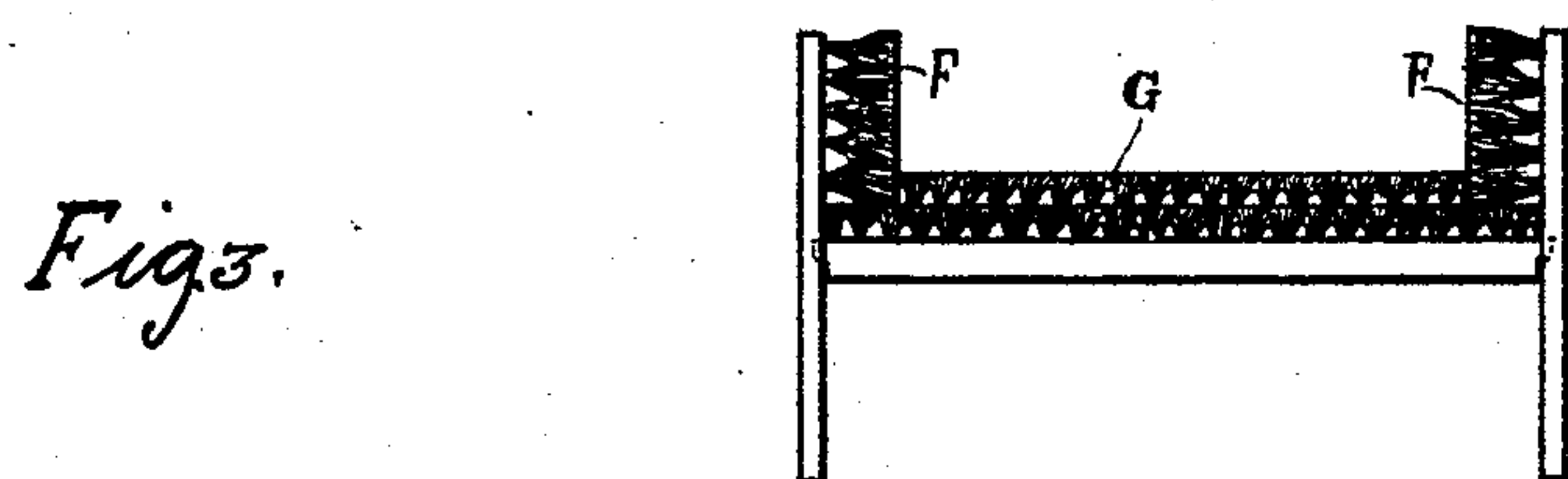
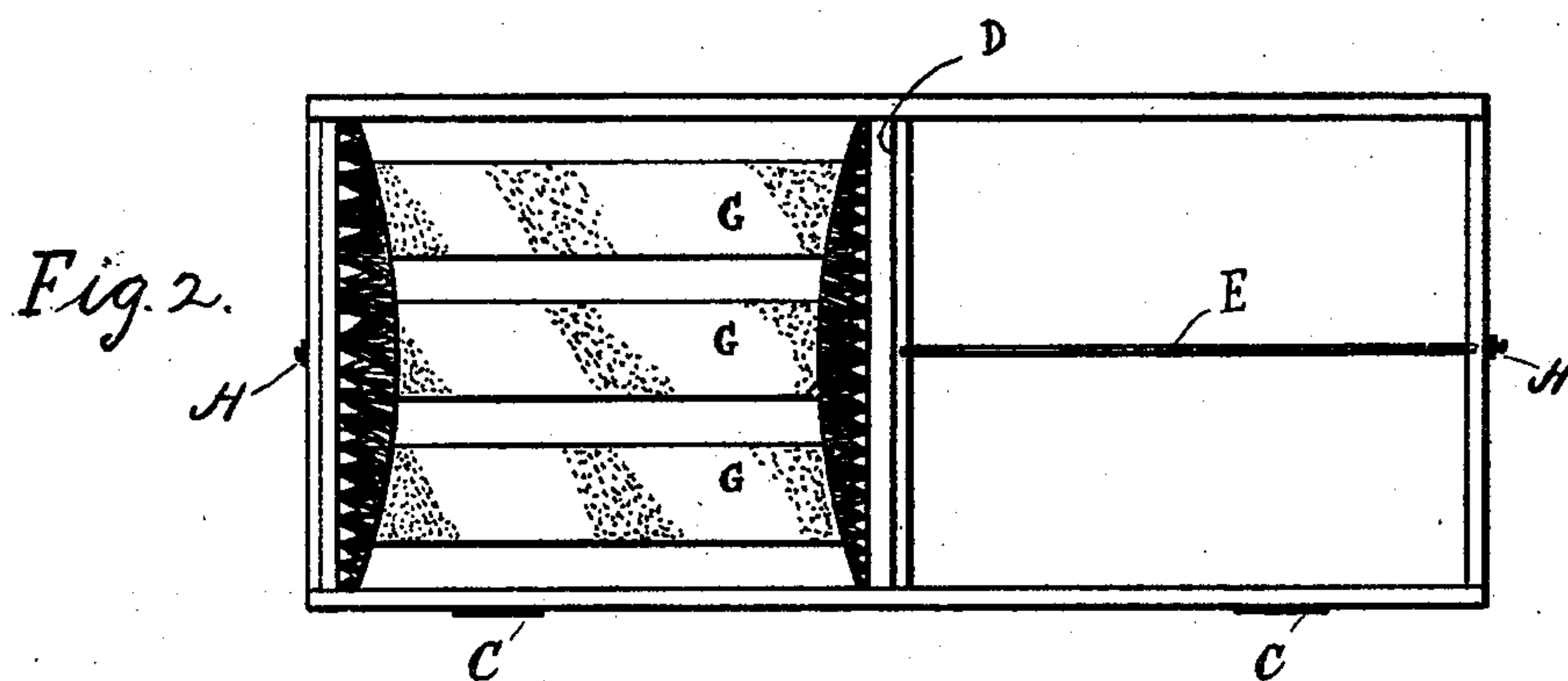
