No. 867,527. PATENTED JUNE 18, 1907.

E. C. LEWIS.

POT CLEANER.

APPLICATION FILED JAN. 6, 1907.

Fig. 1.

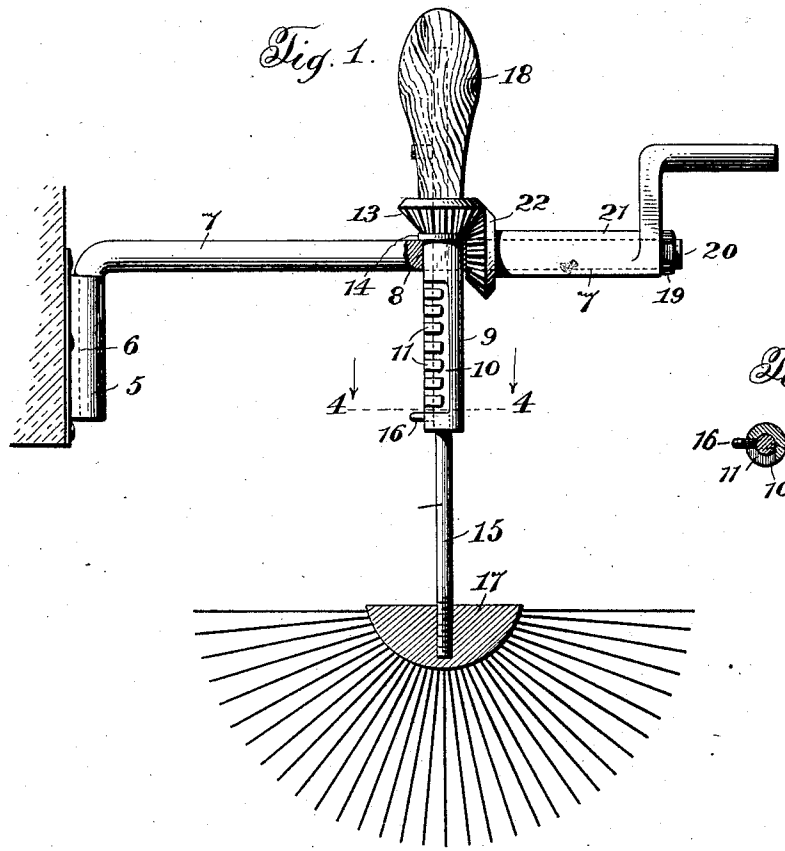


Fig. 4.

Fig. 2.

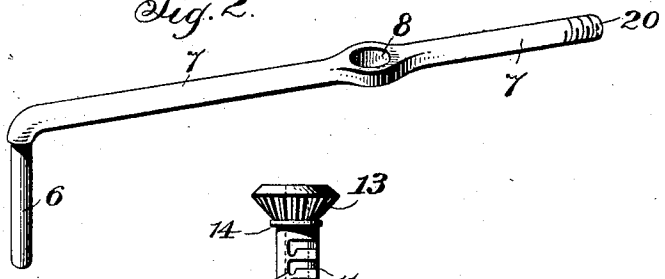
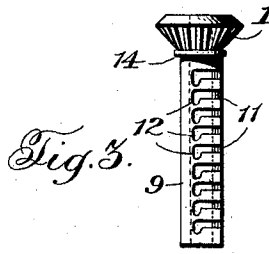


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

ELIZABETH CATHERINE LEWIS, OF OAK GROVE, ALABAMA.

POT-CLEANER.

No. 857,527. Specification of Letters Patent. Patented June 18, 1907.

Application filed January 5, 1907. Serial No. 350,919.

To all whom it may concern:

Be it known that I, ELIZABETH CATHERINE LEWIS, a citizen of the United States, residing at Oak Grove, in the county of Mobile and State of Alabama, have invented certain new and useful Improvements in Pot-Cleaners, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention provides a handy implement arranged to expeditiously clean pots and other utensils. The parts of the device are so constructed and assembled that they may be easily and quickly separated for purposes of cleaning and storage, means are provided whereby the cleaning element may be adjusted to different heights in the utensil being cleaned and can accommodate itself to any size utensil, cleaning elements of different characters may be easily attached to and removed from the actuating mechanism, and the device may be turned against the wall out of the way when not in use.

