C. ROSEN.

SHOE POLISHING DEVICE.

APPLICATION FILED APR. 22, 1915.

1,156,435. Patented Oct. 12, 1915.

Fig. 1.

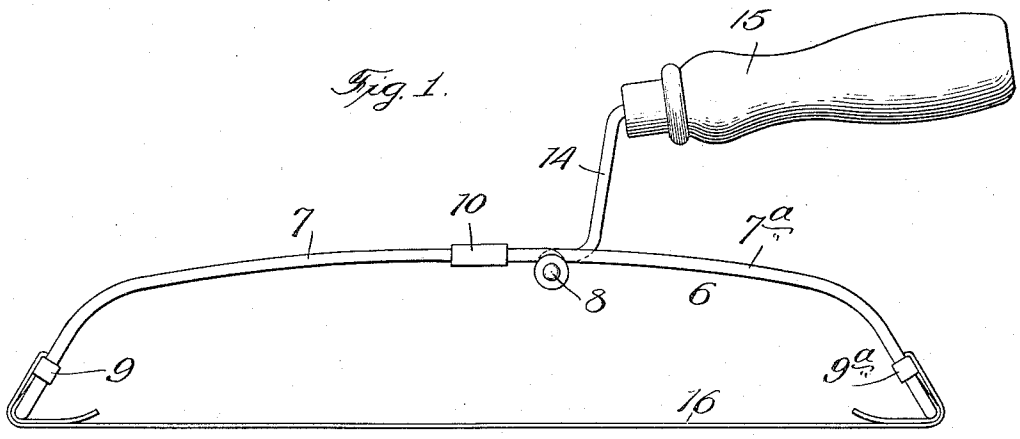


Fig. 2.

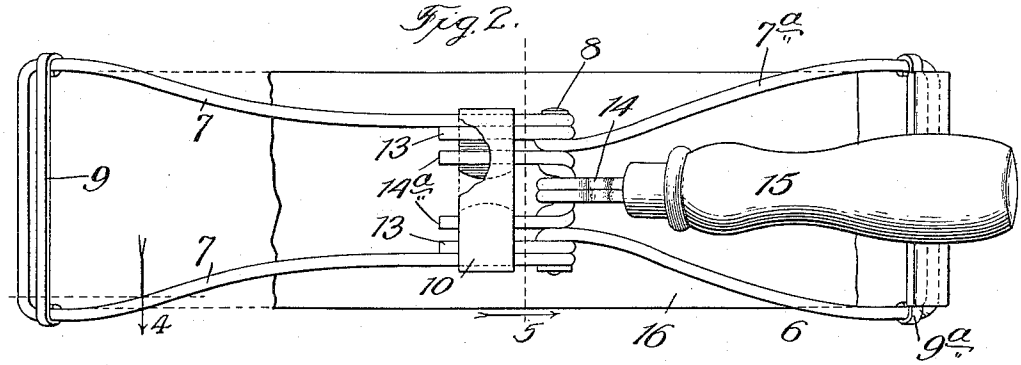


Fig. 3.

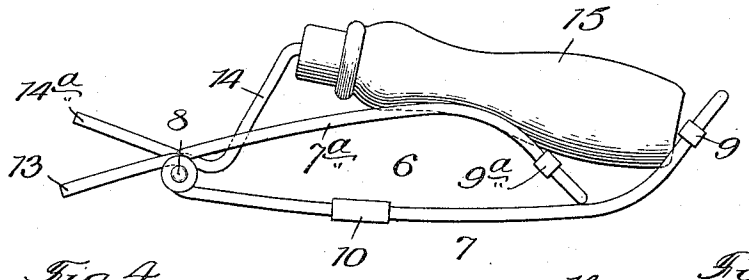


Fig. 4.

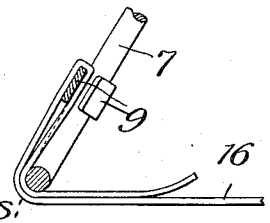
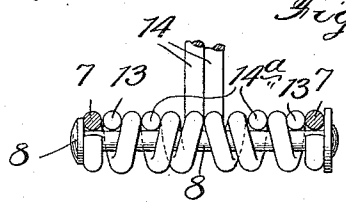


Fig. 5.



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SHOE-POLISHING DEVICE.

1,156,435. Specification of Letters Patent. Patented Oct. 12, 1915.

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To all whom it may concern:

Be it known that I, CARL ROSEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Shoe-Polishing Devices, of which the following is a specification.

The object of my invention is to provide a device or implement for polishing the dressing on shoes and boots, which shall be adapted to be folded into small compass for convenience in carrying it, particularly in a hand-bag, suit-case and the like, to render it readily available by users away from home or while traveling, and which shall be of simple construction well adapting it for its purpose.

In the accompanying drawing, Figure 1 is a view of the device in side elevation; Fig. 2 is a broken plan view of the same; Fig. 3 shows the device in its folded condition without the polishing cloth; Fig. 4 is an enlarged section of a portion of the device on line 4, Fig. 2, and Fig. 5 is a similar section on line 5, Fig. 2.

