

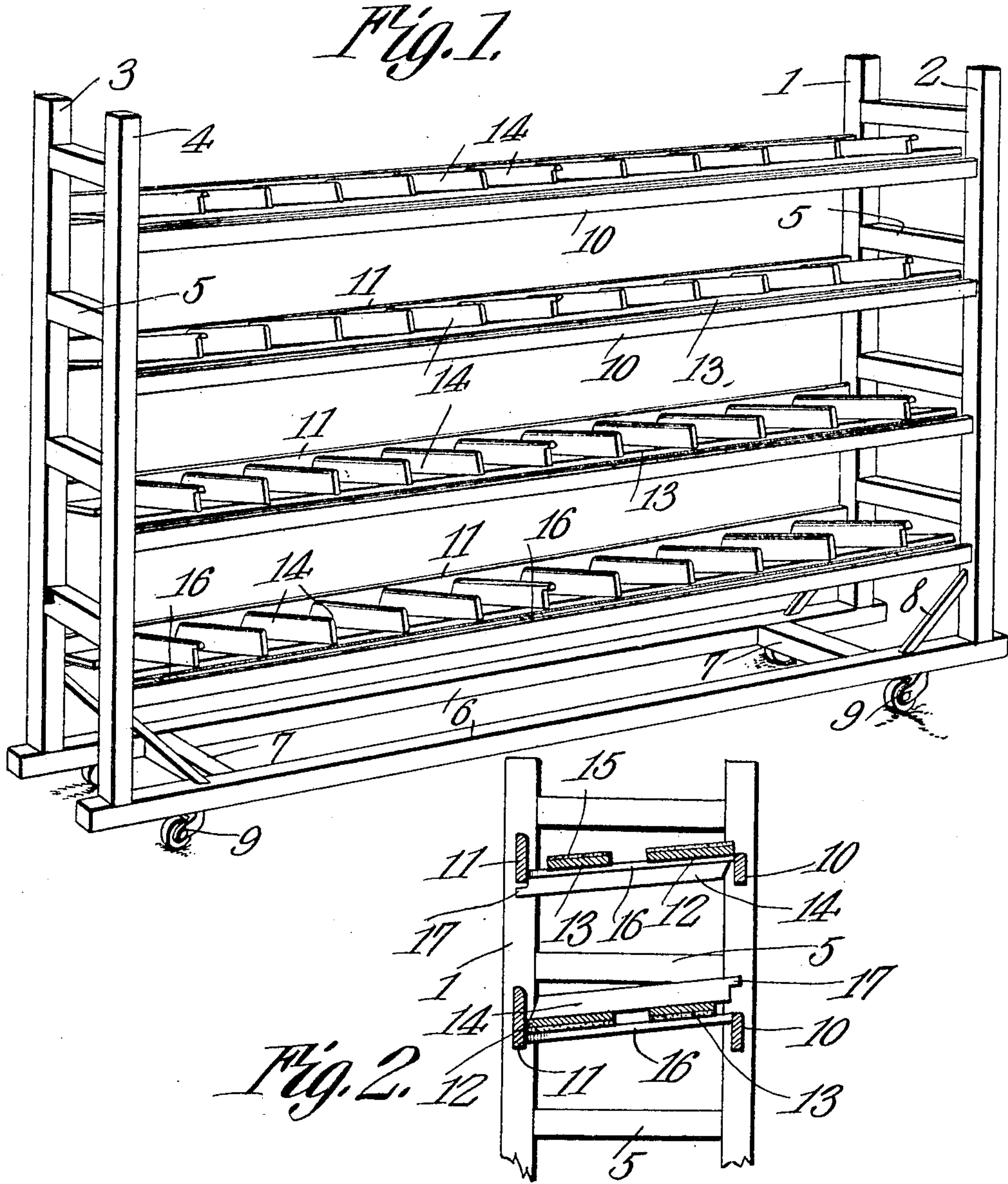
W. CARTIER.

SHOE RACK.

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904,755.

Patented Nov. 24. 1908.



Witnesses:

E. J. [Signature]
Roll [Signature]

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UNITED STATES PATENT OFFICE.

WILBROD CARTIER, OF ST. PAUL, MINNESOTA.

SHOE-RACK.

No. 904,755.

