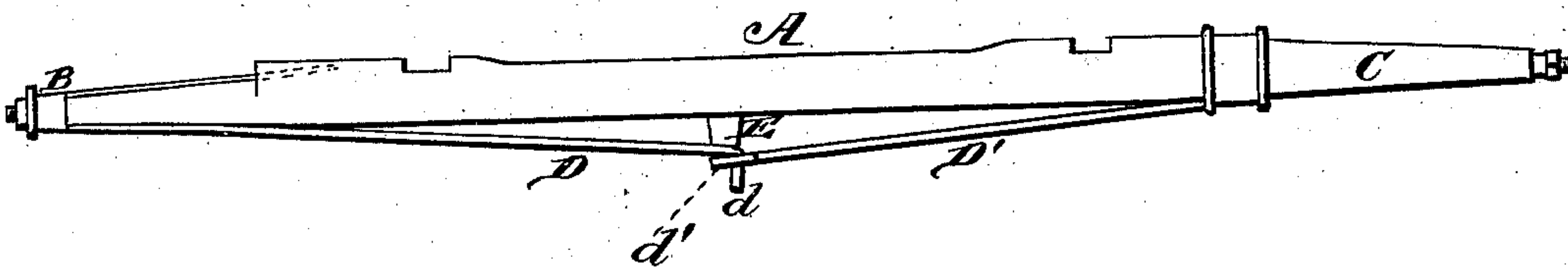


W. H. SCHENCK.  
Vehicle-Axle Brace.

No. 209,522.

Patented Oct. 29, 1878.



WITNESSES.

*Robert Everett*  
*James J. Sheehy.*

By

INVENTOR.  
*William H. Schenck.*  
*Gilmore, Smith & Co.*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM H. SCHENCK, OF AUBURN, WEST VIRGINIA.

## IMPROVEMENT IN VEHICLE-AXLE BRACES.

Specification forming part of Letters Patent No. **209,522**, dated October 29, 1878; application filed September 21, 1878.

*To all whom it may concern:*

Be it known that I, WILLIAM H. SCHENCK, of Auburn, in the county of Ritchie and State of West Virginia, have invented a new and valuable Improvement in Wagon-Axle Braces; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification, and to the letters and figures of reference marked thereon.

The figure of the drawing is a representation of a side elevation of my wagon-axle brace.

My invention relates to axles for vehicles and a means for strengthening the same, as will be more fully hereinafter set forth.

From the skein-tip or thimble-skein, secured to or made in one therewith, I employ a truss, which extends along the lower surface of the axle, and is held farthest from the plane of the axle, at or near the center, by a block or other means. This block may comprise a portion of the king-bolt, and may be adjustable by a screw-thread connection, so as to take up loss by wear, &c. The truss may be made in two

pieces, and connected by a hook and eye, or it may be made in one piece, pierced at or near the center.

Referring to the drawing, A represents the axle, B the skein-tip, C the skein, and D D' the truss. A block, E, forces the truss downward from the axle, and a hook, *d*, on the portion D engages with an eye, *d'*, on the portion D'.

I am aware that axle-braces have been used before, and I do not therefore claim, broadly, an axle-brace.

What I do claim as new, and desire to secure by Letters Patent, is—

The combination of the axle A, skein-tips B C, and block E with the truss D D', extending from skein-tip to skein-tip, and connected at the center by the hook and eye *d d'*, substantially as set forth.

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

WILLIAM H. SCHENCK.

Witnesses:

J. R. GLOVER,

L. D. McWHORTER.