

(No Model.)

E. BRULÉ.
VEHICLE SPOKE.

No. 586,542.

Patented July 20, 1897.

Fig. 1.

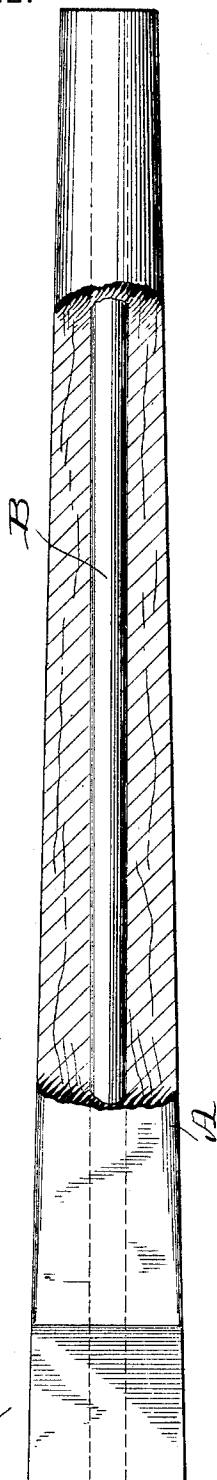


Fig. 2.

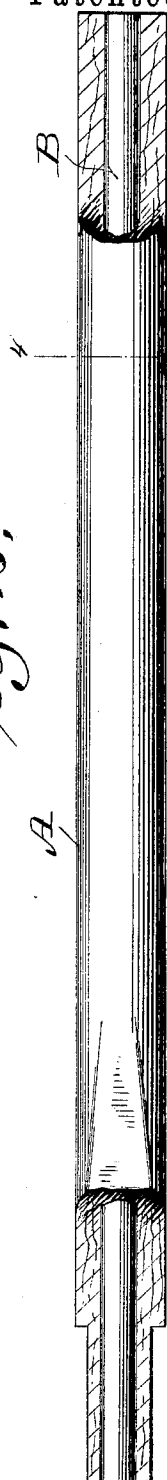


Fig. 3.

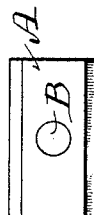


Fig. 4.



Witnesses:
Geo W. Young
B. C. Roloff.

Inventor:
Emery Brulé
By H. G. Underwood
Attorneys

UNITED STATES PATENT OFFICE.

EMERY BRULÉ, OF NEILLSVILLE, WISCONSIN.

VEHICLE-SPOKE.

SPECIFICATION forming part of Letters Patent No. 586,542, dated July 20, 1897.

Application filed September 8, 1896. Serial No. 605,059. (No model.)

To all whom it may concern:

Be it known that I, EMERY BRULÉ, a citizen of the United States, and a resident of Neillsville, in the county of Clark and State of Wisconsin, have invented certain new and useful Improvements in Vehicle-Spokes; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to that class of vehicle-spokes which are made of wood; and it consists in means for strengthening the same, as will be fully set forth hereinafter and subsequently claimed.

In the drawings, Figure 1 is a side view, and Fig. 2 an edge view, of one of my improved spokes; portions of the wood being shown as broken away in each figure to better illustrate the construction. Fig. 3 is a bottom end view of the spoke. Fig. 4 is a transverse sectional view on the line 4 4 of Fig. 2.

Referring to the drawings, A represents a vehicle-spoke of wood and of the ordinary form. These spokes are longitudinally bored out from one end to the other, the bore being of uniform diameter throughout. Bare round metallic rods, preferably of steel, equal in length to the length of the spokes A, and which rods are driven entirely through the longitudinal bores of said spokes, so that the

ends of the spokes and of the rods will come flush at each end.

One of my spokes thus constructed, though made with very poor quality of wood, will outlast an all-wood spoke of the best quality of wood, and by my invention a great deal of timber may be utilized with the best results that would otherwise be worthless for the purpose of manufacturing spokes.

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

A vehicle-spoke, comprising a single piece of wood, of proper shape, flat at each end having a longitudinal bore therethrough and a metallic rod driven through said bore and tightly fitting within the same, the ends of said wooden piece and the ends of said rod being flush at each end of the spoke, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Neillsville, in the county of Clark and State of Wisconsin, in the presence of two witnesses.

EMERY BRULÉ.

Witnesses:

JOSEPH MORLEY,
CARL STANGE.