

(No Model.)

J. L. HALL.
WAGON TONGUE.

No. 342,828.

Patented June 1, 1886.

Fig. 1.

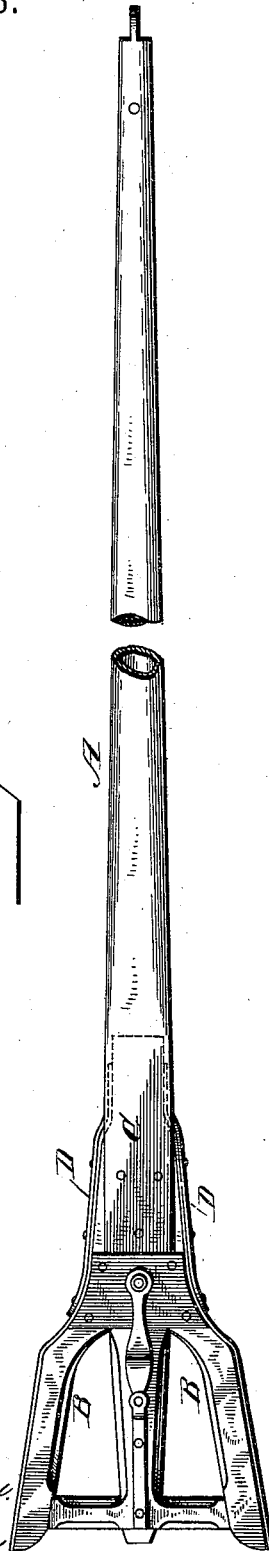
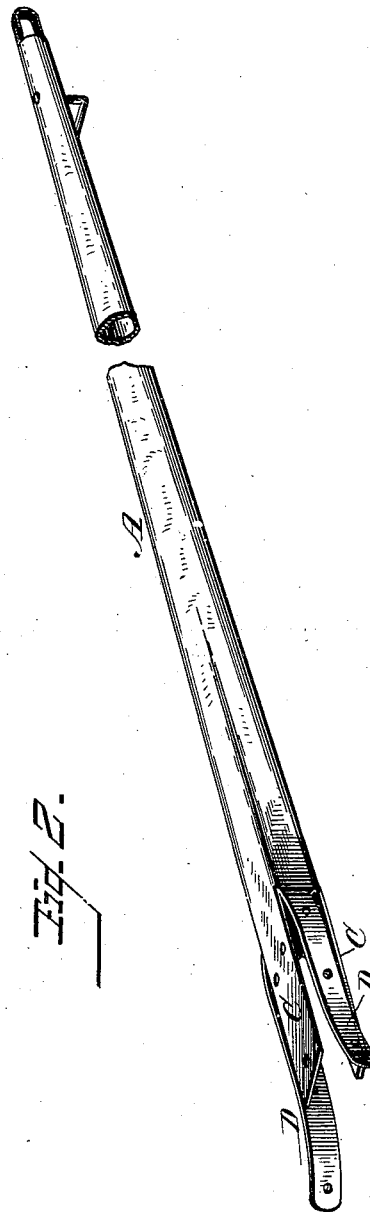


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

JAMES L. HALL, OF SEVERANCE, KANSAS.

WAGON-TONGUE.

SPECIFICATION forming part of Letters Patent No. 342,828, dated June 1, 1886.

Application filed November 16, 1885. Serial No. 182,997. (No model.)

To all whom it may concern:

Be it known that I, JAMES L. HALL, a citizen of the United States, residing at Severance, in the county of Doniphan and State of Kansas, have invented certain new and useful Improvements in Buggy, Spring-Wagon, and Wagon Tongues, also for all kinds of Farming Machinery; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a plan view of my invention, showing the tongue connected to the hounds; and Fig. 2 a detail view in perspective of the tongue.

The present invention has relation to certain new and useful improvements in tongues for wagons, buggies, and other road-vehicles to which such attachment is applicable, and all kinds of farm machinery where tongues are used; and it consists in the details of construction substantially as shown in the drawings, and hereinafter described and claimed.

In the accompanying drawings, A represents the tongue, of iron or steel, and formed hollow, said tongue being attached to the usual hounds, B. The tongue A is constructed of sheet metal, tapering in form, as shown, thus producing a light, strong, and durable tongue without materially increasing the cost over those in ordinary use. The point of the

tongue is provided with the usual cap, either made solid or riveted, said point being either hollow, solid, or plugged, as found desirable.

The sheet-metal blank from which the tubular tongue is constructed is so formed as to leave plates C and side straps, D, and are each perforated to receive the rivets or other fastening devices for securing it to the hounds. The plates C, which are perfectly flat and straight, extend over the upper and lower surface of the hounds, and are suitably fastened thereto, while the straps D are curved to correspond with the curve in the side edges of the hounds, and are fastened by rivets or bolts, forming a complete brace, and increasing the strength of the tongue at the point of connection with the hounds.

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

A tubular sheet-metal tongue formed at its rear end with upper and lower plates and side straps, for securing the tongue to the hounds, said plates and straps being formed in one piece with the tubular tongue, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in presence of two witnesses.

JAMES L. HALL.

Witnesses:

S. L. RYAN,
EVA RYAN.