L. J. NELSON.

SHOE BUFFER.

APPLICATION FILED MAR. 2, 1920.

1,398,389.

Patented Nov. 29, 1921.

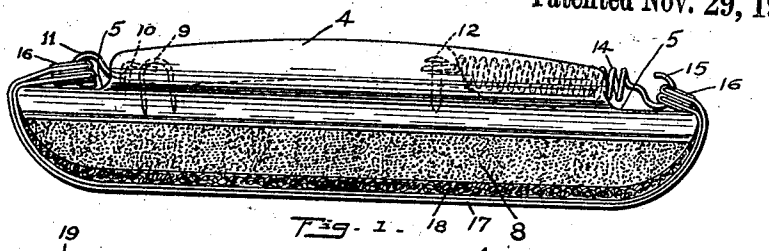


Fig. 1.

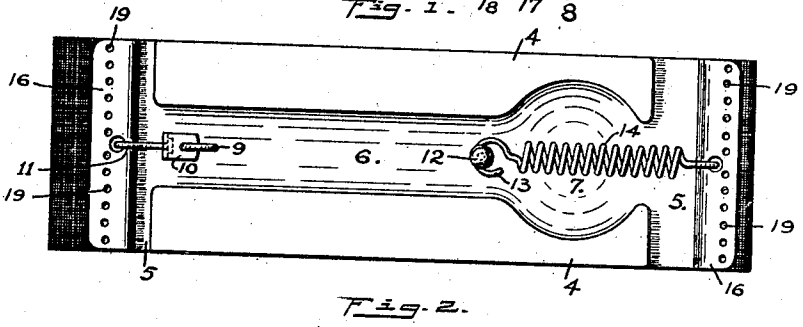


Fig. 2.

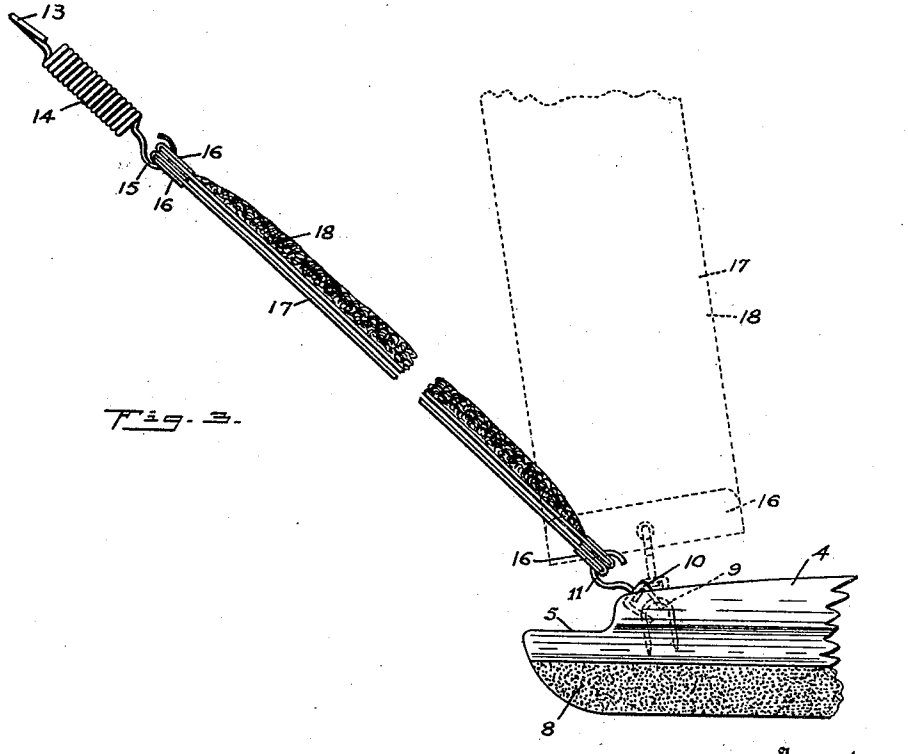


Fig. 3.

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SHOE-BUFFER.

1,398,389. Specification of Letters Patent. Patented Nov. 29, 1921.

Application filed March 2, 1920. Serial No. 362,733.

To all whom it may concern:

Be it known that I, LEON J. NELSON, a citizen of the United States, and a resident of Los Angeles, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Shoe-Buffers, of which the following is a specification.

