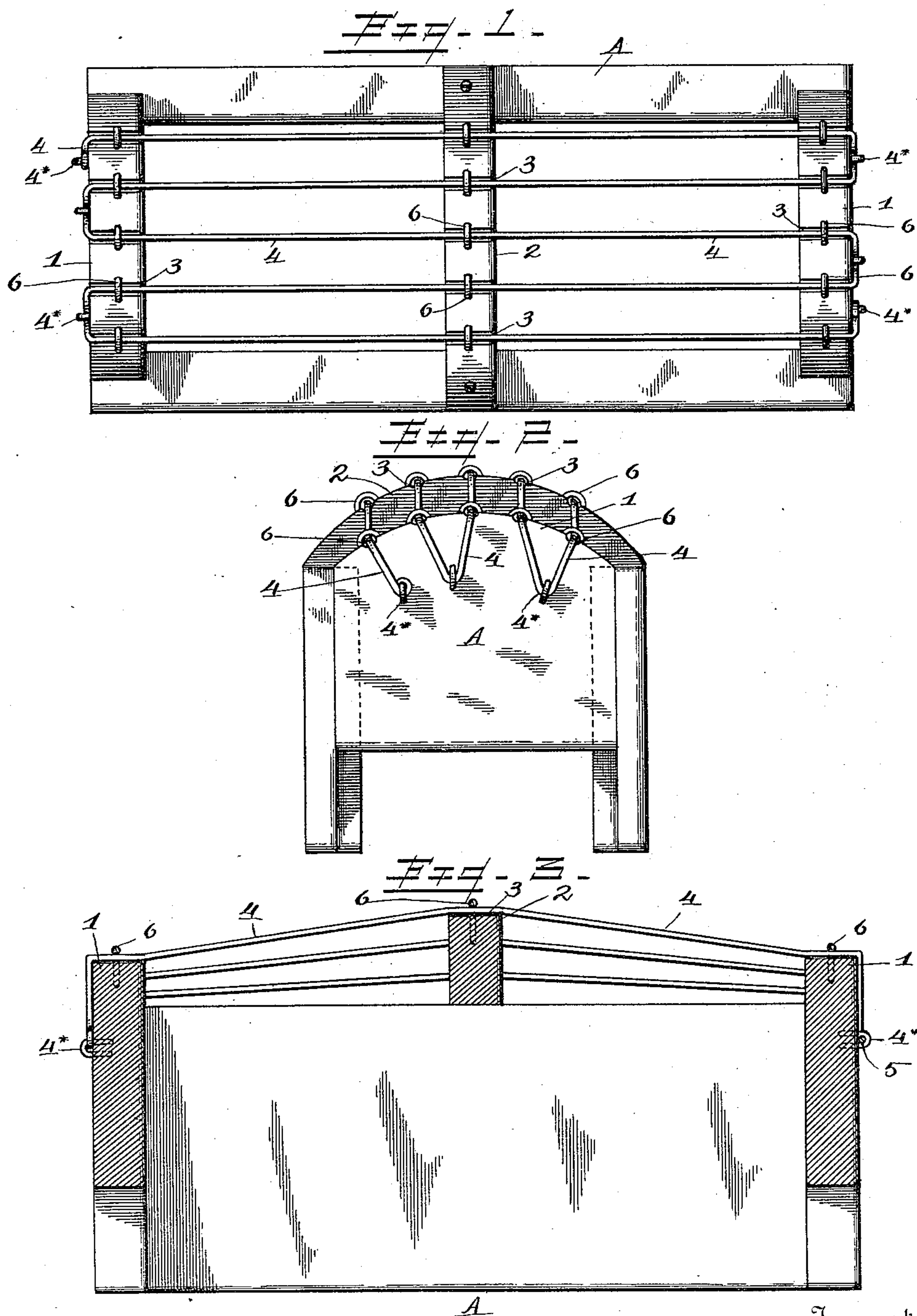


(No Model.)

C. JOHNSON.  
BOOT OR SHOE CLEANER.

No. 447,116.

Patented Feb. 24, 1891.



Inventor

Witnesses

Albert B. Blackwood  
Harry C. Johnson

Claus Johnson  
by A. G. Rydman  
Attorney

# UNITED STATES PATENT OFFICE.

CLAUS JOHNSON, OF AURELIA, IOWA.

## BOOT OR SHOE CLEANER.

SPECIFICATION forming part of Letters Patent No. 447,116, dated February 24, 1891.

Application filed December 3, 1890. Serial No. 373,502. (No model.)

*To all whom it may concern:*

Be it known that I, CLAUS JOHNSON, a citizen of the United States of America, residing at Aurelia, in the county of Cherokee and State of Iowa, have invented new and useful Improvements in Boot or Shoe Cleaners, of which the following is a specification.

My invention has relation to improvements in means for cleansing the boot or shoe of adhering débris, of that class usually placed adjacent to a door or vestibule, and is intended as a substitute and improvement upon the common forms of those devices.

I have fully and clearly illustrated my invention in the accompanying drawings, wherein—

Figure 1 is a plan view of the device. Fig. 2 is an end view of the same. Fig. 3 is a longitudinal vertical sectional view of the device.

A designates a box or receptacle of such dimensions and material as may be suitable to the purpose. The end pieces of this device terminate short of the bottom edges of the side pieces, as shown in the drawings of Fig. 2, for the purpose of fitting over a holding-strip attached to the base or floor, upon which the scraper is secured. The side pieces have straight upper edges, as shown in the drawings, and the end pieces have arched tops, as shown at 1. Transversely secured to the side pieces across the middle is an arched piece 2, which may be of somewhat greater elevation than the end pieces, so as to give the center of the device an arched position longitudinally and present a more prominent surface for the purpose of scraping. The arched ends of the end pieces and the arched edges of the center pieces are provided with grooves 3, constituting seats for holding the wires or bars of the scraper. In the end pieces are secured staples or eyes 4, as shown in the drawings, and to one of these the end of a wire strand 4 is secured and then carried across in the appropriate grooves and passed

through the eye or staple of the other end, as at 5. From thence it is carried in succession back and forth over the top of the arches through the staples until the requisite number of strands are laid to constitute the scraping means, the free ends being secured to one of the staples. To prevent the wires or strands from being displaced, staples 6 may be fixed in the end arches and center arch across the strands, substantially as shown.

The article thus constructed, it will be observed, constitutes not only a scraper for the purpose of cleansing the boot or shoe, but also for receiving the dirt removed in the act of scraping or cleansing.

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

1. The boot or shoe cleaner composed of a rectangular box having ends thereto arched and provided with grooves, an arched center piece secured across the middle top portion of the side pieces, and a continuous wire or strand laid back and forth in the grooves of the frame and secured to the ends thereto, substantially as and for the purpose specified.

2. The boot or shoe cleaner herein described, having a rectangular frame having ends formed with arched upper edges, an arched center piece secured across between the side pieces and said ends, and center pieces being formed with grooves, the scraping-surface consisting of wires laid back and forth in the grooves and staples secured on the wires at the places where they cross the arches of the ends and middle pieces, substantially as and for the purpose specified.

In witness whereof I have hereunto set my hand in the presence of two attesting witnesses.

CLAUS JOHNSON.

Attest:

GEO. M. MILLER,  
A. W. DICE.