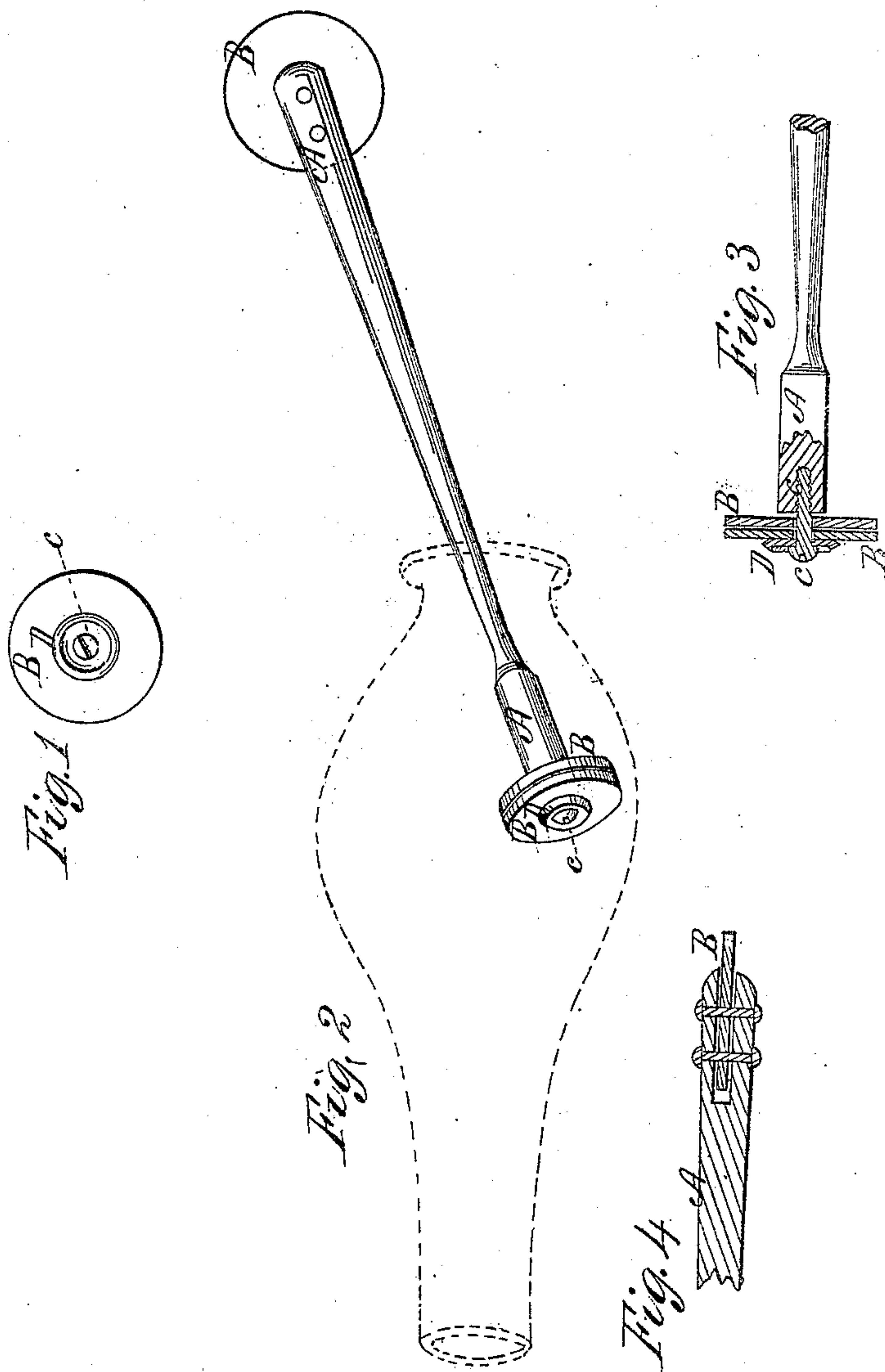


J. Lee,
Lamp-Chimney Cleaner.
No 78,528, *Patented June 2, 1868*



Witnesses;
Theo Truock
W. Truock

Inventor;
James Lee
Per M. M. C. [Signature]

United States Patent Office.

JAMES LEE, OF NEW YORK, N. Y.

Letters Patent No. 78,528, dated June 2, 1868; antedated May 22, 1868.

LAMP-CHIMNEY CLEANER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES LEE, 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 drawings, forming part of this specification, in which—

Figure 1 is an end view of my improved lamp-chimney cleaner.

Figure 2 is a perspective view of the same.

Figure 3 is a detail side view of the same partly in section, and

Figure 4 is a detail sectional view, taken through the line $x x$, fig. 2.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved instrument for cleaning lamp-chimneys, simple in construction, effective in operation, and which can be furnished at a trifling expense.

And it consists in an improved lamp-chimney cleaner, formed by the combination of one or more rubber or other elastic disks with a handle, as hereinafter more fully described.

A is the handle, which may be made of wood or other light and suitable material, and which may be turned off, to give it a neat and tasteful appearance.

B are two rubber disks, which are secured to the end of the handle A by a screw, C, passing through the said disks, and screwing into the end of the handle A. Or the said disks may be secured to the end of the said handle in any other convenient and substantial manner.

If desired, the disks may be secured against being injured by the action of the screw head by a washer, D, of leather or other suitable material that possesses the requisite elasticity, and one or any other desired number of said disks may be used.

The disks may be attached to the end of the handle A, with their planes at right angles to or parallel with the axis of the handle A, as shown in fig. 2.

In using the instrument, it is inserted in the base of the chimney, and pushed into its upper end, then, by inverting the chimney, the requisite quantity of water may be poured into it through the opening at its base.

The chimney may then be turned down upon its side, allowing the water to settle in its bulge, and the cleaner be moved back and forth until all parts of the inner surface of the chimney be perfectly clean.

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

The lamp-chimney cleaner, constructed as described, consisting of the elastic disks B, secured to the end of the handle A, at right angles to its axis, by means of the screw C, and provided with the flexible washer D, as herein shown and described.

The above specification of my invention signed by me, this 2d day of March, 1867.

Witnesses:

WM. F. McNAMARA,

JAMES T. GRAHAM.

JAMES LEE.