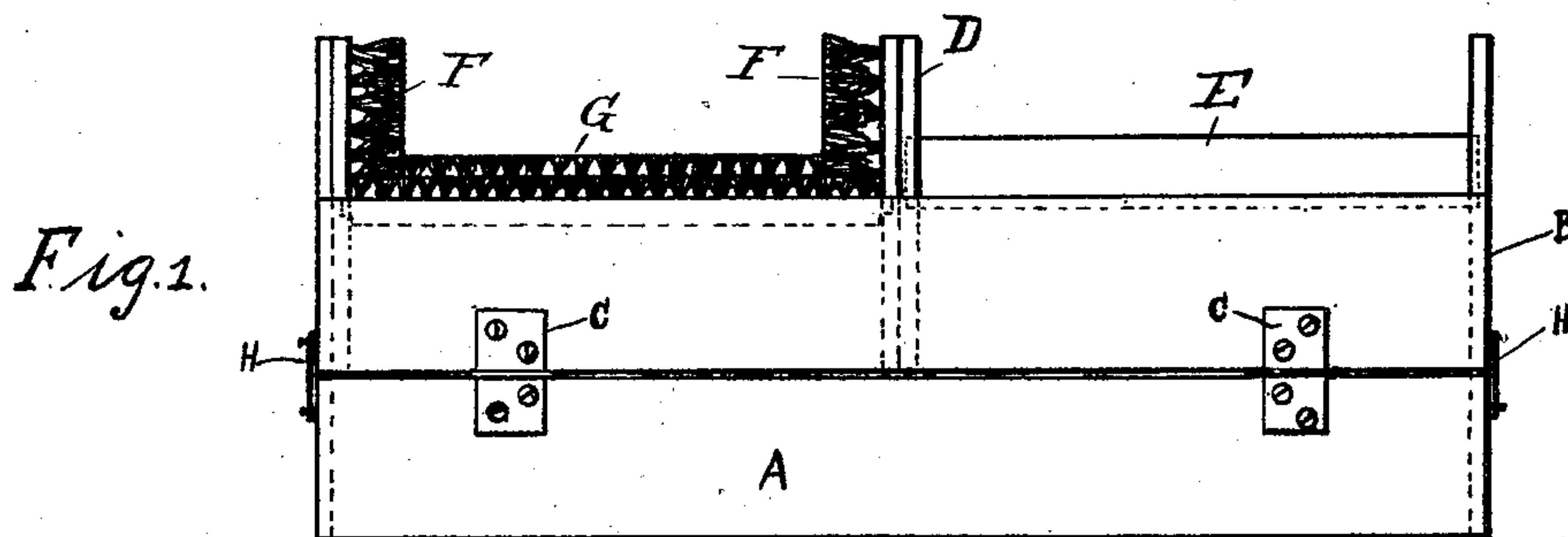


