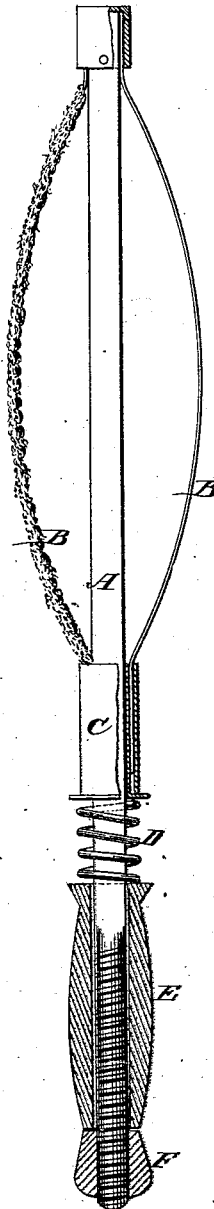


D. T. FREESE.  
LAMP-CHIMNEY CLEANERS.

No. 183,293.

Patented Oct. 17, 1876.



WITNESSES:

*Francis McAuley*  
*John Goethals*

INVENTOR:

*D. T. Freese*  
BY *Wm. H. [Signature]*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

DANIEL T. FREESE, OF NORTH AMHERST, OHIO.

## IMPROVEMENT IN LAMP-CHIMNEY CLEANERS.

Specification forming part of Letters Patent No. **183,293**, dated October 17, 1876; application filed September 9, 1876.

*To all whom it may concern:*

Be it known that I, DANIEL T. FREESE, of North Amherst, county of Lorain and State of Ohio, have invented a new and Improved Lamp-Chimney Cleaner, of which the following is a specification:

My invention consists in the arrangement of two flat bow-springs secured to a handle, the bow of the springs being adjustable by a screw at the end of the handle, and also by a coil-spring which permits the bow-springs to yield more or less for chimneys of different sizes. The flat springs are covered with tufts of yarn.

Referring to the drawing, which is a side elevation in part section, A is a rod or handle, to one end of which the springs B are attached, and C is a slide, to which the movable ends of the springs B are secured. A coiled spring is placed upon the rod A, between the handle E and slide C. The handle E is capable of sliding on the rod A, and is moved by a nut, F, that engages with a thread on the

said rod. The springs B are covered with tufts of yarn or other suitable material.

The springs B can be expanded by turning up the screw F to fit a chimney of any size. The spring D affords a yielding support for the slide C, so that the springs B may be forced into a chimney without danger of breaking it.

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

1. The covered springs B, spring-pressed slide C, and adjustable handle E, with a rod, A, substantially as and for the purpose set forth.
2. A lamp-chimney cleaner consisting of the rod A, covered springs B, slide C, spring D, handle E, and nut F, arranged substantially as herein shown and described.

DANIEL T. FREESE.

Witnesses:

A. E. STINARD,  
S. N. BARNES.