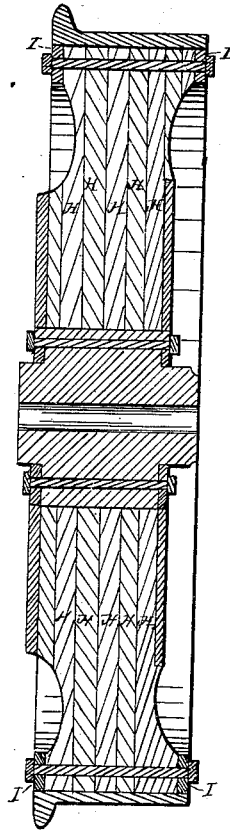


L. B. HUNT.  
RAILWAY CAR WHEEL.

No. 109,320.

Patented Nov. 15, 1870.



Witnesses { *W. H. Phillips*  
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# United States Patent Office.

LEWIS B. HUNT, OF NEW YORK, N. Y.

Letters Patent No. 109,320, dated November 15, 1870.

## IMPROVEMENT IN RAILWAY-CAR WHEELS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, LEWIS B. HUNT, of the city, county, and State of New York, have invented new and useful Improvements in Car-Wheels; and I do hereby declare the following to be a clear and exact description thereof, sufficient to enable others skilled in the art to which my invention appertains to use the same, reference being had to the accompanying drawing forming part of this specification.

My invention relates to the construction of a car-wheel.

It consists in making and constructing such a car-wheel of thin disks, layers, or veneers of wood, or its equivalent, placed together in such a manner that the grain in such disks or veneers of wood shall be in different directions; that is, that such layers or veneers shall be arranged and placed together in such a manner that the grain in such shall not be parallel with each other.

In the accompanying drawing the figure, which is a central transverse section, illustrates the feature of my invention.

The letters H H are thin sheets of wood or veneers placed laterally and glued, cemented, or otherwise secured firmly together. These layers are placed and se-

cured together in such a manner that the grains composing the same are in different directions or not parallel with each other.

At the center of the body of the wheel a hub is inserted in a suitable manner, so as to engage with and be secured to the axle, and a metallic tire is secured to the periphery in any well-known manner.

In thus constructing a car-wheel, elasticity, lightness, and strength are combined.

I do not limit myself to any particular form of a car-wheel, since any form of wheel can be constructed with my improvements.

Having thus described my invention,

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

A car-wheel, the body of which is composed of a series of thin disks or veneers of wood laid together with the grains crossings each other, cemented, glued, or otherwise secured together, in combination with a metallic rim and a hub, substantially as set forth.

LEWIS B. HUNT.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.