

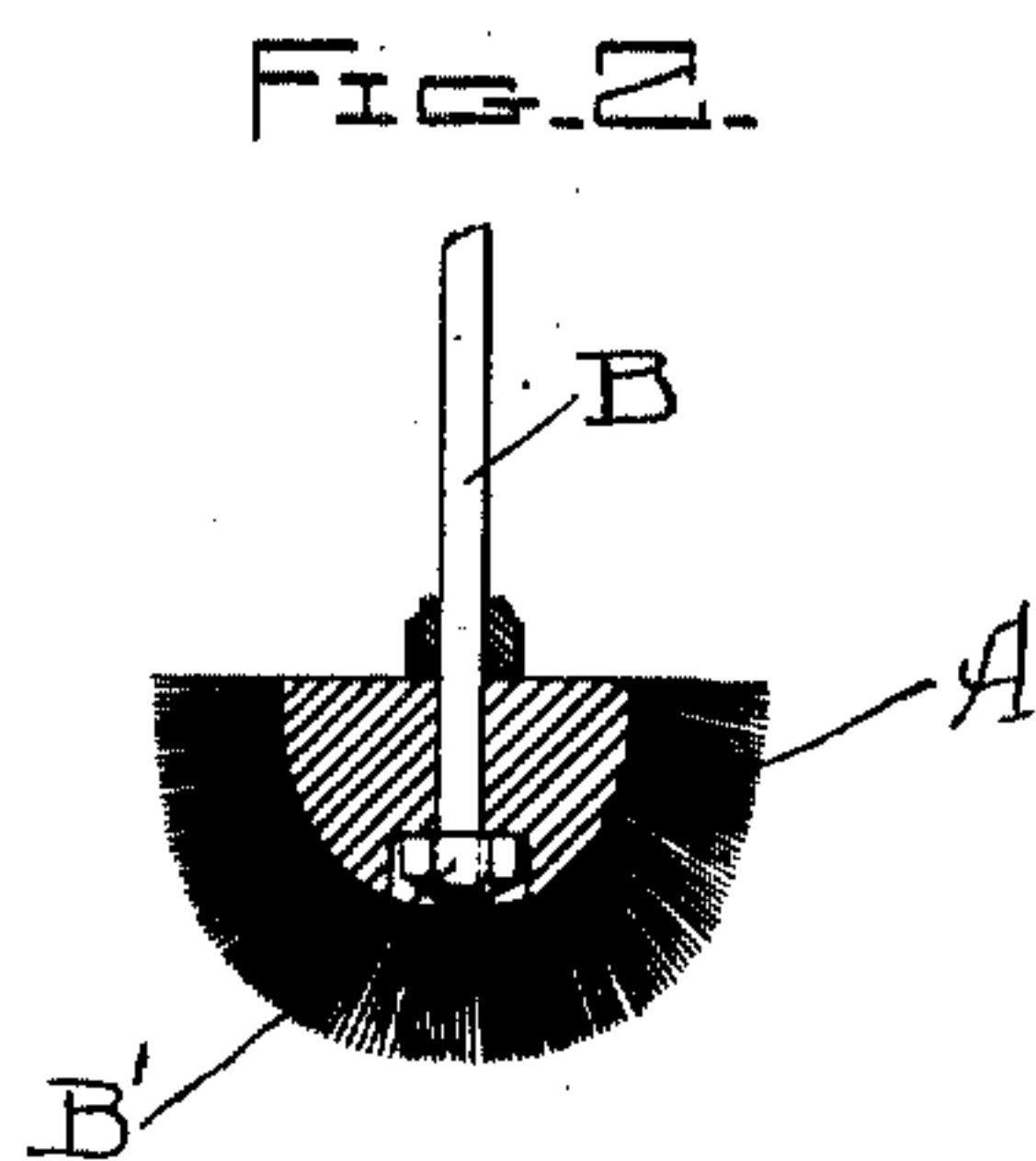
