





# UNITED STATES PATENT OFFICE.

GEORGE B. TALLMAN, OF SUFFERN, NEW YORK.

WEARING-SHOE FOR WHEELBARROWS.

993,805.

Specification of Letters Patent.

Patented May 30, 1911.

Application filed March 6, 1911. Serial No. 612,642.

*To all whom it may concern:*

Be it known that I, GEORGE B. TALLMAN, a citizen of the United States, and a resident of Suffern, in the county of Rockland and State of New York, have made and invented certain new and useful Improvements in Wearing-Shoes for Wheelbarrows, of which the following is a specification.

My invention relates to protecting shoes for the lower ends of wheelbarrow standards, the purpose of which is to protect the lower end of the standard from wear by contact with the ground; and the principal object of my invention is to provide a protecting shoe for the purpose stated which may be easily applied to the standard without providing a hole therein or otherwise specially preparing the standard, and which shoe will be firmly secured to the standard in such a way that it will not be likely to become displaced in use.

Other objects of my invention are to provide a protecting shoe which may be easily and cheaply manufactured, and which will be simple and effective for the purpose stated, and which may be readily removed from the standard when worn out and replaced by a new one.

With the objects above enumerated in view my invention consists in the improved protecting shoe for wheelbarrow standards illustrated in the accompanying drawing, described in the following specification, and particularly claimed in the clauses of the concluding claim, and in such modifications thereof as will be obvious to those skilled in the art to which my invention relates.

In the accompanying drawing: Figure 1 is a view in side elevation illustrating the application of my device to a wheelbarrow standard; Fig. 2 is a view showing the standard upon a larger scale and illustrating the application of my device thereto, and Fig. 3 is a view showing a section upon a plane indicated by the line 3, 3 Fig. 2.

In the drawing, 4 is one of two wheelbarrow standards located one upon each side of the wheelbarrow, these standards being commonly of substantially V shape with a curved lower end, this being the form in which such standards are usually made.

My improved protecting shoe is made up of two similar shoe members 5, 5 having each a lower face adapted to contact with

the ground and two vertical parallel side faces at right angles to said lower face, one of which side faces is provided with a groove 6 of a form corresponding with the lower end of the standard 4, the lower end of the standard and the groove being curved in the embodiment of my invention illustrated. The shoe member 5 is provided with a hole 7 at right angles to the parallel sides thereof, said hole being located above the groove 6 and adjacent the concave side thereof, so that a bolt 8 whereby two similar shoe members are secured together and to the lower end of the standard 4 to form a complete protecting member will pass above the lower portion of the standard.

A complete protecting shoe is formed by securing two such members as are above described upon opposite sides of the lower end of the standard by means of the bolt 8, the grooves 6 of the two members then registering with one another and the curved lower end of the standard lying within the grooves as shown. The protecting shoe is thus clamped to the standard and the stresses to which the shoe is subjected in use are taken up by the walls of the groove, and not by the bolt, the only stress upon the bolt being that produced in drawing the two members together against the lower end of the standard. The thickness of the shoe members 5, and the depth of grooves 6, are preferably so proportioned that the inner adjacent vertical sides of the members are separated slightly when the shoe is in place, as a better clamping action is thereby procured, and movement of the shoe relative to or upon the standard is avoided.

Having thus disclosed my invention, I claim and desire to secure by Letters Patent:

1. A protecting shoe member for wheelbarrow standards having a lower face adapted to contact with the ground and parallel side faces at right angles to said lower face, one of which side faces is provided with a groove, said shoe member having a hole at right angles to said side faces and located above said groove.

2. A protecting shoe member for wheelbarrow standards having a lower face adapted to contact with the ground and parallel side faces at right angles to said lower face, one of which side faces is provided with a curved groove, said shoe member having a



hole at right angles to said side faces and located above said groove and adjacent the concave side thereof.

3. A protecting shoe for the lower end  
5 of a wheelbarrow standard comprising two members located at the lower end of and upon opposite sides of the standard and which members project below the lower end of the standard and are provided each with  
10 a groove formed in the adjacent vertical surfaces of said members, and within which grooves the lower end of the standard lies when the shoe is in place, and a bolt extending through holes provided in said members  
15 whereby the same may be secured to the standard.

4. A protecting shoe for the lower end of a wheelbarrow standard comprising two members located at the lower end of and

upon opposite sides of the standard and 20 which members project below the lower end of the standard and are provided each with a groove formed in the adjacent vertical surfaces of said members, and within which grooves the lower end of the standard lies 25 when the shoe is in place, and a bolt extending through holes provided in said members whereby the same may be secured to the standard, said bolt being located above said groove. 30

Signed at Suffern in the county of Rockland and State of New York this 28th day of February, A. D. 1911.

GEORGE B. TALLMAN.

Witnesses:

JOHN L. CRANE,  
EDGAR WHITNER.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents Washington, D. C."

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