BABCOCK, OF RIVES JUNCTION, MICHIGAN.

## IMPROVEMENT IN WAGON-TONGUE SUPPORTERS.

Specification forming part of Letters Patent No. 119,297, dated September 26, 1871.

*To all whom it may concern:*

Be it known that I, CHARLES J. BABCOCK, of Rives Junction, in the county of Jackson and State of Michigan, have invented a new and useful Improvement in Wagon-Tongue Supporters; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1 is a side elevation of my device as applied to a wagon-tongue. Fig. 2 is a perspective view of the same inverted, and Fig. 3 is a plan of the device.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to an improved device for supporting the pole or tongue of a wagon to relieve the necks of the horses from the weight thereof, and yet yielding enough to enable the tongue to conform to inequalities of the road. This invention consists in the novel and peculiar construction of the device, as more fully hereinafter set forth.

In the drawing, A represents a pair of metallic hounds, pivoted at their rear ends to the under side of the fore axle B by the eyebolts C. D is a spring composed of one or more steel plates, in the present case a supplementary leaf, D', being employed, and shown secured to the under side

of the plate D by the bolt and nut *a*, the number of leaves in the spring being determined by the weight of the tongue. Near the rear end of the leaf D a slot, *b*, is formed therein, and it is secured to the under face of the front end of the hounds A by a couple of bolts and nuts, *c*, in such a manner that it may be extended or shortened, as circumstances require. E is a plate hinged to the front end of the spring-plate D, and is secured to the under side of the wagon-tongue F by a couple of bolts, *d*. By extending the tongue-spring D the tongue is supported at a higher point, and vice versa, which point should be high enough to take the weight of the tongue from the horses' necks and transfer it to the supporting-spring, the operation of which is fully shown in the accompanying figures.

What I claim as my invention, and desire to secure by Letters Patent, is—

The construction and arrangement of the metallic hounds A, eyebolts C, leaf-spring D adjustably secured to the hounds by the bolts *c* passing through its slot *b*, and the hinged plate E with relation to the fore axle B and tongue F, as and for the purpose set forth.

CHARLES J. BABCOCK.

Witnesses:

JAS. PELYER,  
C. HINES.

(22)