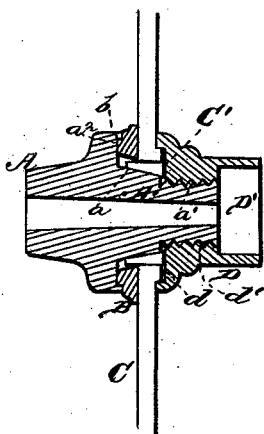


J. N. MEYER.  
Vehicle-Wheel Hub.

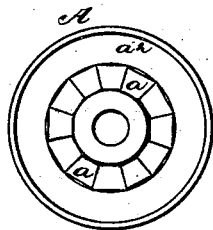
No. 211,581.

Patented Jan. 21, 1879.

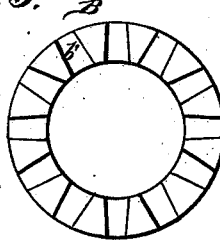
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES

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INVENTOR.

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By

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ATTORNEYS.

# UNITED STATES PATENT OFFICE

JOHN N. MEYER, OF HAMILTON, NEW YORK.

## IMPROVEMENT IN VEHICLE-WHEEL HUBS.

Specification forming part of Letters Patent No. **211,581**, dated January 21, 1879; application filed December 21, 1878.

*To all whom it may concern:*

Be it known that I, JOHN N. MEYER, of Hamilton, in the county of Madison and State of New York, have invented a new and valuable Improvement in Hubs; 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 drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a vertical central section of my hub, and Figs. 2 and 3 are detail views of the same.

My invention relates to the construction of a hub for the wheels of vehicles; and the novelty consists in the construction and arrangement of peculiar parts, as will be more fully hereinafter set forth, and pointed out in the claim.

It consists in forming the hub of two pieces of metal with screw-threaded connections, between which pieces of metal I bind a wooden ring having wedge-shaped sockets adapted to receive the spokes. A wedge driven behind the butt-end of the spoke, and between such butt-end and the shank of the hub, serves to hold the spoke firmly in place. These three portions comprise the hub, and it is provided with the ordinary aperture to receive the journal of the axle.

Referring to the drawings, A represents one of the portions of the hub, having a shank, A',

with an inclined portion, *a*, and a threaded portion, *a*<sup>1</sup>. On the inner face of the annular flange thereon is a recess, *a*<sup>2</sup>, which receives the annular projection *b* upon the wooden ring B, which has wedge-shaped sockets *b* to receive the spokes C, between the butt-end of which and the incline *a* of the shank I place a weight, *C*'.

D represents the other metal portions of the hub, having an annular recess, *d*, and a female thread, *d*', and a recess, *D*', upon the outer end adapted to receive the securing-nut, which is placed upon the end of the axle.

The operation of my device is obvious. The spokes are firmly held in place, and the whole presents a cheap, handsome, and efficient device.

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

The hub described, composed of the metal portion A, having shank A' and annular recess *a*<sup>2</sup>; the wooden ring B, having annular projections *b* and wedge-shaped sockets *b*', the metal portion D, having recesses *D*' *d*, the wedge *C*', and spokes C, as and for the purpose set forth.

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

JOHN N. MEYER.

Witnesses:

A. V. BRIGGS,  
B. J. STINSON.