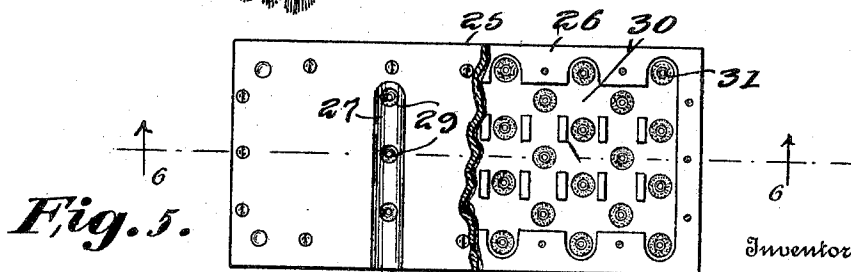
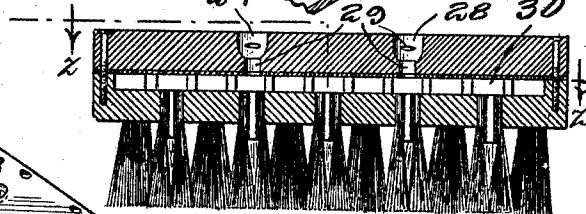
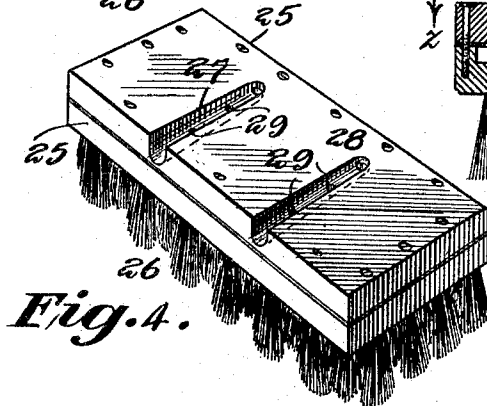
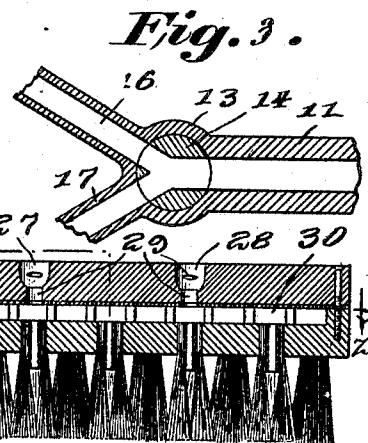
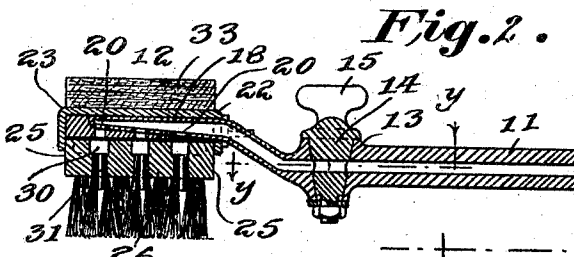
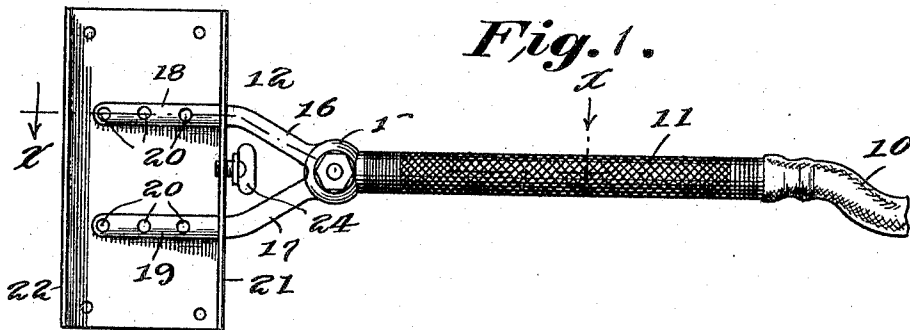


C. LOVELL.
SHOE SHINING APPARATUS.
APPLICATION FILED MAR. 15, 1916.

1,216,239.

Patented Feb. 13, 1917.



Witness:
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CARL LOVELL, OF OSCEOLA, IOWA.

SHOE-SHINING APPARATUS.

1,216,239.

Specification of Letters Patent.

Patented Feb. 13, 1917.

Application filed March 15, 1916. Serial No. 84,431.

To all whom it may concern:

Be it known that I, CARL LOVELL, a citizen of the United States, residing at Osceola, in the county of Clarke and State of Iowa, have invented new and useful Improvements in Shoe-Shining Apparatus, of which the following is a specification.

