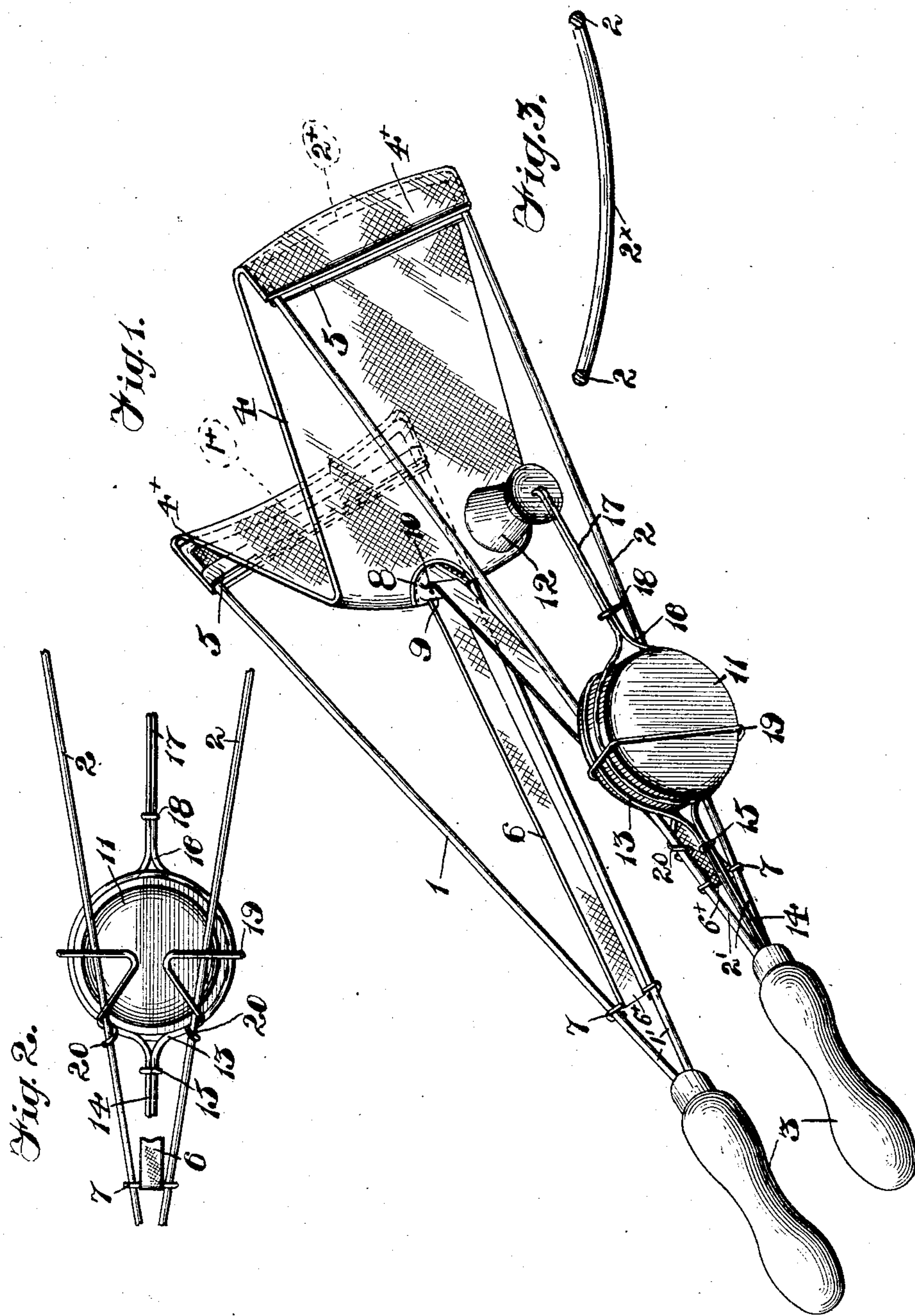


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H. E. GARTRELL.  
SHOE POLISHER.

APPLICATION FILED JULY 23, 1903.



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# UNITED STATES PATENT OFFICE.

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## SHOE-POLISHER.

SPECIFICATION forming part of Letters Patent No. 786,280, dated April 4, 1905.

Application filed July 23, 1903. Serial No. 166,662.

*To all whom it may concern:*

Be it known that I, HARRY E. GARTRELL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Shoe-Polishers, of which the following is a full, clear, and exact specification.

My invention relates to hand-operated devices for polishing shoes; and it has for its primary object to provide an improved and simple device whereby one may polish one's own shoes without taking them off and without stooping to any objectionable extent.

With these ends in view my invention consists in certain features of novelty in the construction, combination, and arrangement of parts by which the said objects and certain other objects hereinafter appearing are attained, all as fully described with reference to the accompanying drawings, and more particularly pointed out in the claims.

In the said drawings, Figure 1 is a perspective view of my improved device. Fig. 2 is a detail view of the same, partly broken away, looking at the inner side of the box-holder. Fig. 3 is a detail view of an outwardly-curved base portion of a handle.