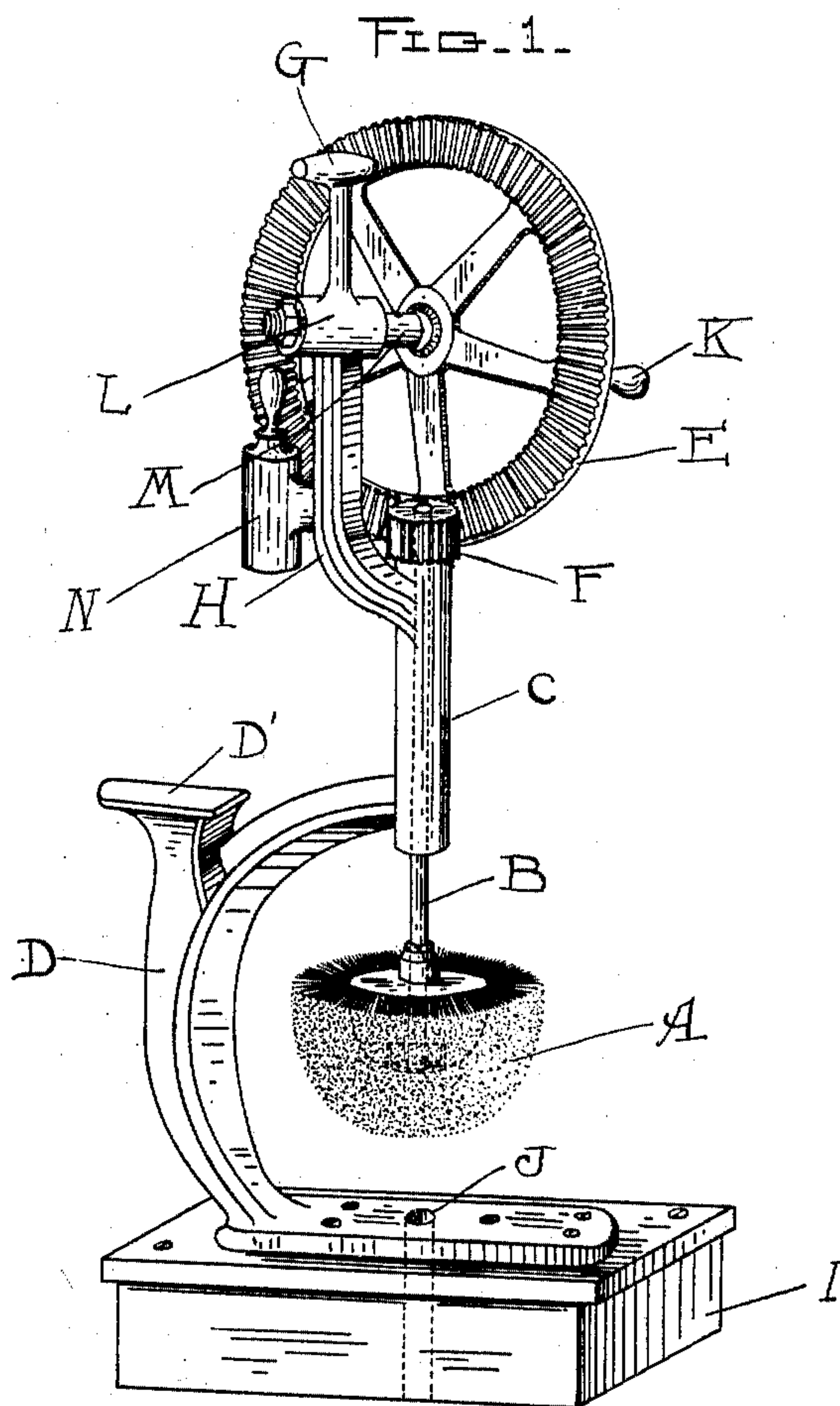
No. 759,015.