No. 861,278.

PATENTED JULY 30, 1907.

M. S. HATCH.
SHOE CLEANER.

APPLICATION FILED JAN. 21, 1907.



Witnesses
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MICHAEL S. HATCH, OF BRYN MAWR, PENNSYLVANIA.

SHOE-CLEANER.

No. 861,278.

Specification of Letters Patent.

Patented July 30, 1907.

Application filed January 21, 1907. Serial No. 353,178.

To all whom it may concern:

Be it known that I, MICHAEL S. HATCH, a citizen of the United States, residing at Bryn Mawr, county of Montgomery, and State of Pennsylvania, have invented a certain new and useful Improvement in Shoe-Cleaners, of which the following is a specification.

My invention relates to a new and useful improvement in shoe cleaners, and has for its object to provide an exceedingly simple and effective device of this description which may be placed at any convenient point where a person may scrape dirt from the soles of the shoes and thoroughly remove the finer particles by passing the shoe over and between a series of brushes, the dirt falling from the shoes, passing into a receptacle from which it may be easily removed.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction in detail, referring by letter to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a rear view of my improved cleaner. Fig. 2, a plan view thereof. Fig. 3, a detail view of the brushes used for finishing the cleaning operation.

In carrying out my invention as here embodied, A represents a tray or receptacle, which may be made of any convenient size, and to which is secured the frame B by the hinges C. This frame is divided into two sections by the partition D, and within one section is secured the scraper E by which mud or heavy dirt may be removed from the soles of the shoes, and when so removed it will fall into the receptacle A. In the other section of the frame is located a series of brushes

consisting of two side brushes F and a number of horizontal brushes G, the latter preferably secured to the side brushes, so that the whole series may be set in the frame, as shown in Figs. 1 and 2.

Any suitable fasteners such as the hooks H may be used for holding the frame in its proper position upon the tray when the device is in use and for permitting the frame to swing open so as to facilitate the emptying of the accumulated dirt from the tray.

I prefer that the surface of the brushes shall be curved, as indicated in Figs. 1 and 3 in order to better adapt themselves to the contour of the shoes, as will be readily understood.

In practice, the cleaner is placed at any convenient location, and a person desiring to clean their shoes has only to first draw the soles of the shoes over the scraper E and then move each shoe back and forth over the brush G and between the brushes F, when all the thin particles of dirt will be removed therefrom.

Of course I do not wish to be limited to any particular size or shape of cabinet, nor of the number of brushes G located therein, as these may be varied within reasonable limits without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful, is—

In a shoe cleaner, a tray, a frame hinged to said tray, means for holding said frame in its closed position, a series of brushes fixed in said frame consisting of two side brushes having opposing convex faces, and a number of horizontal brushes, the central brush extending above the outer ones.

In testimony whereof, I have hereunto affixed my signature in the presence of two subscribing witnesses.

MICHAEL S. HATCH.

Witnesses:

J. H. HALL,

HARRY T. LEEDOM.