

(No Model.)

C. A. SPARROW.
SHOE SCRAPER.

No. 419,801.

Patented Jan. 21, 1890.

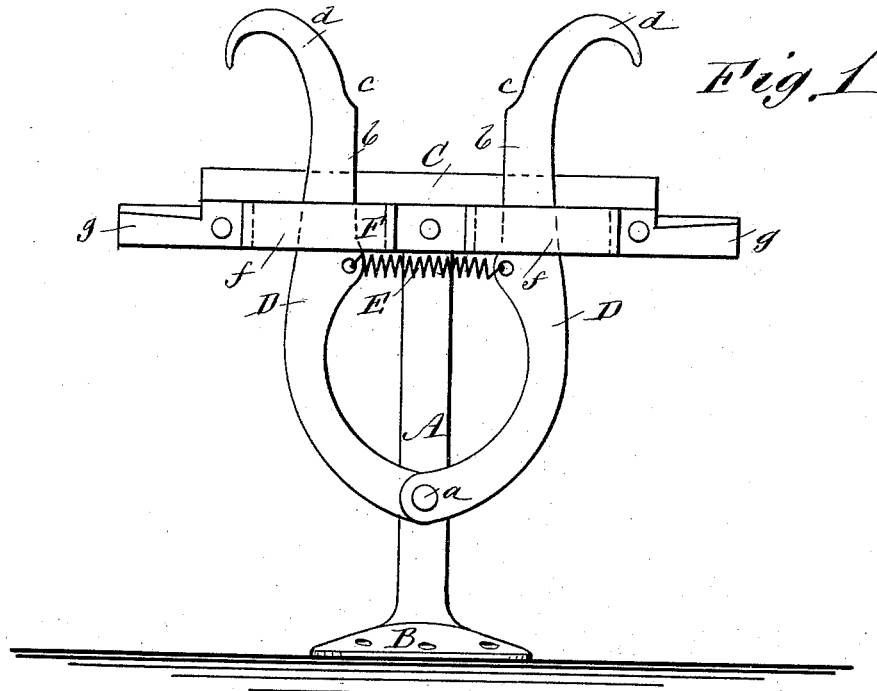


Fig. 1

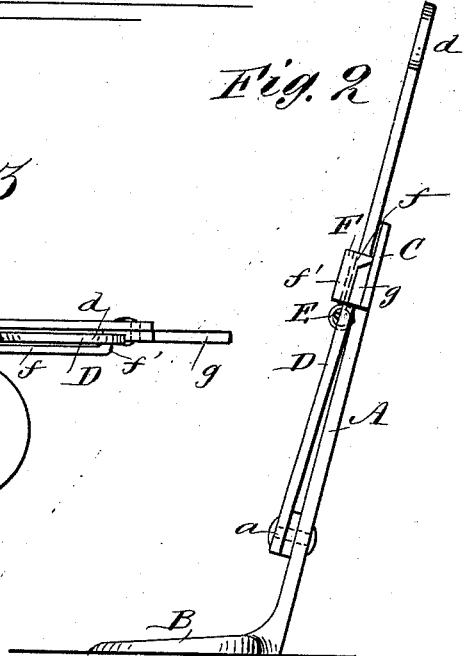


Fig. 2

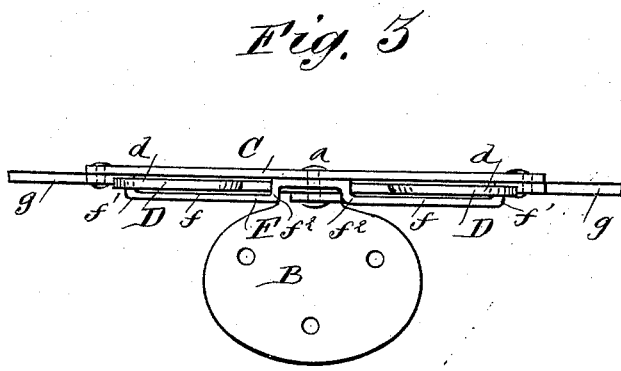


Fig. 3

WITNESSES:
C. Nevada
E. M. Clark

INVENTOR:
C. A. Sparrow
BY *Munn & Co*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

CORNELIUS A. SPARROW, OF MECHANICSBURG, ILLINOIS.

SHOE-SCRAPER.

SPECIFICATION forming part of Letters Patent No. 419,801, dated January 21, 1890.

Application filed July 28, 1888. Serial No. 281,267. (No model.)

To all whom it may concern:

Be it known that I, CORNELIUS A. SPARROW, of Mechanicsburg, in the county of Sangamon and State of Illinois, have invented a new and Improved Boot and Shoe Scraper, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my new and improved boot-cleaner. Fig. 2 is an edge view of the same, and Fig. 3 is a plan view.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

A represents the standard formed with the foot-piece B, by which the standard may be firmly secured in any desired position. To the upper end of standard A is centrally secured a horizontal bar or plate F, the extremities of which are made to form scrapers *g*. Said plate is bent at *f'*, each side of the standard A, to form loops *f*. A horizontal foot-scraper C is suitably secured to the plate F and to the standard A, as shown. When the plate F, standard A, and scraper C are thus united and fastened, recesses or loops *f* will be formed between the plate F and scraper C, which loops or recesses serve to hold and guide the blades of the two movable side scrapers D, which have their lower ends pivoted at *a* upon the standard A below the horizontal scraper C, as shown. E is a spring arranged between the side scrapers, which spring acts to draw the scrapers D inwardly toward each other. The extent of the outward or opening movement of the scrapers D is governed by the length of the loops *f*. The upper extremities of the scraper D are bent outwardly, and below this outward bend each scraper has a scraping-offset *e* and a vertical scraping-edge *b*, as shown.

The operation of my invention is as follows: The several parts being constructed and arranged together as described, the sides, edges, or other parts of the boot or shoe to be cleaned

are first scraped or brought in contact with the small end scrapers *g*. The bottom of the boot or shoe is then placed between the outwardly-bent ends *d* and offsets *e* of the side scrapers D, and the edges or sides of the boot or shoe are then moved back and forth and cleaned by contact with the offset scrapers *e*, and then by a downward pressure of the boot or shoe the scrapers D are caused to open and admit the sole of the boot or shoe until it rests upon the horizontal scraper C, across which the boot or shoe is then moved back and forth until cleaned. At the same time the side scrapers D will be drawn by the yielding pressure of the spring against the sides of the boot or shoe, which will thus at the same time be cleansed.

My invention forms a highly useful, durable, and effective scraper capable of construction at a small cost.

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

1. In a boot and shoe scraper, the combination, with the standard A, of the fixed scraper C, plate F, bent at *f' f'* to form loops, in conjunction with scraper C, side scrapers D, arranged to work within said loops and pivoted upon the standard A, and a spring E, extending from one of said side scrapers to the other and acting to close the same, all as shown and described.

2. In a boot and shoe scraper, the standard A, the movable side jaws constructed with vertical scraping-blades and outwardly-bent extremities, in combination with the looped plate F and fixed scraper C and spring E, as and for the purposes herein shown and described.

3. In a boot and shoe scraper, the horizontal plate F, constructed with end scrapers and bent to form loops *f f*, in combination with scraper C, side scrapers D, spring E, and standard A, substantially as shown and described.

CORNELIUS A. SPARROW.

Witnesses:

EDWARD W. BENNETT,
HENRY S. JENKS.