PATENTED MAY 3, 1904.

F. L. ROLPH.
BOOT POLISHER.

APPLICATION FILED SEPT. 12, 1903.

NO MODEL.



Witnesses,
M. S. Rolph
L. S. Taft

Inventor,
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UNITED STATES PATENT OFFICE.

FREDERICK L. ROLPH, OF FITCHBURG, MASSACHUSETTS.

BOOT-POLISHER.

SPECIFICATION forming part of Letter: Patent No. 759,015, dated May 3, 1904.

Application filed September 12, 1903. Serial No. 172,879. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK L. ROLPH, of Fitchburg, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Boot-Polishers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification.

This invention relates to boot cleaners and polishers adapted to stand at a door or other convenient place, and has for one object to provide means for cleaning boots and shoes by removing dirt and dust therefrom in a simple and effective manner previous to entering the house. It is furthermore adapted to be used for polishing boots and shoes after blacking has been applied, thus avoiding the necessity of stooping over or down to obtain the desired results.

Figure 1 represents a perspective view of a boot-polisher in working position; Fig. 2, a sectional detail of a brush and part of a shaft.

Referring to the drawings, A represents a brush which is hemispherical in form and made in the usual way by taking a head made of wood or other suitable material and inserting bristles in said head in any usual manner common to the art of brush-making.

The letter C indicates a vertical standard or hollow bearing, to the lower end of which is rigidly secured a supporting-arm D, which curves outwardly to allow room for the action of the brush and removably connected with a base or stand I, upon which the structure rests. Forming a part of the supporting-arm D is a foot-rest D' for the purpose of resting the foot while applying blacking previous to using the polishing-brush.

At the upper end of the standard C and forming a part thereof is an arm H, at the top of which is a bearing L, and connected rigidly with said bearing L is a handle G for the purpose of enabling the operator to hold a steady position while operating the brush. Also attached to the arm H is a frame N for holding a can or bottle which contains

blacking. The brush-shaft B is mounted in and supported by the standard C. To the lower end of said shaft is connected the brush A by means of the shaft passing centrally through said brush or the head thereof and removably secured thereto by a nut B'. The brush-head may be removed by taking the nut from the shaft, and the shaft B may be removed from the bearing C by being drawn up through the said bearing in the usual manner. To the extreme upper end of the shaft B is applied a pinion F. A gear E, having a handpiece K, meshes with the pinion F and imparts a relatively high speed thereto. This gear E is connected with a shaft M, which is loosely mounted in the bearing L and adjustably secured by a nut.

As is evident, when the operator grasps the handle G with one hand and the handle K with the other the position is such that the polishing-brush may be easily rotated and a high motion imparted to said brush by means of the driving-gear described. It will of course be understood that the device is more particularly adapted to use as a boot-polisher. The can or bottle held by the frame N is provided with a handled blacking-applier which prevents soiling the hands when applying the blacking, and the action of the brush upon the boot when pressed against the brush gives the desired result.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

In a shoe cleaning and polishing machine, a suitable platform, a frame comprising a base mounted and anchored on the platform, a standard curved rearwardly and upwardly with relation to the platform, a vertically-disposed bearing carried by the upper end of the standard, an extension-standard standing from the upper end of the bearing at right angles to the curve of the lower standard, the said extension-standard having a bearing and terminating above the bearing in a handle, a suitable shaft journaled in the bearing of the extension-standard, a gear-wheel carried

by the stub-shaft, a shaft in the first-named bearing, a pinion thereon meshing with the gear-wheel, a brush-head carried by the lower end of the shaft, the said brush operating in
5 certain relation to the base as and for the purpose described.

In testimony that I claim the foregoing as

my invention I have hereunto affixed my signature in presence of two witnesses.

FREDERICK L. ROLPH. [L. s.]

Witnesses:

M. S. ROLPH,

O. A. TAFT.