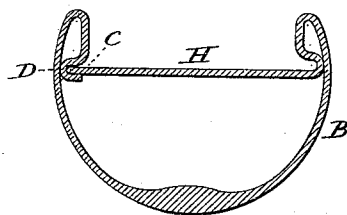


(No Model.)

A. H. OVERMAN.
HOLLOW WHEEL RIM.

No. 446,189.

Patented Feb. 10, 1891.



Witnesses
J. H. Shumway
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UNITED STATES PATENT OFFICE.

ALBERT H. OVERMAN, OF SPRINGFIELD, ASSIGNOR TO THE OVERMAN
WHEEL COMPANY, OF CHICOPEE FALLS, MASSACHUSETTS.

HOLLOW WHEEL-RIM.

SPECIFICATION forming part of Letters Patent No. 446,189, dated February 10, 1891.

Application filed December 24, 1889. Serial No. 334,855. (No model.)

To all whom it may concern:

Be it known that I, ALBERT H. OVERMAN, of Springfield, in the county of Hampden and State of Massachusetts, have invented a new
5 Improvement in Hollow Wheel Rims; and I do hereby declare the following, when taken in connection with accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the
10 same, and which said drawing constitutes part of this specification, and represents in the figure a view in transverse section of one form which a wheel-rim embodying my invention may assume.

15 My invention relates to an improvement in hollow rims for velocipede-wheels, the object being to produce a simple and stiff rim from a single piece of sheet metal.

20 With these ends in view my invention consists in a hollow wheel-rim formed from a single piece of sheet metal and having its body portion and its bed each containing one of the edges thereof, the said edges being shaped to be united below the edge of one
25 edge of the rim.

My invention further consists in certain details of construction, as will be hereinafter described, and pointed out in the claims.

30 Under my invention enough metal is taken in at one edge of the sheet-metal strip or blank to form the bed H, which therefore forms a continuation of the body portion B of the rim and contains one edge of the strip. As shown in the drawing, the other edge of
35 the strip is bent inward and downward and shaped to form a shoulder C and a seat D, the latter supporting the edge of the bed and

the former preventing the same from outward displacement when resting upon said seat. The edges of the metal are thus united 40 at a point below the edge of one edge of the rim.

In carrying out my invention the edges of the metal may be united on either the inside of the rim or on the outside thereof, and it is 45 apparent that the edges of the metal may be bent in a variety of ways in securing them together. I would therefore have it understood that I do not limit myself to the exact construction shown and described, but hold myself 50 at liberty to make such changes and alterations as fairly fall within the spirit and scope of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is— 55

1. A hollow wheel-rim formed from a single piece of sheet metal and having its body portion and its bed each containing one of the edges thereof, the said edges being shaped to 60 be united below the edge of one edge of the rim, substantially as described.

2. A hollow wheel-rim formed from a single piece of sheet metal and having its body portion and its bed each containing one of 65 the edges thereof, the edge in the body portion being shaped to form a seat located below the edge of one edge of the rim for the edge contained in the tread to rest upon, substantially as described.

ALBERT H. OVERMAN.

Witnesses:

DUFF MILES,
LUTHER WHITE.