This invention relates to shoe shining apparatus.

10 An object of the invention is to provide a holder member for either a blacking brush or a polishing pad and to arrange the same whereby a pipe member, receiving a liquid blacking from a suitable reservoir, may be
15 connected with the brush to feed a desired quantity of the liquid blacking to the brush.

With the above and other objects in view, the improvement resides in the construction, combination and arrangement of parts set
20 forth in the following specification and falling within the scope of the appended claims.

In the drawings:

Figure 1 is a plan view of the holder member, the brush being removed,

25 Fig. 2 is a sectional view approximately on the line $x-x$ of Fig. 1 with the brush and pad shown in position,

Fig. 3 is a detail horizontal sectional view approximately on the line $y-y$ of Fig. 2,

30 Fig. 4 is a perspective view of the brush,

Fig. 5 is a top plan view of the brush with the parts broken away approximately on the line $z-z$ of Fig. 6, and

35 Fig. 6 is a longitudinal sectional view through the brush approximately on the line 6-6 of Fig. 5.

The improvement is adapted to receive a supply of liquid blacking from a suitable reservoir or container.

40 The holder member is broadly indicated by the numeral 12 and includes a pipe member 11 which has secured to one of its ends a flexible tube 10, and this tube is connected with a source of supply (not shown).

45 The pipe 11 is provided adjacent its free end with an integral thimble 13, the same being preferably of a conical formation and having a seat for the plug 14 of a valve 15. The thimble is provided with two angularly arranged branch pipes 16 and 17 respectively, and the valve plug 14 is provided with three communicating ports, which when the liquid is to flow through the branch pipes 16 and 17 register with the
50 pipe 11 as well as with the said branch pipes and when the valve is turned these

ports are brought out of alinement with all of the said pipes.

The branch pipes 16 and 17 terminate in spaced parallel extensions 18 and 19 respectively, the said extensions being of course
60 hollow and having one of their faces flat, the said flat face is provided with a plurality of apertures 20.

The holder member 12 is substantially
65 U-shaped comprising a plate provided with parallel sides 21 and 22. One of the sides has openings to receive the extensions 18 and 19 of the branch pipes 16 and 17 to permit of the said extensions resting upon the
70 central portion or plate 23 of the holder member 12. One of the sides of the holder member 21, has a threaded aperture through which is screwed the shank of a thumb nut
75 24 and which is adapted to contact with one of the sides of the back 25 of a brush member 26 to retain the brush in the holder. It is, of course, to be understood that the ends
80 18 and 19 of the branch pipes may be secured to the holder if desired, and that the pipe section 11 is adapted to be employed as a handle for the holder.

The back 25 of the brush 26 is provided with transverse depressions or channels 27 and 28 which enter from one of the sides of
85 the back and which are adapted to receive the parallel ends 18 and 19 of the branch pipes 16 and 17, and the lower walls of these depressions 27 and 28 are provided with perforations 29 which communicate with the
90 bristles of the brush. Transversely arranged channels 30 communicate with the perforations 29 in the depressed portions 27 and 28, and the brush is provided with ports or perforations 31 which communicate with
95 the said channels so that the liquid from the source of supply may be fed to all of the bristles of the brush. The numeral 33 designates the polishing pad which is also
100 secured to the holder 22 and which is employed for shining the shoes after the liquid has been applied thereto.

From the above description, taken in connection with the accompanying drawings, the simplicity of the device, as well as the
105 advantages thereof will, it is thought, be perfectly apparent to those skilled in the art to which such invention appertains without further detailed description.

Having thus described the invention,
110 what I claim is:

1. In a device for the purpose set forth,

the combination, of a conducting pipe having branch extensions which are perforated and a valve for the pipe in the extensions thereof, a flanged holder receiving the perforated branch members of the pipe, a
5 brush removably connected with the holder and having depressions to receive the branch pipes, said brush being provided with channels communicating with the said depressions and with apertures between the bristles
10 of the brush and the said channels.

2. In a shoe shining device, a liquid blacking pipe having its end provided with angular pipe extensions which are perforated
15 upon one of their faces and having a valve at the juncture of the said branch extensions, a holder member receiving the branch

ends of the pipe, a brush having transverse depressions adapted to be removably connected to the holder and the said depressions
20 to receive the perforated branch pipes, said brush having perforations leading from the lower walls of its depressions, its head channeled and the said channels communicating
25 with the said perforations, and the brush being further provided with ports disposed between the bristles of the said brush and the said channels.

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

CARL LOVELL.

Witnesses:

LILLIE D. LOVELL,
W. W. JOHNSON.

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