D. F. BELL.

BOOT-CLEANER.

No. 192,967. Patented July 10, 1877.

Fig. 1.

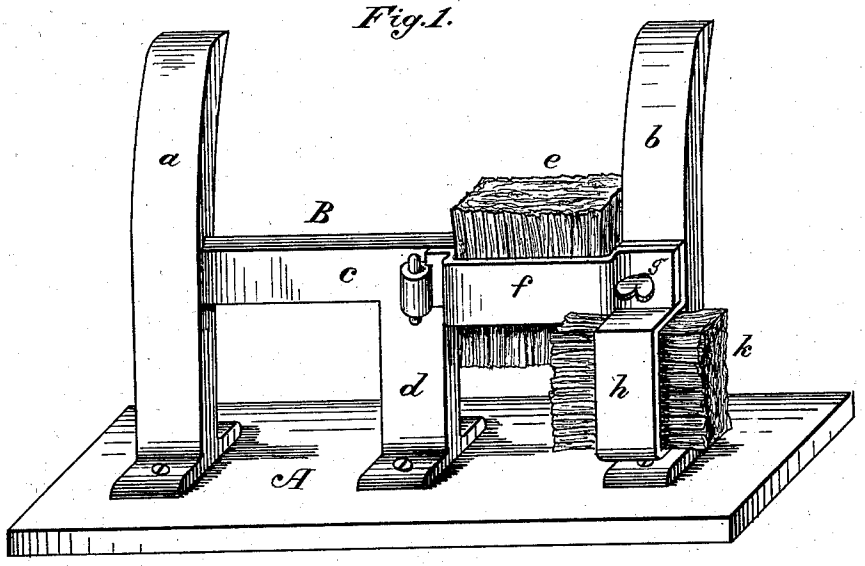


Fig. 2

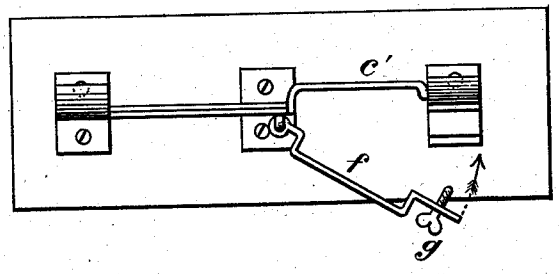
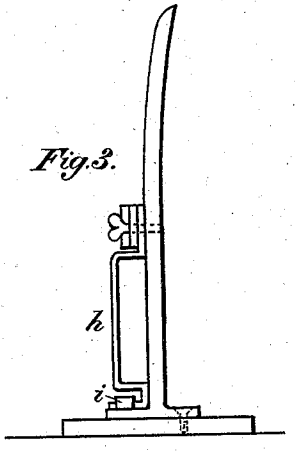


Fig. 3.



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UNITED STATES PATENT OFFICE.

DANIEL F. BELL, OF MIAMI, MISSOURI.

IMPROVEMENT IN BOOT-CLEANERS.

Specification forming part of Letters Patent No. **192,967**, dated July 10, 1877; application filed May 19, 1877.

To all whom it may concern:

Be it known that I, DANIEL F. BELL, of Miami, in the county of Saline and State of Missouri, have invented certain new and useful Improvements in Boot Scraper and Cleaner; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of this invention is to furnish a means for cleaning boots and shoes; and the invention consists in the construction and arrangement of the different parts of the device, as will be hereinafter fully set forth, and then specifically pointed out in the claim.

Figure 1 is a perspective view of the device complete. Fig. 2 is a plan, the brushes being removed in order to show clearly the construction of the top holders. Fig. 3 is an end view, exhibiting the means used for securing the end brush in place.

A represents the step or platform to which the device is secured, and B the metallic frame to which the brushes are secured. This frame consists of two upright standards, *a* and *b*, connected by a horizontal bar, *c*, and having a central support, *d*. Both the uprights and central support are provided with transverse extensions at their lower ends, forming feet, through which the screws pass that secure the device in place. A portion of the horizontal bar *c* is beveled on the sides, so as to give it a comparatively sharp edge, which is used in the same manner as the ordinary scraper, for the purpose of removing mud from the boots. The remaining portion *c'* is curved at the ends, and intended to form a support for one side of the brush *e*. Hinged at one end to the bar *c* is a curved metal strap, *f*, the free end of this strap being provided with a thumb-screw, *g*, by which it is secured to the standard *b*. Another curved metal strap, *h*, which holds the brush *k* in position, is formed with a projecting toe-piece, that passes under the loop *i* at the bottom of the standard *b*, the upper end of this strap being pierced with a hole, through which the thumb-screw *g* passes.

It will be seen that this thumb-screw passes through both the brush-holding straps and screws into the standard *b*, thus allowing both the brushes to be removed or replaced by operating a single screw.

The brushes may be composed of any suitable material, such as corn-shucks, bristles, or even rags, and it will be observed that the device furnishes a means for cleaning the boot upon all sides, the scraper removing the greater portion of the mud from the sole, and being followed by the brush *e*, which cleans both top and bottom, while the brush *k* cleans both edges of the sole.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent of the United States, the following:

The horizontal bar *c*, beveled upon opposite sides to form a scraper, and curved to form the bearing for a brush, *e*, in combination with the strap *f* and strap *h*, that secures the brush *k*, the loop *i*, thumb-screw *g*, and standards *a b d*, all the parts being constructed and arranged in the manner and for the purpose shown and described.

In testimony that I claim the foregoing as my own I hereunto affix my signature in presence of two witnesses.

DANIEL F. BELL.

Witnesses:

L. W. HAYNIE,

W. H. SHAUGHNESSY.