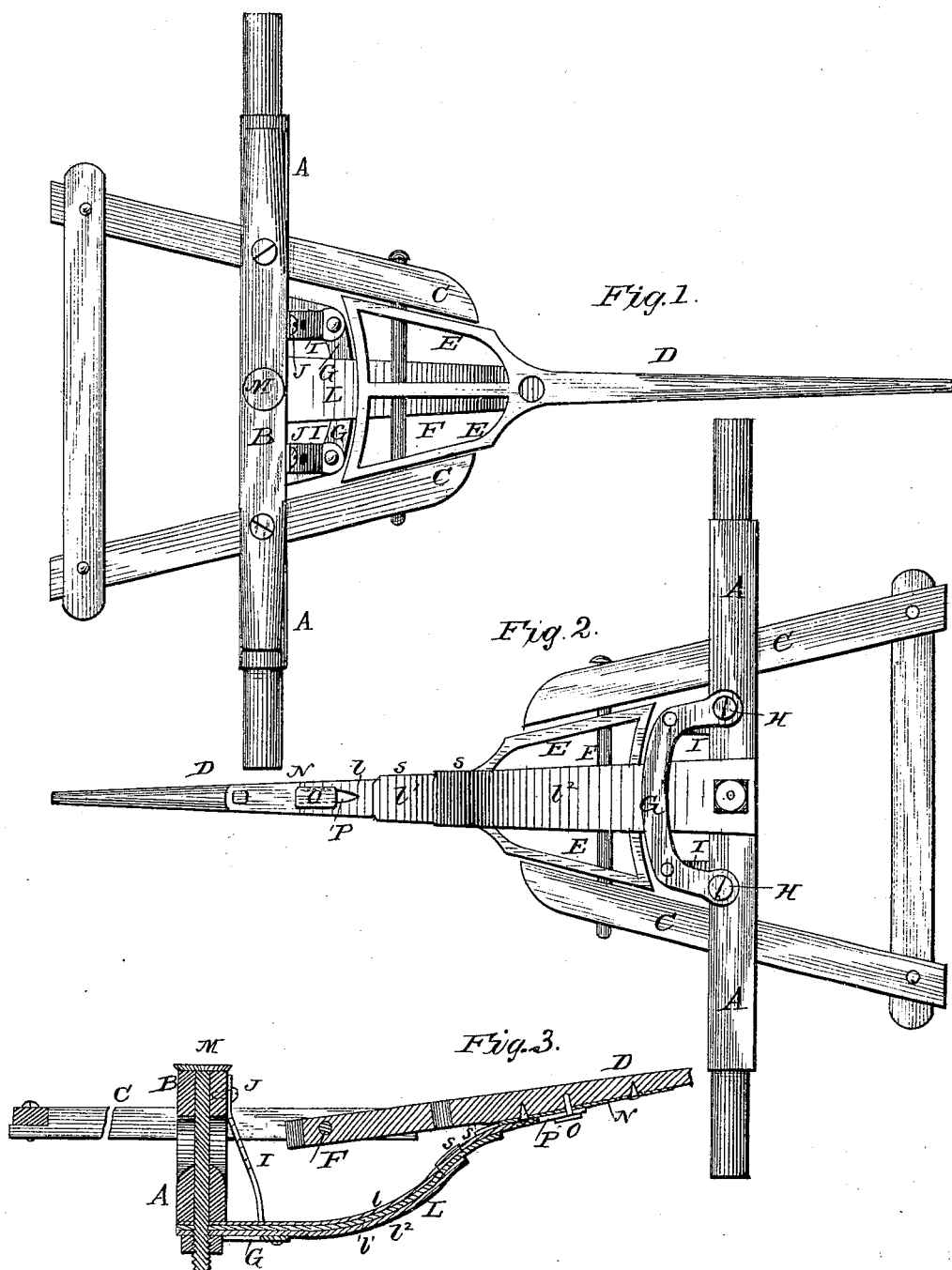


(No Model.)

D. SHELTON.
TONGUE SUPPORT.

No. 263,435.

Patented Aug. 29. 1882.



WITNESSES:

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UNITED STATES PATENT OFFICE.

DYAS SHELTON, OF SANTA ROSA, CALIFORNIA.

TONGUE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 263,435, dated August 29, 1882.

Application filed June 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, DYAS SHELTON, of Santa Rosa, in the county of Sonoma and State of California, have invented certain new and useful Improvements in Tongue-Supports; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a plan view. Fig. 2 is a bottom plan, and Fig. 3 is a longitudinal sectional view.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to tongue-supports for vehicles; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A represents the axle, B the bolster, and C C the hounds, of an ordinary vehicle running-gear.

D represents the tongue, and E E the hound-bars of the same, which are hinged or pivoted, in the usual manner, between the hounds C C upon a bolt, F.

G is a U-shaped plate or clip, secured to the under side of the axle by screws or bolts H H. The front corners of said plate are connected by rivets or otherwise with brackets I, the upper ends of which are secured adjustably to the front side of the bolster by bolts J.

L is a strong flat spring, secured firmly to the under side of the axle by the king-bolt M, and extending forward and upward over the plate or clip G until it terminates under the tongue D, against which it bears with an upward pressure.

The under side of the tongue is provided with a wear-plate, N, having a flanged stud, O, serving as a guide for the front end of the spring, which is forked, as will be seen at P.

The operation of my invention will be readily understood. The spring supports the tongue, thus taking the weight off the necks of the horses. To regulate the tension of the spring it is only necessary to raise or lower the brackets I, when the supporting plate or clip G will raise or lower the spring, so as to increase or lessen its tension and ability to support the tongue, as the case may be.

I prefer to construct the spring L, as shown in the drawings, of two or more leaves, $l\ l^2$, the lower ones of which, l^2 , are provided at their front ends with sleeves s , inclosing the leaves lying above, thus making a very strong and durable compound spring.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination, with a wagon running-gear, of the U-shaped clip G, the adjusting-brackets I, the tongue D, having wear-plate N, provided with flanged stud O, and the composite spring L, consisting of two or more leaves, $l\ l^2$, the lower ones of which are provided with sleeves s at their front ends, all arranged as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

DYAS SHELTON.

Witnesses:

JOHN TYLER CAMPBELL,
DARWIN C. ALLEN.