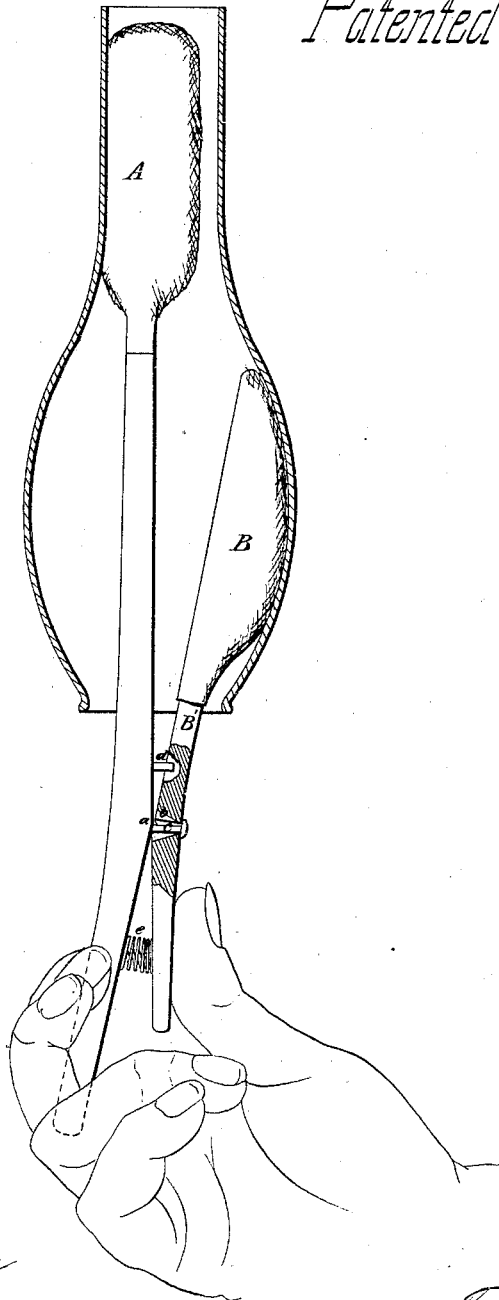


F. Imhorst.

Lamp-Chimney Cleaner,

N^o 45,500,

Patented Dec. 20, 1864.



Witnesses.

*Wm. F. McNamee
J. P. Hall.*

Inventor.

Ferdinand Imhorst.

UNITED STATES PATENT OFFICE.

FERDINAND IMHORST, OF NEW YORK, N. Y.

IMPROVED LAMP-CHIMNEY CLEANER.

Specification forming part of Letters Patent No. 45,500, dated December 20, 1864.

To all whom it may concern:

Be it known that I, FERDINAND IMHORST, of the city, county, and State of New York, have invented a new and Improved Lamp-Chimney Cleaner; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, said drawing representing a sectional side elevation of my invention, showing its application to a lamp-chimney.

This invention consists in the application of two pads attached to the ends of two levers, which are of unequal length and connected together in the manner of shears, in such a manner that when those ends of said levers which carry the pads are closed they can readily be introduced into a lamp-chimney, and by pressing on the rear-ends of the levers the pads are pressed against the inner surface of said chimney, and by turning the levers or chimney, or both, in opposite directions, the pad at the long lever cleans the top and the pad at the end of the short lever the bulb of the chimney in an easy and perfect manner.

A B represent two pads, which are made of leather, felt, cloth, or other suitable soft and elastic fabric or material. The pad A is cylindrical, or nearly so, and secured to the end of the long lever A', and the pad B is made in the form of a semi-ellipsoid, or of a pear cut in two halves, and attached to the short lever B'. The two levers are made of wood or any other suitable material, and each of them is provided with a projecting edge, *a b*, as clearly shown in the drawing.

A stud, *c*, inserted in the projecting edge of the lever A' and passing through a conical hole in the lever B', connects the two levers and the two projecting edges from the fulcrum on which they work when they are

opened or closed. An additional stud, *d*, rising from the lever A' and projecting in a cavity in the lever B', keeps the two in the proper relative position and prevents the lever B' from turning on the stud *c*, and a spring, *e*, which is interposed between the rear ends or handles of the levers, has a tendency to close up the pads.

It is obvious, however, that the two levers might be connected in various different ways so as to open and close in the manner above described. They might be hinged together or connected by a loop or staple, or by other similar means, without altering the result, and I do not wish to confine myself to any one precise method of connecting the same, but reserve the right to connect them as I may think best.

The lever A' extends beyond the end of the lever B', so that the pad B terminates below or inside of the pad A, as clearly shown in the drawing.

When the pads are closed up, they can be readily introduced into a lamp-chimney, and by pressing the rear ends of the levers together the pads are pressed against the inner surface of the chimney, and by turning the chimney or the levers, or both, in opposite directions the pad A cleans the top or upper end and the pad B the bulb of the chimney.

The convenience of this device is apparent and requires no further explanation.

I claim as new and desire to secure by Letters Patent—

A lamp-chimney cleaner with two pads, A B, applied to the ends of two levers, A' B', of unequal lengths and hinged together, substantially in the manner herein shown and described.

FERDINAND IMHORST.

Witnesses:

WM. T. MCNAMARA,
J. P. HALL.