UNITED STATES PATENT OFFICE.

CARL F. NELSON, OF EXIRA, IOWA.

BOOT OR SHOE CLEANER.

Application filed March 4, 1899. Serial No. 707,315. (No model.)

To all whom it may concern:

Be it known that I, CARL F. NELSON, a citizen of the United States of America, residing at Exira, in the county of Audubon and State of Iowa, have invented a new and useful Boot or Shoe Cleaner, of which the following is a specification.

My object is to provide a simple, neat, and durable device adapted to be fixed to a door-step by means of nails and screws to be advantageously used for cleaning the bottoms, heels, toes, and sides of boots and shoes when on the feet of persons.

My invention consists in the device hereinafter set forth, pointed out in my claim, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the device ready to be fixed to a door-step or other suitable support. Fig. 2 is a sectional view on the line $x$ $x$ of Fig. 1. Fig. 3 is a sectional view on the line $y$ $y$ of Fig. 1, and Fig. 4 a sectional view on the line $z$ $z$. Fig. 5 is a perspective view showing the device in miniature and fixed to a door-step as required for practical use.

The letter A designates an oblong flat sheet-metal plate, and A$^2$ a mating plate of corresponding width and length bent into L shape, as shown clearly in Fig. 3.

B is a metal scraper that has rounded projections c at its top corners and is fixed between the top and central portions of the plates A and A$^2$ by means of rivets, as shown in Fig. 1. Strips of metal $d$ or other suitable material for filling are placed between the plates and the scraper, as shown in Fig. 3.

F is a piece of rubber or other suitable flexible material. It has projections f at its upper corners and is fixed between the end portions of the mating plates A and A$^2$, and H is a piece of flexible material fixed between their other ends.

J is a piece of flexible material that has straight parallel sides and a concave in its front portion. It is overlaid and reinforced by a metal plate K and bent at right angles and fixed between the mating plates A and A$^2$ in such a manner that the concave end portion will project horizontally, as shown in Figs. 1, 4, and 5, to facilitate cleaning the heels of boots and shoes.

The complete device is readily fixed to a step or other angular object by means of screws, as shown in Fig. 5.

In the practical use of my invention when in a fixed position, as shown in Fig. 5, a person can readily clean the bottoms of boots or shoes on the feet by scraping them on the metal scraper B and the flexible scraper or wiper F. The heels may be cleaned in the concave of the heel-scraper J and the sides by means of the flexible extensions at the ends of the mating plates.

Having thus described the construction of my invention and illustrated its application, its operation and utility will be obvious.

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

A boot and shoe cleaner adapted to be fixed to a door-step, comprising two mating plates and one of them bent at right angles to overlay the top of a step, a flat metal plate fixed between the central portions of the mating plates to project above their top edges, a flexible plate provided with a concave in one end portion and bent at right angles and overlaid with plate metal and fixed to the mating plates and a flexible plate in each end portion of the device fixed between the mating plates and projecting outward, all arranged and combined as and for the purposes stated.

CARL F. NELSON.

Witnesses:

CHAS. W. HOUSTON,
FRANK GAUTT.