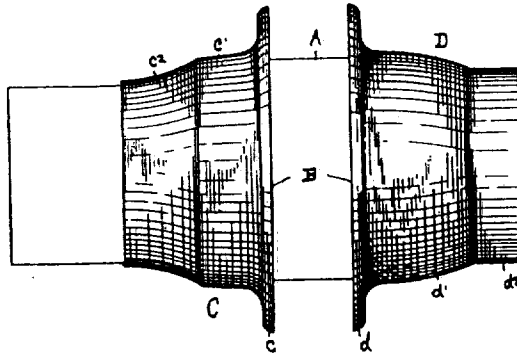


D12-207. OR D 16,626 EX

DESIGN.  
J. SIMPSON.  
HUB BAND.

No. 16,626.

Patented Apr. 13, 1886.



WITNESSES:

*Frederick Eibles*  
*J R Barton*

INVENTOR

*John Simpson.*  
BY *H. L. Fisher.*

ATTORNEY

# UNITED STATES PATENT OFFICE.

JOHN SIMPSON, OF CLEVELAND, OHIO, ASSIGNOR TO THE CLEVELAND  
MALLEABLE IRON COMPANY, OF SAME PLACE.

## DESIGN FOR A HUB-BAND.

SPECIFICATION forming part of Design No. 16,626, dated April 13, 1886.

Application filed February 4, 1886. Serial No. 190,861. Term of patent 14 years.

*To all whom it may concern:*

Be it known that I, JOHN SIMPSON, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented and produced a new and original Design in Bands for Carriage and Wagon Hubs, of which the following is a specification, reference being had to the accompanying drawing, forming part thereof.

The single figure of the drawing represents a plain elevation of my newly-designed band.

My design consists in a hub-band which, when viewed in elevation, shows two sides with flat even faced flanges projecting at right angles to the periphery of the body of the band, their edges and backs curved, as shown, and having a band-like body part on one side of the flanges, with a periphery running in parallel lines from its outer to its inner end, and a conoidal-shaped inner body part, as shown and described.

In the drawing, A is the hub. B is the hub-band, and C and D are its respective sides.

Each side of the band is formed with a flat-faced flange, lettered *c* and *d*, respectively. These flanges have edges that curve away from the faces and round into the backs, which extend inwardly toward the center of the hub in lines substantially parallel to the faces about half their depth, where they turn gracefully

outward and run into the surface of the body parts *c'* *d'*. The periphery of the body part *c'*, beyond the curvature of the base of the flange, is tubular and perfectly plain and even to its outer edge, where it tapers into an extension, *c''*, formed by concave converging lines running longitudinally, while the periphery of the part *d'* resembles a section of a conoid in longitudinal view, its surface being defined by lines running slightly convex and converging from the base of the inner flange to the band-like extremity *d''*, formed on its outer end.

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

In a design for a hub band, the contour of the same, consisting in the flat even faces and the curved edges and backs of the flanges *c* *d*, the plain band-like periphery of the outer body part, *c'*, and the curvature of the extension *c''*, running in concave converging lines longitudinally, and the periphery of the inner body part, *d'*, defined by converging convex lines extending from the base of the flange to the extremity *d''*, as shown and described.

JOHN SIMPSON.

Witnesses:

H. T. FISHER,  
CHAS. D. O'CONNOR.