When read in connection with the following description, the details of construction and arrangement of parts contemplated by this invention will be apparent from the accompanying drawings, forming part hereof, wherein a preferable embodiment of the invention is disclosed, for purposes of illustration.

Like reference-characters refer to corresponding parts in the several views of the drawings, of which—

Figure 1 is a view in elevation of the invention; Fig. 2 is a view of the fixed rod; Fig. 3 is a view of the slotted member; and Fig. 4 is a cross-sectional view, on the line 4—4, Fig. 1.

Referring more particularly to the drawings, 5 designates a socketed member arranged to be attached to any suitable fixed part, such as the wall, or upright portion of a table or other piece of furniture. Into socketed member 5 is arranged to removably seat the depending or hook portion 6 of a substantially horizontal rod 7, which is formed intermediate its ends with an enlarged and apertured portion 8. Arranged to removably and rotatably seat in apertured portion 8 is a longitudinally-apertured elongated member 9, having its major portion depending below said rod and formed with a longitudinal slot 10 in said depending portion and opening into the aperture and with transverse slots 11 extending from slot 10 and also opening into the aperture and terminating in detents 12. At or near the top of member 9 is a gear 13, which forms an abutment 14 arranged to engage enlarged portion 8 and to prevent member 9 falling through the aperture of the enlarged portion.

A rod 15 is adapted to be removably disposed in member 9, and on this rod is a pin 16 capable of movement in slots 10 and 11 and engagement with detents 12. One end of rod 15 is screw-threaded for attachment of any suitable cleaning element 17, and on the other end is removably placed a handle 18.

Removably and rotatably retained on rod 7, by a nut 19 engaging the screw-threaded end 20 of the rod, is a crank-member 21 terminating in a gear 22 arranged to mesh with gear 13.

When the device is in use, pin 16 is moved in slot 10 until the cleaning element is at the desired position, when rod 15 is turned to move the pin into one of slots 11 and seat it in the detent 12 of that slot, whereby it is held in adjusted position. Cranked member 21 is then rotated, which rotating motion causes a like motion in the cleaning element, the motion being transmitted by gears 13 and 22 and pin 16 engaging the end of one of slots 11, in an obvious manner. Pressure on the handle causes pressure of the rotating cleaning element on the part being cleansed. Slot 10, in which pin 16 is arranged to move, not only permits adjustment of the operative height of the cleaning element, but also permits it to be raised for the positioning of a pot or other utensil to be cleaned thereunder. As rod 7 is pivoted in socketed member 5, the device may be turned back out of the way when not in use.

The several parts of the device may be disassembled by removing nut 19, withdrawing member 21, removal of the handle, releasing pin 16 through slot 10 when rod 15 may be withdrawn from member 9, and withdrawing member 9 from enlarged portion 8.

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

1. In a device of the character described, actuating means comprising a rotatable longitudinally-apertured member, a rod disposed therein and having thereon a cleaning element, and a pin fixed on said rod, said member being formed with means coöperable with said pin whereby said rod is held in adjusted position.

2. In a device of the character described,

actuating means comprising a rotatable longitudinally-apertured member formed with a longitudinally-disposed slot and with transverse slots leading therefrom, said slots opening into the aperture of said member, a rod disposed in said member and having thereon a cleaning element, and a pin on said rod and capable of movement in said slots.

3. In a device of the character described, actuating means comprising a rotatable longitudinally-apertured member formed with a longitudinally-disposed slot and with transverse slots leading therefrom and terminating in detents, said slots opening into the aperture of said member, a rod disposed in said member and having thereon a cleaning element, and a pin on said rod and capable of movement in said slots and engagement with said detents.

4. In a device of the character described, the combination with a fixed rod having an aperture therethrough, of an elongated longitudinally-apertured member rotatably seated in said rod-aperture and having a portion depending below said rod, said elongated member being formed in the depending portion with a longitudinally-disposed slot and with transverse slots leading therefrom, a gear on said elongated member, a rotatable rod disposed in said elongated member and having thereon a cleaning element, a pin on said rotatable rod and capable of movement in said slots, a manually-rotatable member on said fixed rod, and a gear on said manually-rotatable member and coöperable with the gear on said elongated member.

In testimony whereof I affix my signature in presence of two witnesses.

ELIZABETH CATHERINE LEWIS.

Witnesses:

F. G. MOORING,

ARTHUR LEWIS.