1 2 represent two handles each provided with a handhold 3 and each preferably formed of a single piece of wire or rod bent in the form of a triangle, as clearly shown in Fig. 1, with the apex 1' or 2' of the triangle inserted in and secured to the handhold 3.

4 is a polishing-band composed of a strip of crash, felt, or any other suitable material and having its two extremities 4<sup>x</sup> secured to the base portions 1<sup>x</sup> 2<sup>x</sup> of the triangular handles 1 2, respectively. This attachment between the handles and the polishing-band 4 is preferably accomplished by providing each extremity 4<sup>x</sup> of the polishing-band 4 on the upper or inner side with a loop 5, which is of sufficient size to permit it to be passed over the upper or smaller end of the handle to a position near the base portion thereof; but the loop is sufficiently tight when reaching this point to prevent it from being pulled over the larger end of the handle, the extremities of the polishing-band being secured to the outer

sides of the loops 5, so as to pass around and cover the base portions of the handles 1 2. The base portion 1<sup>x</sup> or 2<sup>x</sup> of each handle is outwardly curved, as shown in Fig. 5, so as to cause the polishing-band to conform to the sides of the shoe being polished.

6 is a strap preferably composed of elastic material and having its extremities 6<sup>x</sup> secured to the handles 1 2, respectively, near their upper or smaller ends in any suitable way, as by clasps 7, while the middle of this strap 6 is attached to the polishing-band 4 at or about the middle of the latter, preferably by means of a reinforcing-piece 8, which is stitched or otherwise secured to the polishing-band 4 and has a loop 9, through which the strap 6 is passed and to which the strap 6 is secured by stitches 10 or other suitable means, so that the strap 6 cannot slide through the loop 9. The purpose of this strap 6 is to hold the polishing-band 4 in a V-shaped formation between the inner parts of the handles, as indicated in Fig. 1, suitable for application to the shoe both at the toe and the heel, and in the use of the device when thus applied to the shoe the handles 1 2 are worked back and forth longitudinally in such a way as to slide the polishing-band 4 back and forth longitudinally either around the back of the heel or downwardly across the toe and instep, the two branches of the strap 6 alternately elongating as the handles are pushed alternately one in advance of the other, the elasticity of the strap 6 also serving to keep the extreme end of the polishing-band 4 straight or taut as the projected handle is drawn backwardly.

As a matter of convenience the box of polish 11 and the dauber-head 12 for applying the polish are mounted upon one of the handles 1 2, so as to always be handy for use. The box-holder comprises a ring 13, which embraces the bottom or body portion of the box, and is formed with a pair of stems 14, secured in one of the handholds 3 and having a slide 15, whereby the ring 13 may be clamped tightly around the box. The lid of the box constitutes at once a means of holding the dauber and a handle for such dauber. Such handle, in addition to the lid of the box, comprises a ring 16, which surrounds the lid and clamps



the same and is formed with a pair of stems 17, on which is arranged a slide 18, capable of clamping the ring around the lid or of releasing the lid when desired. The lid is held securely on the box when the dauber is not in use by a slide 19, which slips over the box and its lid and passes partially under it, as shown in Fig. 2, where its extremities are coiled around the wires of the handle 2, as shown at 10 20, in such a way that the slide 19 may be pulled back and forth to embrace or release the lid of the box, as desired.

Having thus described my invention, what I claim as new therein, and desire to secure by 15 Letters Patent, is—

1. In a device for polishing shoes, the combination of two handles, a polishing-band having its extremities attached to said handles respectively, and means for supporting the part 20 of said band intermediate of its extremities attached thereto.

2. In a device for polishing shoes, the combination of two handles, a polishing-band having its extremities secured thereto respectively, and an elastic supporting-strap secured to said polishing-band at an intermediate point 25 in its length.

3. In a device for polishing shoes, the combination of two handles, a polishing-band having its extremities secured thereto respectively, and a supporting-strap connected with said band at an intermediate point of its length and having its extremities secured to said handles respectively. 30

4. In a device for polishing shoes, the combination of two handles, a polishing-band having its extremities secured to said handles respectively, an elastic supporting-strap having 35

its extremities secured to said handles and its portion intermediate of its extremities fixedly 40 secured to the portion of said band intermediate of the extremities of the latter.

5. In a device for polishing shoes, the combination of two triangular handles, a polishing-band, and loops secured to the extremities 45 of said band and passed over said handles, the base portions of the handles being wider than said loops to prevent the loops from being pulled off the handles.

6. In a device for polishing shoes, the combination of two triangular handles, a polishing-band, loops secured to the extremities of said band and passed over said handles, said band passing around the ends of said handles, 55 and means connecting the portion of said band intermediate of its extremities with said handles.

7. In a device for polishing shoes, the combination of two handles, each having its base portion curved outwardly so as to conform to 60 the side of the shoe and a polishing-band secured to said handles and passed around the base portions to produce a cup formation of the band from end to end of the latter.

8. In a device for polishing shoes, the combination of two skeleton handles each having an outwardly-curved base portion so as to conform to the side of the shoe and a polishing-band secured to said handles and passed around the base portions to produce a cup formation 70 to the band from end to end of the latter.

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