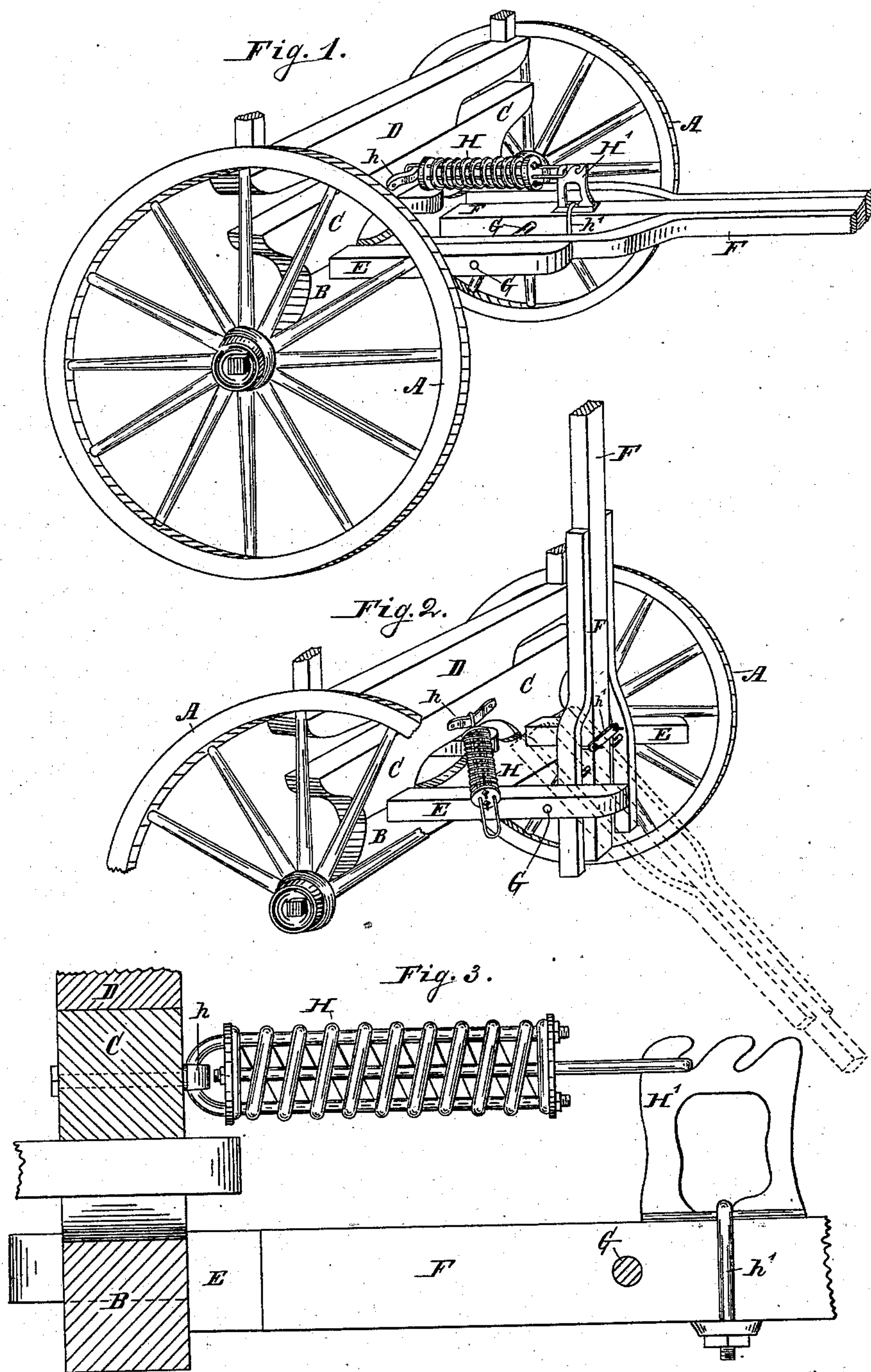


(No Model.)

W. S. HAGGARD.
Wagon Tongue Support.

No. 239,382.

Patented March 29, 1881.



WITNESSES.

James B. Liggins.
Bernh. J. Liggins.

INVENTOR.

William S. Haggard,
PER
C. Bradford.
ATTORNEY.

UNITED STATES PATENT OFFICE.

WILLIAM S. HAGGARD, OF LA FAYETTE, INDIANA.

WAGON-TONGUE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 239,382, dated March 29, 1881.

Application filed February 7, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. HAGGARD, of the city of La Fayette, county of Tippecanoe, and State of Indiana, have invented certain new and useful Improvements in Wagon-Tongue Supports, of which the following is a specification.

The object of my said invention is to improve the construction and increase the convenience and efficiency of the wagon-tongue support invented by Lorenzo D. Brown, on which Letters Patent of the United States No. 201,323 were issued to the said Brown and myself jointly, bearing date March 19, 1878.

Referring to the accompanying drawings, which are made a part hereof, Figure 1 is a perspective view of so much of the front portion of a wagon having my improved tongue-support thereon as is necessary to illustrate its position and purpose when in use; Fig. 2, a similar view, except that the support is shown detached from the tongue and the latter is shown standing upright, and also by means of dotted lines resting on the ground; and Fig. 3, a longitudinal section through Fig. 1, alongside of the support, and showing the latter in side elevation.

In said drawings, the portions marked A represent the wagon-wheels; B, the axle thereto; C, the bolster; D, the sand-board; E, the tongue-hounds; F, the tongue; G, the rod or bolt connecting said tongue to said hounds; H, the main portion of the tongue-support, constructed substantially as set forth in the Letters Patent hereinbefore referred to, and preferably permanently attached to the bolster C (though it may be attached elsewhere) by a staple, eyebolt, or other similar device, *h*; H', a notched device secured to the tongue, with which the main part of the support engages, as shown; and *h'*, a clip, by which said notched device is usually secured to the tongue.

The advantage of having the tongue-support attached to the tongue in this manner rather than by the hinged lever shown in the aforementioned Letters Patent is that it is thereby rendered both detachable and adjustable, and that, too, conveniently and expedi-

tiously. The advantage of having the tongue readily detachable from the support is that it may then be conveniently brought into upright position, as shown in Fig. 2, which cannot otherwise be done, and which enables the wagon to be stored in a smaller space than when the tongue extends longitudinally with the wagon-body. The tongue is also much more readily removable from the hounds—as for repairs—than when the attachment between it and the support is of a permanent nature, as is shown in the Letters' Patent referred to.

The advantage of having the support readily adjustable by means of the several notches in the device H is that there need then be no delay in securing the tongue in the proper position. In cold weather the spring of the support exerts a different force than in warm, and the support consequently needs a different adjustment. It is also required to sustain a greater strain when four horses are attached to the wagon than when it is drawn by two. By means of my invention the proper adjustment is readily obtained without the trouble of changing the position of the parts.

The ends of the support may, of course, be reversed, so long as its distinguishing characteristics are observed, without departing from my invention; but I prefer the positions shown. It must, however, be always located upon the top or upper side of the tongue.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, with the front portion of a wagon running-gear, of the two-part tongue-support H H', said part H' being provided with notches, as shown, whereby the support is rendered detachable and adjustable, substantially as shown and specified.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 2d day of February, A. D. 1881.

WILLIAM S. HAGGARD. [L. S.]

Witnesses:

C. BRADFORD,
ARTHUR HOLLADAY.