My invention relates to polishing and buffing devices, and it is the object thereof to provide a shoe-polishing brush or buffer having upon a single handle or holder a pad with facings of different character which may be used alternatively, and thus furnish in the one device, polishing or buffing surfaces suitable for use not only for the initial or rough polishing of shoes, but also for the final rubbing or buffing necessary to produce the desired lustrous or glossy surface. A further object of my invention is to provide a polishing brush or buffer having reversible and renewable work-engaging parts. A further object of my invention is to provide in a buffer of this class means for holding under constant tension a strip of material which forms the working face of the device.

In the accompanying drawings Figure 1 is a side view of a buffer embodying my invention, Fig. 2 is a plan view of the same, and Fig. 3 is a partial side view showing the facing members loosened and extended for reversing or for detaching and renewing the same.

In the illustrated structure I provide a back or handle formed integrally of wood or the like, and comprising an oblong approximately rectangular body-portion 4, the bottom face thereof being flat, the ends being beveled adjoining said bottom face, the sides of the body being slightly grooved or hollowed longitudinally, the upper side of the body being slightly convex and having at the ends thereof shoulders or offset faces 5 parallel with the bottom face, and there being in the upper side of the body a central longitudinal groove 6 which at one end is widened into a rounded recess 7, substantially as indicated. To the flat bottom face of the handle-body 4 there is permanently attached a thick sheet or pad 8 of felt or like material, the end portions of the pad being rounded off at the lower side, so as to merge into the beveled end-faces of the body 4. Near one end of the groove 6 in the upper face of the handle a staple 9 is driven therein, and to the loop formed by the protruding portion of the staple there is pivotally connected the ends of a U-shaped swivel-plate 10. A hook 11 has the shank thereof held rotatably in the central portion of the plate 10, thereby forming a swivel connection therewith. Near the opposite end of the groove 6 a pin 12 is secured in the body, as indicated, said pin having a rounded head and being adapted for detachable engagement with a loop 13 formed at one end of a helical coil spring 14. The opposite end of said spring is formed into a hook 15. The facing-strips or work-engaging members of the buffer are detachably connected with the hooks 11 and 15 by means of U-shaped metal clips 16, the ends of the facing-strips 17 and 18 being clamped between the sides of said clips and further retained therein by series of indentations 19, made therein as indicated. Each of the clips has a central opening through which the hooks may be inserted to attach the same thereto.

The facing-strips may be of any desired material, but it is preferable that one of the same, 18, should be formed of soft-tanned sheep or lambskin with the natural wool attached, as this is a very satisfactory material for use in the initial rubbing down and smoothing of shoe-polishing materials, after the same have been applied to the surface with a dauber. The other facing-strip, 17, is preferably of soft fabric, which is desirable for use in the final polishing, and is usually necessary to secure the desired gloss or luster of the polished surface, as the wool face, after becoming slightly soiled with the polish, will produce only a relatively dull finish. Both the wool and fabric strips may be held at the ends and attached to the hooks 11 and 15 by a single pair of the clips 16, but it is preferable to attach the same to separate pairs of the clips, so that the strips are independently renewable. The latter arrangement also enables both sides of the fabric strip to be used by reversing the sides thereof relative to the hooks and the wool strip, and the strip thus used a longer time without renewal.

The facing-strips 17 and 18 are of such length that the same may extend around both ends of the handle-body 4, covering the pad 8, and the ends of the strip resting on

the offset faces or shoulders 5, as shown. The parts are so proportioned that the spring 14 must be elongated to engage the loop 13 with the pin 14, and the spring thereby holds the facing-strips under tension, and compensates for slight variations in the length of the strips. To reverse the facing-strips it is merely necessary to detach the loop 13 from the pin 12, swing the facing-strips around to a position such as shown by dotted lines in Fig.3, then rotate the swiveled hook 11 so that the desired face of the strips will be presented, then replace the strips around beneath the pad 8, and reattach the spring-loop 13 to the pin 12. The recess 7 in the back of the handle enables the spring to be readily grasped with the fingers, for attaching the loop to the pin and for detaching the same therefrom, while the entire body of the spring lies below the upper surface of the handle, as indicated in Fig. 1.

Now, having described my invention what I claim and desire to secure by Letters Patent is:

1. A shoe buffer comprising a handle-body, a hook swiveled to said body near one end thereof, a hook yieldingly connectible with said body near the other end thereof, clamp-members detachably engageable with said hooks, and facing-strips having the ends thereof held by said clamp-members and extending from end to end of the body across one face thereof.

2. A shoe buffer comprising a handle-body, a swiveled member connected with said body near one end thereof, a plurality of facing-strips connected at one end with said swivel member, said strips adapted to extend from end to end of the body across one face thereof, and means for yieldingly and detachably connecting the other ends of said strips to the body near the end opposite the swiveled member.

LEON J. NELSON.