No. 614,305. Patented Nov. 15, 1898.

T. E. JONES.

BRUSH FOR CLEANING CUSPIDORS.

(Application filed May 13, 1898.)

(No Model.)

Fig. 3.

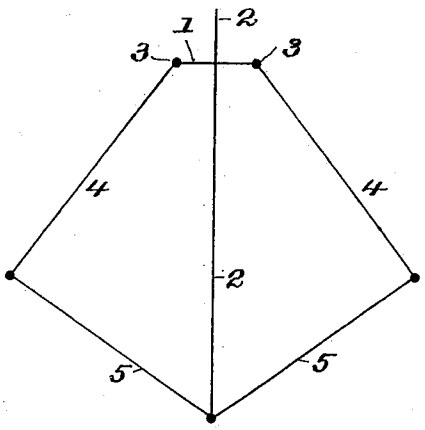


Fig. 1.

Fig. 4.

Fig. 2.

Attest:

James Lavallin

W. H. Holmes.

Inventor:

Theodore E. Jones.

by Robert Burns Atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

THEODORE E. JONES, OF CHEYENNE, WYOMING.

BRUSH FOR CLEANING CUSPIDORS.

SPECIFICATION forming part of Letters Patent No. 614,305, dated November 15, 1898.

Application filed May 13, 1898. Serial No. 680,590. (No model.)

To all whom it may concern:

Be it known that I, THEODORE E. JONES, a citizen of the United States, residing at Cheyenne, in the county of Laramie and State of Wyoming, have invented certain new and useful Improvements in Brushes for Cleaning Cuspidors, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification.

This invention relates to a sectionally-formed brush the sections of which are capable of adjustment to adapt themselves to the different surfaces of a cuspidor, so as to brush and clean the same.

The object of the present improvements is to provide a simple and effective arrangement of parts in the above type of cleaning-brushes that is capable of ready and convenient adjustment to clean or brush any portion of the interior and exterior of a cuspidor, as will hereinafter more fully appear and be more particularly pointed out in the claims. I attain such object by the construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of an adjustable sectional brush embodying the present invention; Fig. 2, an enlarged detail section at line *x x*, Fig. 1; and Figs. 3 and 4, diagram views showing different adjustments of the brush-sections for use in cleaning portions of the cuspidor other than that shown in Fig. 1.

Similar numerals of reference indicate like parts in the several views.

Referring to the drawings, 1 represents a tubular handle portion, and 2 a handled bar adapted to slide endwise in said tubular handle, as shown.

3 are counterpart pivot-lugs arranged at opposite sides of the tubular handle 1 near the lower end thereof.

4 are two counterpart upper brush-sections secured at one end in a pivotal manner to the pivot-lugs 3 of the tubular handle 1 and at their other end to the adjacent ends of the two counterpart lower brush-sections 5, that in turn have pivotal connection at their other ends with the lower end of the handled stem or bar 2, as shown. With such construction by an endwise movement of the handled stem or bar 2 in the tubular handle 1 a variety of adjustments can be imparted to the brush-section to conform to the different surfaces of the cuspidor to be brushed or cleaned and as illustrated in part by the different positions shown in the accompanying drawings.

In my preferred construction, as illustrated in Figs. 1 and 2 of the drawings, each brush-section 4 5 will be formed of a permanent holder portion 6, of sheet metal, and which, as shown in the drawings, consists of a main plate portion formed at each end with the pivot-eye, by which pivotal connection is had with the end of the next adjacent brush-holder, and a centrally-arranged auxiliary portion that is bent into a rectangular trough or channel and provided with an inturned tongue 7, as indicated in Fig. 2. The brush-body is of a counterpart rectangular formation to fit said trough or channel and is formed with a central longitudinal groove to receive the tongue 7, as indicated in Figs. 1 and 2. In the arrangement shown in Fig. 1 the plane body or plate portions of the respective holder portions face each other and offer no obstruction to the free adjustment of the brush-sections in the varied uses of the present device.

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

1. A cleaning-brush for cuspidors, comprising in combination, a tubular handle portion, a stem or bar having endwise movement therein, duplicate upper brush-sections, and duplicate lower brush-sections, the upper brush-sections being pivoted to the tubular handle portion, the lower brush-section being pivoted to endwise-moving stem, and the upper and lower brush-sections being pivoted together at their adjacent ends, substantially as herein described.

2. A cleaning-brush for cuspidors and like vessels, comprising in combination, a tubu-

lar handled portion, a stem or bar having endwise movement therein, counterpart upper and lower brush-sections, that are pivotally attached to each other and to the tubular handle and to the stem or bar respectively, each section comprising a permanent holder portion folded into a trough shape and provided with an inturned tongue, and a removable brush portion formed with a groove in its side, substantially as set forth.

In testimony whereof witness my hand this 3d day of May, 1898.

THEODORE E. JONES.

In presence of—
T. F. BURKE,
J. A. ENGLAND.