The device comprises a frame 6 formed of hinged sections, preferably, for the sake of lightness, durability and cheapness of construction, of strong and somewhat resilient wire. The wire forming the section 7, which is shown to be the longer, is loosely fastened at its ends about a headed pintle 8, whence it expands, as shown, toward its outer, closed end and curves downwardly. Near the outer end, this section carries rigidly a bar 9; and it also carries a sliding ferrule 10. The relatively shorter section 7^a is of the same shape as the companion-section and carries rigidly a bar 9^a spaced from the closed end, as in the case of the section 7; but the inner ends of the wire are coiled about the pintle to abut against the respectively adjacent ends of the section 7, and are extended as straight tongues 13. A handle-carrying wire 14, doubled upon itself in parallel lengths, is coiled at its ends about the pintle in a manner to rotatably or loosely confine these coils between those on the ends of the section 7^a; and these ends are extended, like those of the last-named section, as straight tongues 14^a. The wire 14 extends from the pintle in approximately inverted Z-shape to enter, at its outer end, a suitable handle 15, which is thereby secured to the section 7^a, and extends lengthwise and centrally over the latter and at a convenient angle, when the device is in its distended, or unfolded operative condition represented in Figs. 1 and 2. A strip 16, of suitable polishing material, such as flannel or other desired material, is removably fastened on the frame by passing the end-portions of the strip downwardly about the respective bars 9, 9^a and thence underneath and about the closed end of the respective frame-section, as clearly represented of the end of the device illustrated in Fig. 4.

With the polishing strip thus attached in the folded condition of the frame represented in Fig. 3, to unfold the latter and reduce it to its operative condition, the two endwise-hinged frame-sections are turned on the pintle 8 to extend in opposite directions therefrom, whereby the tongues 13 and 14^a are brought into parallel relation with each other. This may best be done by confining the frame, after distending it, with the strip 16 bearing upon a flat surface, such as a table, and pressing downwardly on the handle until the tongues assume the desired parallel relation; when the ferrule 10 is slipped over the tongues and holds the frame-sections securely in their unfolded position. The strip 16 is thereby also stretched into the condition of tautness necessary to adapt it to properly perform its polishing or shining function, which operation the user may perform with facility, and without uncomfortable stooping, by holding the device at its handle and rubbing the strip 16 over a shoe or boot on his foot.

Should the polishing strip be insufficiently stretched, it may be readily tautened by pulling inwardly on either end, particularly when the device is collapsed or in folded condition; and the strip may be easily and quickly taken off and replaced by another, especially in the folded condition of the frame, by merely pulling its ends out of their described confining means.

As will be seen, upon withdrawing the ferrule from the tongues, to unlock the frame-sections, the device collapses and may be folded into the compact condition of the frame represented in Fig. 3, in which it will retain the strip 16 in place to be distended by unfolding the frame-sections. The strip is omitted from the last-named figure to avoid confusion in the view.

I realize that considerable variation is possible in the details of construction thus specifically shown and described, and I do

not intend by illustrating a single, specific or preferred embodiment of my invention to be limited thereto; my intention being in the following claims to claim protection upon all the novelty there may be in my invention as broadly as the state of the art will permit.

What I claim as new and desire to secure by Letters Patent is:—

1. A polishing device of the character described, comprising a folding frame formed of sections hinged endwise together and provided with means for releasably securing them in their unfolded and distended operative position, and a polishing-strip fastened to extend between the outer frame-ends out of contact with the frame between said ends in the distended, operative condition of the device.

2. A polishing device of the character described, comprising a folding frame formed of sections having a hinge-pintle connecting them endwise together, a handle carried by said pintle, means for releasably securing the sections in their unfolded and distended operative position, and a polishing-strip fastened to extend between the outer frame-ends.

3. A polishing device of the character described, comprising a folding frame formed of sections hinged endwise together, tongues extending from an end of one section, a ferrule adjustably supported on the other section to engage said tongues for releasably securing the sections in their unfolded and distended operative position and release said tongues to permit folding of the sections, and a polishing-strip fastened to extend between the outer frame-ends.

4. A polishing device of the character described, comprising a folding frame formed of curved sections hinged endwise together and provided with means for releasably securing them in their unfolded and distended operative position, and bars extending across the sections near their outer ends and forming with the latter fastening means for the ends of a polishing-strip.

5. A polishing device of the character described, comprising a folding frame formed of sections composed of wire, a pintle to which the ends of one section are fastened and about which the ends of the companion-section are coiled and extended in tongues, a ferrule adjustably supported on said first-named section to releasably engage said tongues, and a polishing-strip fastened to extend between the outer frame-ends.

6. A polishing device of the character described, comprising a folding frame formed of sections composed of wire, a pintle to which the ends of one section are fastened and about which the ends of the companion-section are coiled and extended in tongues, a bent handle-stem having ends coiled about the pintle and extended in tongues, a handle on said stem, a ferrule adjustably supported on said first-named section to releasably engage said tongues, and a polishing-strip fastened to extend between the outer frame-ends.

7. A polishing device of the character described, comprising a folding frame of wire formed of sections expanding and curved toward the outer frame-ends, a pintle connecting said sections at their inner ends, means for releasably securing said sections in their unfolded and distended operative position, and bars extending across the frame-sections near their outer ends and forming with the latter means for releasably fastening at its ends a polishing-strip.

CARL ROSEN.

In presence of—
A. C. FISCHER,
D. C. THORSEN.

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