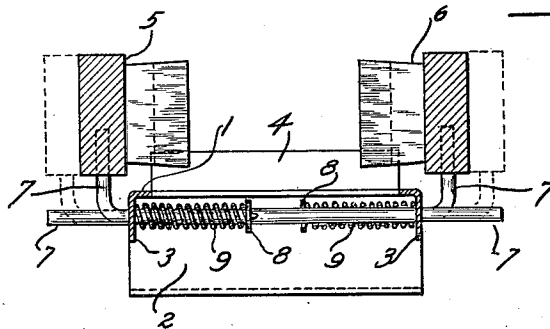
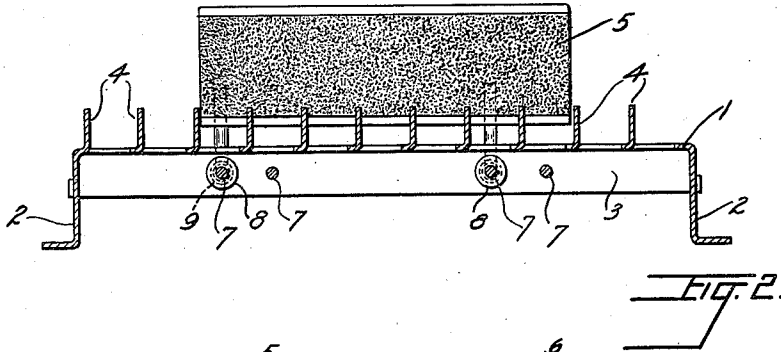
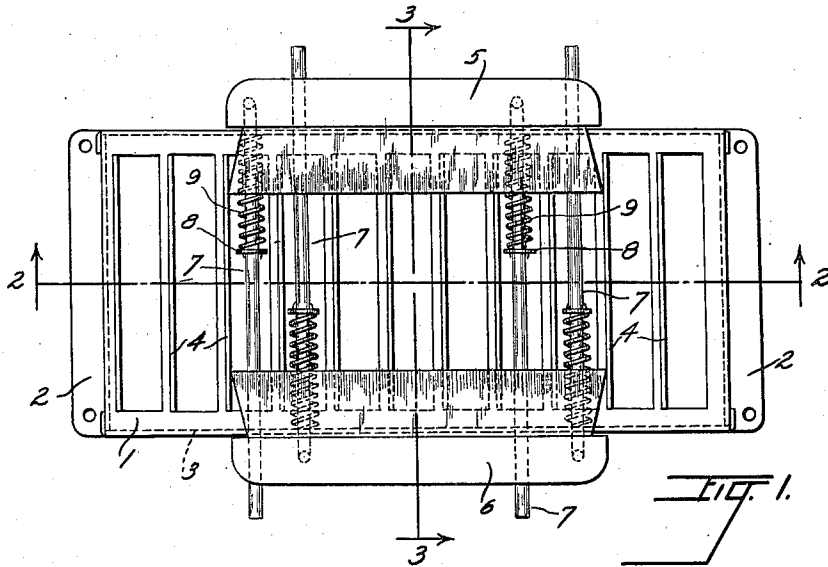


V. M. GRAB.
 DEVICE FOR CLEANING SHOES.
 APPLICATION FILED JULY 31, 1911.

1,028,208.

Patented June 4, 1912.



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DEVICE FOR CLEANING SHOES.

1,028,208.

Specification of Letters Patent.

Patented June 4, 1912.

Application filed July 31, 1911. Serial No. 641,639.

To all whom it may concern:

Be it known that I, VICTOR M. GRAB, a citizen of the United States, and residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Devices for Cleaning Shoes, of which the following is a complete specification.

The main objects of this invention are to provide a device for cleaning shoes or the like in a quick and efficient manner of all adhering dirt or mud; to provide a device adapted to simultaneously clean the soles and sides of the shoe; to provide a shoe cleaning device in which the wiping devices are yieldingly mounted in the frame to permit them to engage the sides of the shoe with a yielding pressure; and to provide a very simple and cheap device adapted to perform its work with great efficiency.

A specific embodiment of the invention is illustrated in the accompanying drawings, in which:

Figure 1 is a plan view of a device for cleaning shoes embodied in this invention. Fig. 2 is a section taken on line 2—2 of Fig. 1. Fig. 3 is a section taken on line 3—3 of Fig. 1.

In the construction shown, the frame 1 is stamped out of a single piece or sheet of metal and comprises end pieces 2, which are adapted to be secured to a suitable support in position for the operator to draw his shoes over the cleaning members without removing them from his feet, and side members 3 which are turned downwardly at the ends of the end pieces.

Formed integrally with and turned upwardly from the top of the frame are the scraping blades 4 which extend in parallel relation to each other transversely of the frame. Said blades extend upwardly from the frame approximately the same distance, and are adapted, when the shoe is drawn transversely over them, to scrape the adhering dirt from the sole of the shoe.

Positioned at the sides of the frame, and extending above the same, are the brushes or wiping devices 5 and 6, each of which is provided with a pair of downwardly and laterally directed arms 7 which are slidably

mounted in the side frame members 3. The arms of one brush extend in the opposite direction from those of the other, and each arm is provided with a collar 8, between which and the side members 3 adjacent to the brush, is a coiled spring 9 which normally acts to hold the brush at the inner limit of its movement, or that nearest to the blades.

The operation of the construction shown is as follows: The frame being rigidly secured in position, the shoe is drawn over the blades 4 between the brushes, and the blades will scrape the adhering dirt from the sole. The brushes 5 and 6 engage the sides of the shoe and the edges of the sole and thoroughly remove the dirt therefrom. If the shoe is wide the brushes may spread apart to permit it to pass therebetween but the springs 9 will cause them to bear with a yielding pressure against the shoe, so that the device will effectively clean shoes of varying sizes without requiring adjustment for each size.

While but one specific embodiment of the invention has been herein shown and described it will be understood that many details of the construction shown may be varied or omitted without departing from the scope of the claims.

I claim:

1. A device for cleaning shoes, comprising a frame, scraping devices on the frame, a brush at each side of the frame extending above the scraping devices, a pair of arms on each brush, both arms being slidably mounted in both sides of the frame, and means on the arms acting to normally hold the brushes at the inner limit of their movement.

2. A device for cleaning shoes, comprising a frame having scraping means thereon, wiping devices at the sides of the frame, a pair of arms on each wiping device, the arms of each pair being slidably mounted in both sides of the frame, and springs on said arms adapted to abut against the frame and normally hold the wiping devices at the inner limit of their movement.

3. A device for cleaning shoes, comprising a frame, a plurality of scraping blades

on the frame, a brush at each side of the frame, downwardly and laterally directed arms on each brush, and means yieldingly supported on said arms and permitting the
5 brushes to move to and from the frame when in operation.

In witness whereof I have hereunto sub-

scribed my name in the presence of two witnesses.

VICTOR M. GRAB.

Witnesses:

JOSEPH W. DANZIGER,
GEO. A. RUTHS.

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