

(No Model.)

J. B. PRICKETT.
BOOT CLEANER.

No. 468,364.

Patented Feb. 9, 1892.

Fig. 1.

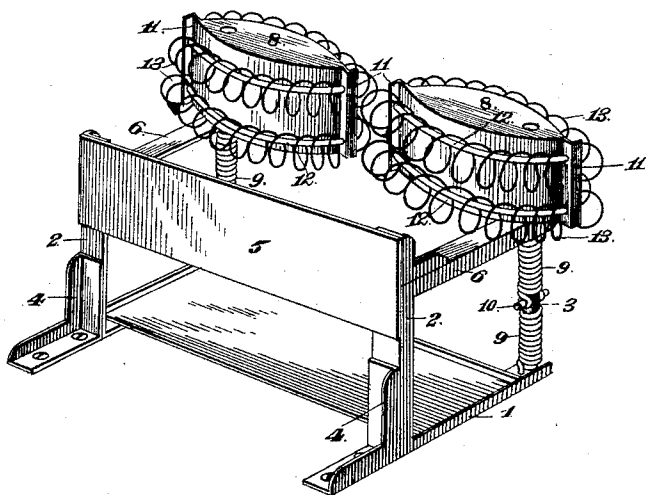


Fig. 2.

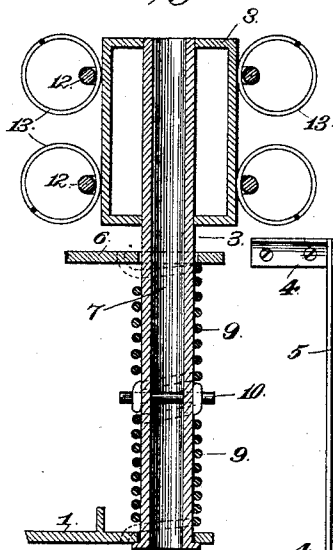
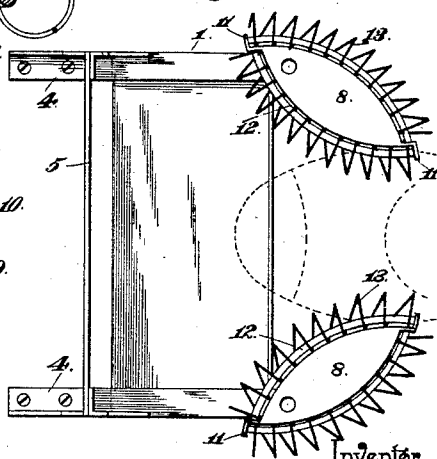


Fig. 3.



Witnesses:

M. E. Fowler

W. S. Duval

By his Attorneys,

C. A. Snow & Co.

Inventor
John B. Prickett.

UNITED STATES PATENT OFFICE.

JOHN B. PRICKETT, OF FOREST GROVE, OREGON.

BOOT-CLEANER.

SPECIFICATION forming part of Letters Patent No. 468,364, dated February 9, 1892.

Application filed June 17, 1891. Serial No. 396,591. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. PRICKETT, a citizen of the United States, residing at Forest Grove, in the county of Washington and State of Oregon, have invented a new and useful Boot-Cleaner, of which the following is a specification.

This invention relates to improvements in boot and shoe cleaners or mud-scrapers; and the objects in view are to provide a boot and shoe scraper attachment adapted to scrape the mud from the sides and tops of boots and shoes simultaneous with the scraping of the mud from the soles thereof.

A further object is to adapt the device to conform to the shape of all shoes and also to adapt it to the various sizes.

Other objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out the claims.

Referring to the drawings, Figure 1 is a perspective of a combined boot and shoe scraper constructed in accordance with my invention. Fig. 2 is a detail of one of the pivoted scrapers. Fig. 3 is a plan of the device, a foot dotted therein.

Like numerals of reference indicate like parts in all the figures of the drawings.

In practicing my invention I employ a base 1, from which rises the opposite pairs of standards 2 and 3, the former being located at the front longitudinal side of the base and the latter at the rear longitudinal side of the base. Secured to the front pair of standards 2 are angular brackets or securing-plates 4, by which the device may be attached to a door-step or other convenient object. The front pair of standards is connected by a transverse sole-scraper bar 5 and the two sets of standards by a pair of cross-bars 6.

In the base 1 and bars 6 is journaled loosely a tubular shaft 7, which extends above the cross-bar 6 and is rotatable and is provided with an elliptical head 8. Coiled springs 9 are secured to a pin 10, passed through each standard, the ends of the springs being fastened to the cross-bars 6 and to the base, so that when swung laterally the elliptical heads will be returned to alignment. The heads 8 terminate at their opposite longitudinal ends in flanges 11, the two flanges of each head be-

ing connected at the front and rear sides of the head by means of pairs of rods 12. Coiled about each rod 12 is a spring 13, adapted to serve as a mud-scraper, the upper springs serving to scrape the top of the shoe or boot and the lower springs to scrape the sides.

In operation the muddy boot is passed over the scraper-bar and the sole cleaned and freed from mud, after which by forcing the foot further it passes between the two swinging heads, said heads yielding to the pressure of the foot and in the act of yielding scraping by means of the coiled springs the mud from the top and sides of the boot or shoe, such scraping operation being further continued when in the act of withdrawing the boot or shoe.

In practice the boot or shoe may be inserted between the scraping-heads from either side, as may be most convenient, and the resiliency of the springs and their acts of returning to position after use serve to free them from the mud scraped from the shoe or boot.

From the above description it will be obvious that I provide a cheap and simple construction of boot and shoe scraper adapted not only to remove the mud from the sole of the shoe, but also from the sides and top thereof.

Having described my invention, what I claim is—

1. In a boot and shoe scraper, the combination, with a suitable support, of a pair of heads mounted pivotally upon the support and yieldingly maintained in position, and coiled spring-wires mounted upon the heads, substantially as specified.

2. In a boot and shoe scraper, the combination, with a suitable support, of pivoted heads mounted thereon and provided at opposite sides with pairs of shafts, coiled springs loosely mounted on the same, and springs for yieldingly supporting the heads in position, substantially as specified.

3. In a boot and shoe scraper, the combination, with the oblong base, the front and rear pairs of standards, the scraper-blade connecting the front pair of standards, and the tubular shafts mounted on the rear pair, of opposite elliptical heads mounted on the tubular shafts and provided at their longitudinal ends with flanges, rods connecting the flanges at the op-

posite side of the head, coiled springs loosely mounted on the shafts, and coiled springs encircling and fastened to the tubular shafts, coiled about the same, and at their ends fastened to the frame-work, substantially as specified.

4. In a boot and shoe scraper, the combination, with a suitable support, of a pair of elliptical-shaped heads mounted revolubly upon the support and yieldingly maintained in po-

sition and provided with curved rods, and coiled spring-wires mounted upon the rods, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOHN B. PRICKETT.

Witnesses:

GEORGE W. BACON,
ISAAC UNDERWOOD.