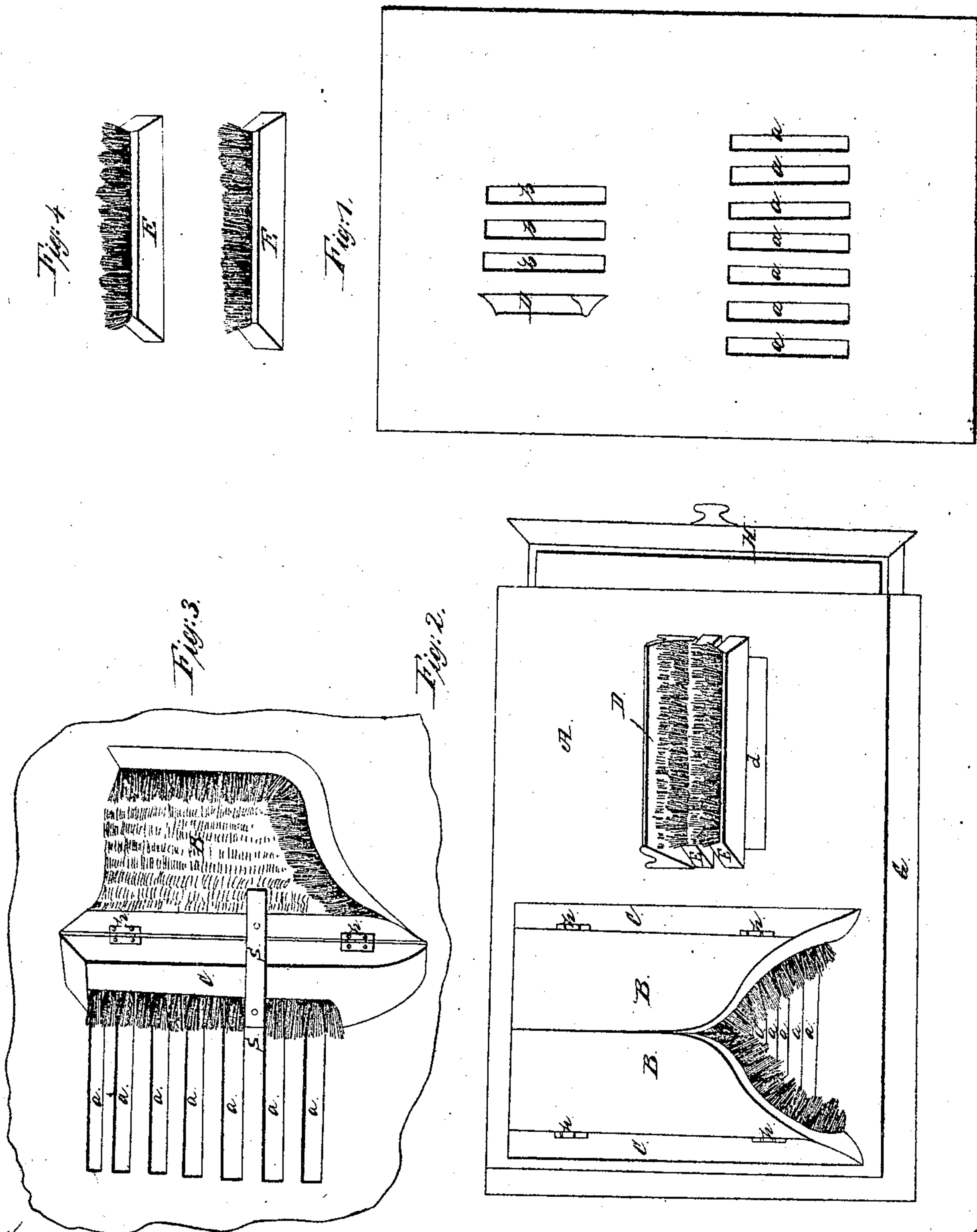


J. CHESLEY.
BOOT OR SHOE CLEANING APARATUS.

No. 28,736.

Patented June 19, 1860.



Witnesses:

L. H. Butler
R. H. Butler

Inventor:

James Chesley

UNITED STATES PATENT OFFICE.

JAMES CHESLEY, OF CONCORD, NEW HAMPSHIRE.

BOOT AND SHOE CLEANING APPARATUS.

Specification of Letters Patent No. 28,736, dated June 19, 1860.

To all whom it may concern:

Be it known that I, JAMES CHESLEY, of the city of Concord, in the county of Merrimack and State of New Hampshire, have
5 invented a new, Improved, and useful Machine for Cleaning and Dusting Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of
10 the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 represents a front view of my machine without the brushes attached. Fig.
15 2 represents a perspective view of my machine. Fig. 3 a section of the oval brush; Fig. 4, the upright brushes.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I first construct a cast iron or wooden frame or plate, marked A, on Fig. No. 1 fourteen inches long and eight inches wide, or any other suitable size; on this iron or
25 wooden plate I cast or fasten an iron scraper about four inches long, marked D, on Fig. No. 1. In the rear of this scraper, I leave (in the plate A) three or more open parallel spaces marked *b, b, b*, in Fig. No. 1. I
30 fasten firmly on the plate A, and between these open spaces two upright brushes, marked E, E, on Fig. 4 which are parallel to and of the same height, as the scraper D. On the other end of the plate A in Fig. 2, I
35 leave several open parallel spaces marked *a, a, a, &c.* At right angles to these openings and opposite to each other, I fix firmly on the plate A, two upright brushes marked C, C, fastened to these upright brushes and mov-

able on the hinges *h, h, h, h*, are two quarter
40 round brushes marked B, B. For the purpose of keeping these quarter round brushes closed at the top to form an oval shaped brush, I connect the upright and quarter
45 round brushes by an india-rubber or other suitable spring marked S, Fig. No. 3. Under and firmly fastened to the plate A, Fig. No. 2, I construct a wooden frame marked G, which contains a draw marked
50 H, removable at pleasure.

The operation of my machine is as follows, to wit: By drawing the foot across the scraper and brushes marked D, E, E, Fig. 2, the bottom of the boot or shoe is thoroughly cleaned and at the same time the
55 dirt and dust is allowed to fall freely through the open spaces *b, b, b*, into the draw below. By pushing the foot into the oval formed brush marked B, B, C, C, formed of the two upright and quarter
60 round brushes, the top of the boot or shoe is thoroughly and effectually cleaned and at the same time the dirt is allowed to pass freely, through the open spaces *a, a, a, &c.*
65 into the draw below.

By means of the brushes arranged as above and the draw below a neat and convenient machine is formed for cleaning and dusting boots and shoes.

What I claim is—

The arrangement of the frame A, the brushes B, and C, and E, the scraper D, the spaces *a*, and the draw H, substantially as and for the purpose specified.

JAMES CHESLEY.

Witnesses:

BENJ. E. BADGER,
STEPHEN C. BADGER.