F. SCHIMPER.

SHOE CLEANER.

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1,026,774. Patented May 21, 1912.

Fig. 1.

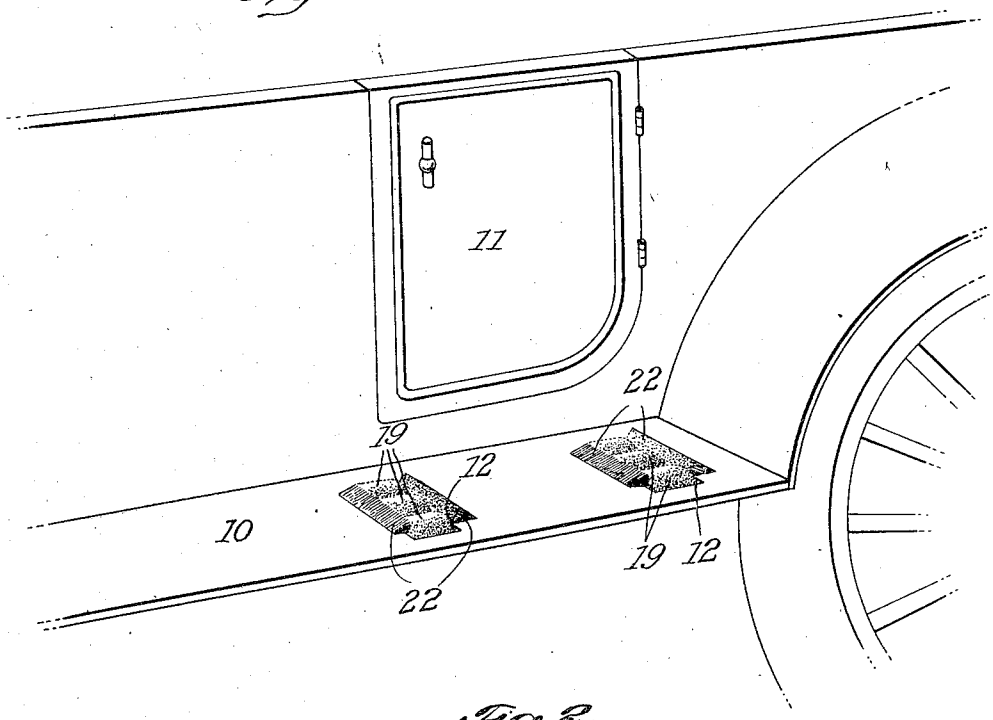
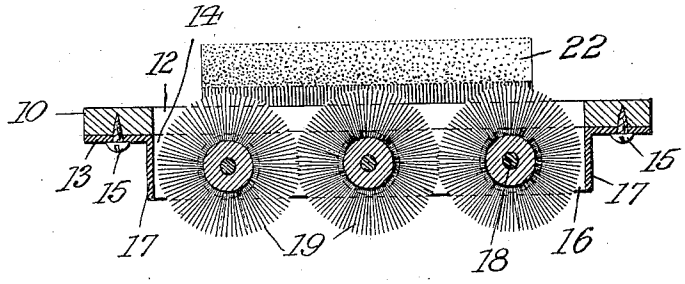


Fig. 2.



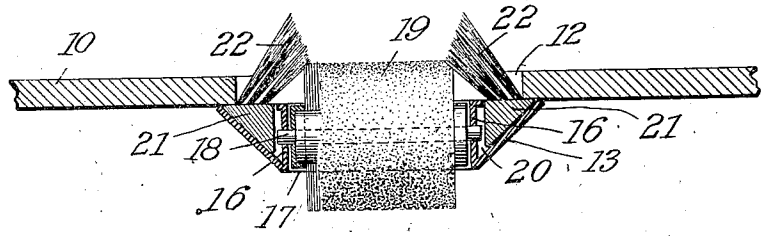


Fig. 3.

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UNITED STATES PATENT OFFICE.

FREDERICK SCHIMPER, OF UNION, NEW JERSEY, ASSIGNOR OF ONE-HALF TO ALFRED H. KOELLER, OF RIDGEFIELD PARK, NEW JERSEY.

SHOE-CLEANER.

1,026,774. Specification of Letters Patent. Patented May 21, 1912.

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To all whom it may concern:

Be it known that I, FREDERICK SCHIMPER, a citizen of the United States, residing in the town of Union, county of Hudson, and State of New Jersey, have invented a new and Improved Shoe-Cleaner, of which the following is a specification.

This invention relates to a shoe cleaner of novel construction which is carried by the running board of an automobile, and enables the passengers to subject their shoes to a thorough brushing, while entering the car. In this way the objectionable carrying of soil into the body of the vehicle, especially when stepping from a muddy road is effectively obviated.

In the accompanying drawing: Figure 1 is a perspective view of part of an automobile provided with a pair of shoe cleaners embodying my invention; Fig. 2 is a longitudinal section through one of the cleaners, and Fig. 3 is a cross section thereof.

A foot board such as the running board 10 of an automobile is provided at each side of the car door 11 with a slot or oblong opening 12 below which there is secured to the running board a frame 13 having a corresponding opening 14 and secured to the lower side of the running board by screws 15. Frame 13 has a pair of depending longitudinal flanges or bearings 16 and also if desired, a pair of depending transverse flanges 17.

In flanges 16 are journaled the shafts 18 of a plurality of cylindrical brushes 19 placed at such an elevation as to protrude for some distance above the face of the running board. Brushes 19 are preferably arranged at such proximity to each other that their bristles slightly overlap, so that the brushes will during action mutually clean each other. Along the outer side of each longitudinal flange 16, the frame 13 is provided with a pocket 20 that receives the back 21 of a side brush, said back having preferably an inclined lower face that rests upon the correspondingly inclined base of the pocket. The bristles 22 of the two side brushes, extend upwardly and inwardly in an oblique direction, so as to project over the ends of the cylindrical brushes 19.

On entering the car, the passenger steps on the cleaners constructed as described, and by passing his feet over the same a few times will effectively clean the soles and sides of his shoes. In this way no dirt will be carried into the vehicle, while the loosened dirt will fall through slots 12, 14 between brushes 19, down upon the roadbed, so that the running board is not in any way soiled.

I claim:

1. A foot board having a slot, a slotted frame secured to said board and provided with depending bearings, a plurality of cylindrical brushes journaled in said bearings, and a pair of side brushes extending over the ends of the cylindrical brushes.

2. A foot board having a slot, a slotted frame secured to said board and having depending bearings, and a plurality of cylindrical brushes journaled in said bearings, adjoining brushes overlapping each other along their working faces.

3. A foot board having a slot, a slotted frame secured to said board and having depending bearings, pockets in the frame at the sides of the bearings, a plurality of cylindrical brushes journaled in the bearings, and a pair of side brushes fitted in the pockets, and projecting over the ends of the cylindrical brushes.

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