

J. M. & G. N. SCHATZEL.
LAMP-CHIMNEY CLEANERS.

No. 185,138.

Patented Dec. 5, 1876.

Fig. 1.

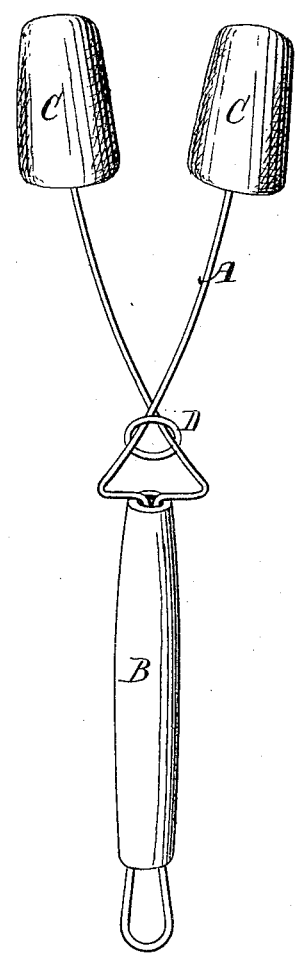
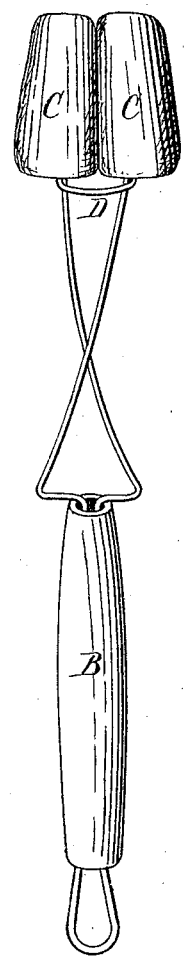


Fig. 2.



Attest:
Edward Barthel.
Charles J. Hunt

Inventor:
J. M. Schatzel
G. N. Schatzel
By Atty
W. S. Sprague

UNITED STATES PATENT OFFICE.

JACOB M. SCHATZEL AND GEORGE N. SCHATZEL, OF WHITE HOUSE, OHIO.

IMPROVEMENT IN LAMP-CHIMNEY CLEANERS.

Specification forming part of Letters Patent No. 185,138, dated December 5, 1876; application filed June 6, 1876.

To all whom it may concern:

Be it known that we, JACOB MAYER SCHATZEL and GEORGE NICHOLAS SCHATZEL, of White House, in the county of Lucas and State of Ohio, have invented an Improvement in Lamp-Chimney Cleaners, of which the following is a specification:

The nature of our invention relates to an improvement in chimney-cleaners of that class wherein a pair of crossed arms or levers have a pad of any soft fabric secured upon the end of each arm, our object being to so construct the device that it will be available for cleaning the outside as well as the inside of the chimney; and to this end it consists in the peculiar construction of the curved arms from a single piece of spring-wire, and the combination therewith of a compressing-ring, as more fully hereinafter set forth.

Figure 1 shows the manner of using the cleaner upon the exterior of a lamp-chimney. Fig. 2 shows the manner of using it on the inside of the chimney.

In the drawing, A represents a piece of spring-wire bent flat upon itself at the middle of its length, except just at the bend, which is opened a little. A tubular handle, B, is then slipped over the ends as far as the opening of the bent middle portion will allow. The wire at the outer or

long projecting ends is then bent outward at a right angle from the handle, which keeps the latter in place, and then the ends are bent to cross each other, each being inserted in a pad, C, of tufted cotton or other soft fabric. An open ring, D, is slipped on the wires where they cross, and its open ends are then closed together.

By sliding this ring toward the pads the latter will be brought together to facilitate their introduction into a lamp-chimney, after which the ring is retracted to allow them to expand against the walls thereof.

In cleaning the outside of the chimney it is taken between the pads, and the ring is slipped up the wires to compress said pads upon the chimney, thus serving as a clamp.

What we claim as our invention is—

The crossed and bent wire A, having each end inserted in a pad, C, and its bight in a tubular handle, B, and the combination therewith of the ring D, substantially as and for the purpose set forth.

JACOB MAYER SCHATZEL.
GEO. NICHOLAS SCHATZEL.

Witnesses:

J. P. SHIELDS,
E. GILLETT.