

L. GRANGER.

Improvement in Lamp-Chimney Cleaners.

No. 126,693.

Patented May 14, 1872.

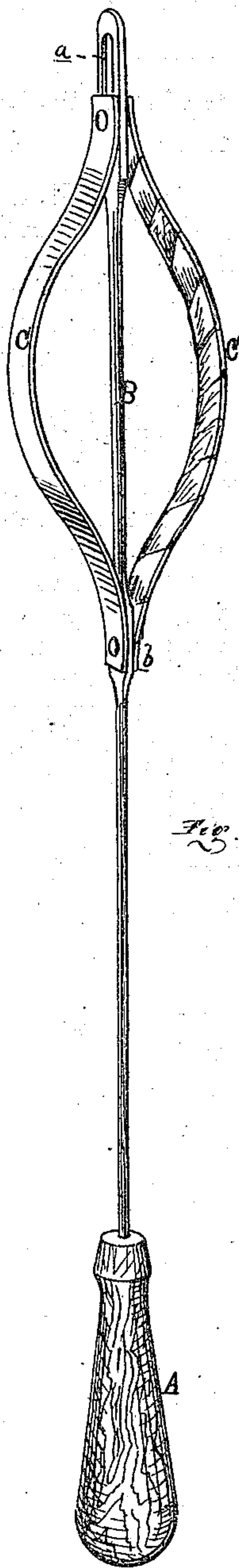


Fig. 1

ATTEST:

Harry S. Sprague

H. F. Everts.

INVENTOR:

Lewis Granger,

per attorney

Harry S. Sprague

## UNITED STATES PATENT OFFICE.

LEWIS GRANGER, OF ARMADA, MICHIGAN.

## IMPROVEMENT IN LAMP-CHIMNEY CLEANERS.

Specification forming part of Letters Patent No. 126,693, dated May 14, 1872.

*To whom it may concern:*

Be it known that I, LEWIS GRANGER, of Armada, in the county of Macomb and State of Michigan, have invented a new and useful Improvement in Device for Cleaning the Interior of Lamp-Chimneys; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective view of my device, showing one of the springs uncovered, and the two springs connected at their free ends by a pin, which travels in a slot-guide in the stem.

This invention relates to the construction of a cheap, simple, and effective device for the purpose of cleaning the interior of glass chimneys for lamps; and consists in the peculiar arrangement and operation of two curved springs, and the necessary stem and handle.

In the accompanying drawing, A represents a handle, secured to the lower end of the round

stem B, a section of which, near the opposite end, is flattened, as shown, and provided with a slot, *a*, for the purposes hereinafter described. C C are curved springs, in the general form shown, which are secured to the stem at *b* by rivet-screws or other convenient and known device. At their opposite ends these springs are connected together by a rivet or screw, which travels in the slot *a* in the flattened section of the stem, while the ends of the springs rest one upon either side of said flattened section, as shown in Fig. 1.

What I claim as my invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, the lamp-chimney cleaner described and shown, wherein the stem B, provided with the slot *a* and springs C, is constructed and arranged as set forth.

LEWIS GRANGER.

Witnesses:

THOS. S. SPRAGUE,  
H. F. EBERTS.