No. 698,527. Patented Apr. 29, 1902.

K. LURTZ.

DEVICE FOR CLEANING LAMPS, GLASSES, &c.

(Application filed May 12, 1900.)

(No Model.)

Fig. 1.

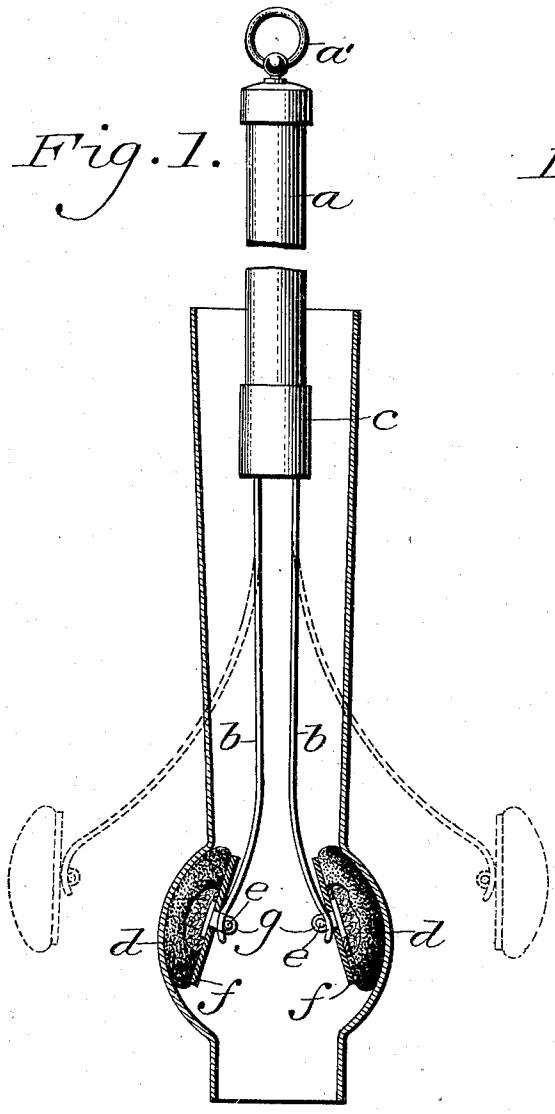


Fig. 2.

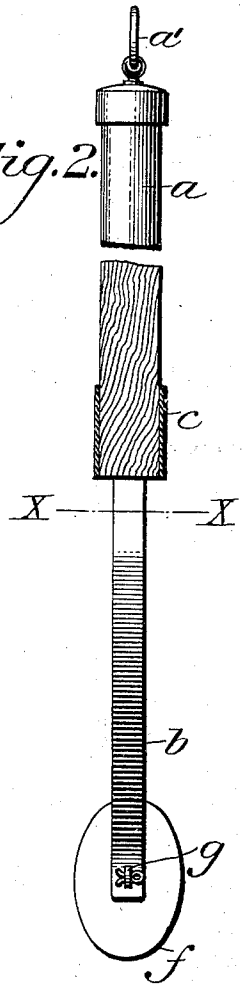


Fig. 3.

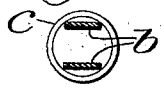
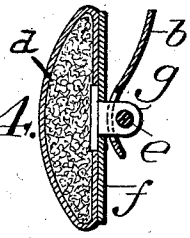


Fig. 4.



Witnesses

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DEVICE FOR CLEANING LAMPS, GLASSES, &c.

SPECIFICATION forming part of Letters Patent No. 698,527, dated April 29, 1902.

Application filed May 12, 1900. Serial No. 16,416. (No model.)

To all whom it may concern:

Be it known that I, KARL LURTZ, advocate, a subject of the King of Austria-Hungary, residing at 14 Rossmarkt, Kronstadt, in the Empire of Austria-Hungary, have invented certain new and useful Improvements in Lamp-Chimney Cleaners, of which the following is a specification.

The cleansing device shown in the drawings is particularly designed for use in connection with lamp-glasses, and it has the advantage of great simplicity and very effective action.

Figure 1 shows the device as applied in cleansing a lamp-chimney formed with a bulging portion. Fig. 2 is a central longitudinal section. Fig. 3 is a section taken on the line X X. Fig. 4 is a section through the pad drawn to a larger scale.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, the cleansing device consists of a handle *a*, which may be made of wood, iron, or other appropriate material. To this handle are fixed two springs *b b* in any convenient manner, preferably in the manner shown from below in Fig. 3, by adapting the upper ends of the steel springs around the lower end of the handle *a* and fixing the same by means of a socket *c*. Normally the springs spread apart, as is indicated by the dotted lines *b' b'* in Fig. 1. When the device is introduced in the chimney *h*, the springs naturally are compressed, and thus press the cleansing-pads *d d* against the surface of the lamp-chimney. These pads *d* are advantageously formed of a plate *f*, provided with a lug *g*, passing through a slot in the spring *b*, where it is retained by a pin or split-pin *e*, Fig. 4. The plate *f* is advantageously covered with rubber *d*, felt, cloth, or other suitable cleansing, scraping, or polishing means. The pad *d* and its plate *f* may advantageously be of oval shape, as shown in Figs. 2 and 4, as this is the most suitable form for lamp-chimneys.

When using the cleansing device, a small linen cloth, wadding, or other cleaning material is spread over the pads, and these are then introduced into the lamp-glass by pressing the springs together by the hand. The handle is then given a rotary motion, as well as an endwise motion, so as to come into contact with all the parts of the internal surface, and so cleanse the same. When not using the device, it is suspended on a nail, preferably by the ring *a'* provided at its upper end.

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

A device for cleansing lamp-chimneys and other similar hollow bodies, characterized by a handle *a* to one end of which are attached two flat leaf-springs *b b* provided with readily-movable plates *f*, fitted with pads *d* of elastic material.

In testimony whereof I have hereunto set my hand, in presence of two subscribing witnesses, this 19th day of April, 1900.

KARL LURTZ.

Witnesses:
C. FOCBRECHT,
P. JANSEN.