Specification of Letters Patent.

Patented Nov. 24, 1908.

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To all whom it may concern:

Be it known, that I, WILBROD CARTIER, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented a new and useful Shoe-Rack, of which the following is a specification.

This invention relates to shoe racks, such as are usually employed in shoe factories.

10 The object of the present invention is to provide an article of this character in which the shoes, undergoing various steps leading up to the final one, will be supported in such manner as, while their transportation will be facilitated, any danger of the shoes rubbing against each other, with attendant danger of damage, will be positively precluded.

20 With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of parts of a shoe rack, as will be hereinafter fully described and claimed.

25 In the accompanying drawings forming a part of this specification, and in which like characters of reference indicate corresponding parts:—Figure 1 is a view in perspective of a shoe rack constructed in accordance with the present invention. Fig. 2 is a view 30 in transverse section of the upper portion of the rack.

35 Generally stated, the rack comprises four vertical end standards 1, 2, 3, and 4 which are connected and braced by cross pieces 5, two base rails 6 that support the end standards and which are connected by cross pieces 7, the end standards being stayed by angular braces 8.

40 The base rails are supported upon swiveled casters 9 in the usual manner, to permit of the rack being transported from point to point with perfect ease.

45 The end standards are connected by pairs of rails 10 and 11, of which the latter project above the plane of the upper side of the rails 10 in order to provide stops against which the toes of the shoes will rest, as shown in Fig. 2, and be prevented from working off from the rack. Each of the racks, of which 50 there are four in this instance, consists of two spaced supports 12 and 13, to which are secured the shoe separators 14, which are properly spaced apart to receive the shoes. As shown in Fig. 1, the surface of the support between the separators, as well as the 55 separators themselves, are of plain wood,

while the other sides of the supports are covered with flannel or felt 15, the object of which will presently appear.

The racks are supported upon inclined 60 bars 16, the ends of which are mortised into the rails 10 and 11. It is intended that the inclination of the bars will be such that the tendency of the shoes will be to work toward the rails 11, and thus effectively prevent the 65 shoes from falling off from the rack.

At the final finishing of the shoes, greater care must be exercised than in the preliminary stages, and so in order to positively prevent the racks from jumping from the frame, 70 as from rough places in the floor over which the structure is pushed, one end of certain of the separators is provided with a reduced extension 17 that is designed to fit beneath the rails 11 when the felt or cloth-covered 75 sides of the rack are uppermost.

Of course, as will be understood, up to the time when the final finishing of the shoe is to take place, the racks will be arranged as shown in Fig. 1, that is to say with the separators uppermost, but after the soles of the shoes have been polished then the racks will be transposed to bring the felt or protected 80 sides upward, as shown at the upper portion of Fig. 2. 85

The improvements herein defined while simple in character, will be found thoroughly efficient for the purposes designed and will result in the presentation of a durable, and thoroughly practicable form of shoe rack. 90

I claim:—

1. An article of the class described comprising a wheeled frame, rails supported thereby, those at one side of the frame being of greater height than those of the other to 95 provide shoe stops, inclined bars secured to the rails, and racks reversibly supported by the bars, said racks consisting of a plurality of longitudinal supports, one side of each of which is protected, and spaced separators 100 carried by the other side of the support, one end of certain of the separators being provided with a reduced extension to engage with the under side of certain of the rails.

2. A rack comprising a portable frame, 105 rails carried thereby, those rails at one side of the frame being of greater height than the corresponding ones at the other side and constituting stops, inclined bars secured to the rails, and racks removably mounted on 110 the bars, each rack being inclined downwardly toward the bottom portion of one of

the stop rails, and comprising spaced longitudinal supports, a soft protecting material upon one face of the supports of each rack, and spaced parallel separators rigidly connecting the supports and extending from the other face thereof, certain of said separators having reduced end extensions to engage with the under side of one of the side rails.

3. A rack comprising a supporting frame including pairs of side rails, those rails at one side being higher than the corresponding rails at the other side and constituting stops,

inclined bars connected with said rails, and racks reversibly supported by the bars and inclined downwardly toward the lower edge portions of the adjacent stop bars.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILBROD CARTIER.

Witnesses:

JOHN R. WILBOR,
H. G. MILLER.