No. 726,634. PATENTED APR. 28, 1903.

W. G. CALLENDER.

SHOE CLEANER.

APPLICATION FILED JAN. 30, 1903.

NO MODEL.

Fig. 1.

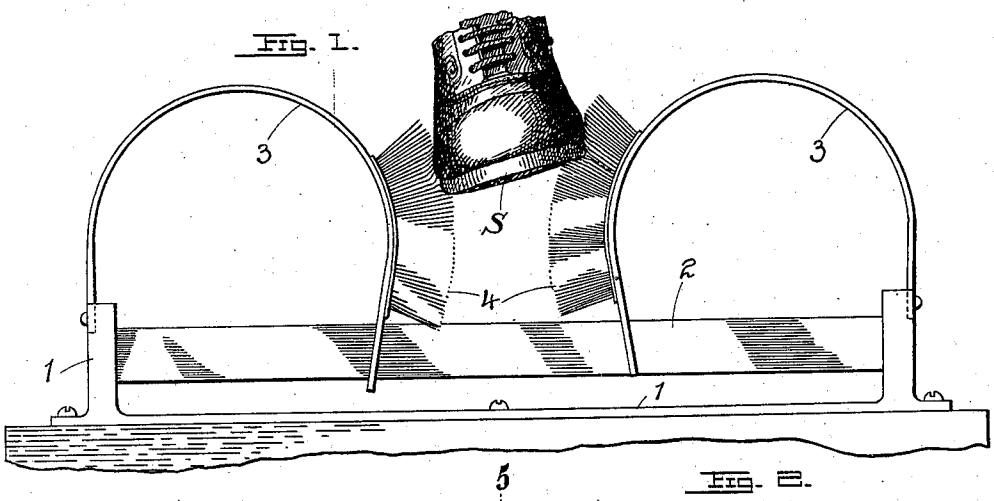


Fig. 2.

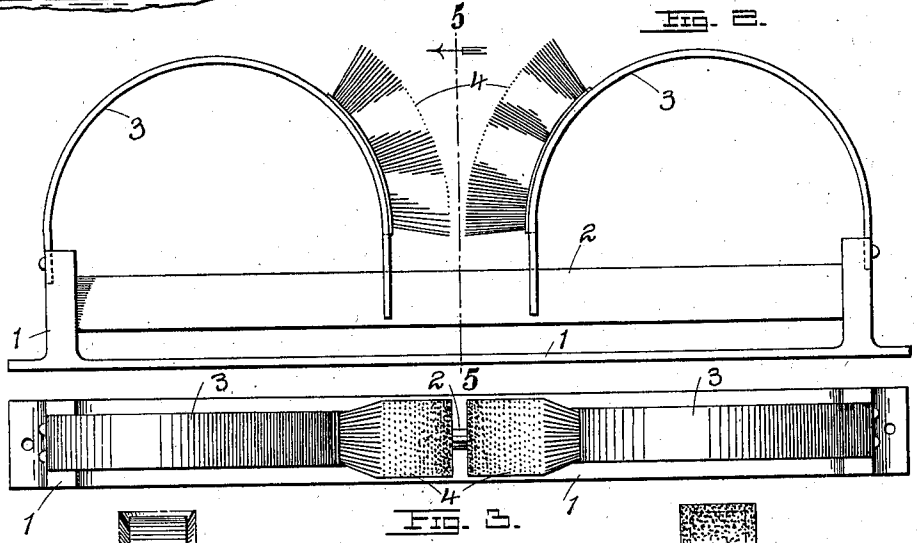


Fig. 3.

Fig. 4.

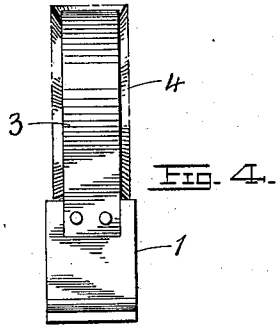
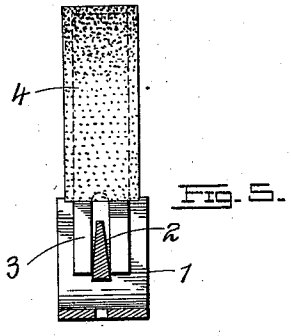


Fig. 5.



WITNESSES:

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WARD G. CALLENDER, OF PLAINFIELD, IOWA.

SHOE-CLEANER.

SPECIFICATION forming part of Letters Patent No. 726,634, dated April 28, 1903.

Application filed January 30, 1903. Serial No. 141,137. (No model.)

To all whom it may concern:

Be it known that I, WARD G. CALLENDER, a citizen of the United States, residing at Plainfield, in the county of Bremer and State of Iowa, have invented certain new and useful Improvements in Shoe-Cleaners, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention has relation to improvements in shoe-cleaners; and it consists in the novel construction of device more fully set forth in the specification and pointed out in the claim.

In the drawings, Figure 1 is a side elevation of the device, showing the shoe applied thereto. Fig. 2 is a side elevation showing the parts in their normal position. Fig. 3 is a top plan thereof. Fig. 4 is an end elevation, and Fig. 5 is a vertical section on line 5 5 of Fig. 2.

The object of my invention is to construct a shoe-cleaner which will not only effectively remove the dirt from the sides of the shoe, but serve as a scraper for the bottom of the shoe. In detail the invention may be described as follows:

Referring to the drawings, 1 represents a frame adapted to be secured to the floor or pavement, and 2 a beveled scraping-plate on which the bottom of the shoe can be cleaned. Secured to each end of the frame 1 and surmounting the scraper 2 is a bow-shaped spring 3, the adjacent free ends of the springs being forked and embracing the scraper 2, Fig. 5, whereby lateral displacement or deflection of the springs is prevented. The outer adjacent faces of the springs 3 are provided with brushes 4, whose surfaces diverge from one another to allow for the free insertion between them of the shoe S, the resiliency of the springs 3 permitting the latter to yield and become compressed, the forked ends of the springs guiding said springs along the scraper in such compression. The brushes serve to clean the sides of the shoe, after which the person scrapes the bottom of the shoe against the beveled edge of the plate 2 and the shoe is completely cleaned.

I do not of course wish to be limited to the details here shown, as these may be departed from in a measure without affecting the nature or spirit of my invention.

Having described my invention, what I claim is—

A shoe-cleaner comprising a frame, a scraper-plate carried thereby, spring-bows surmounting the scraper, and having fixed ends at opposite ends of the scraper, the adjacent free ends of the bows being forked and spanning said scraper, and brushes secured to the bows at points adjacent to the forked free ends thereof, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WARD G. CALLENDER.

Witnesses:
ANNA I. MOODY,
G. S. HARDING.