

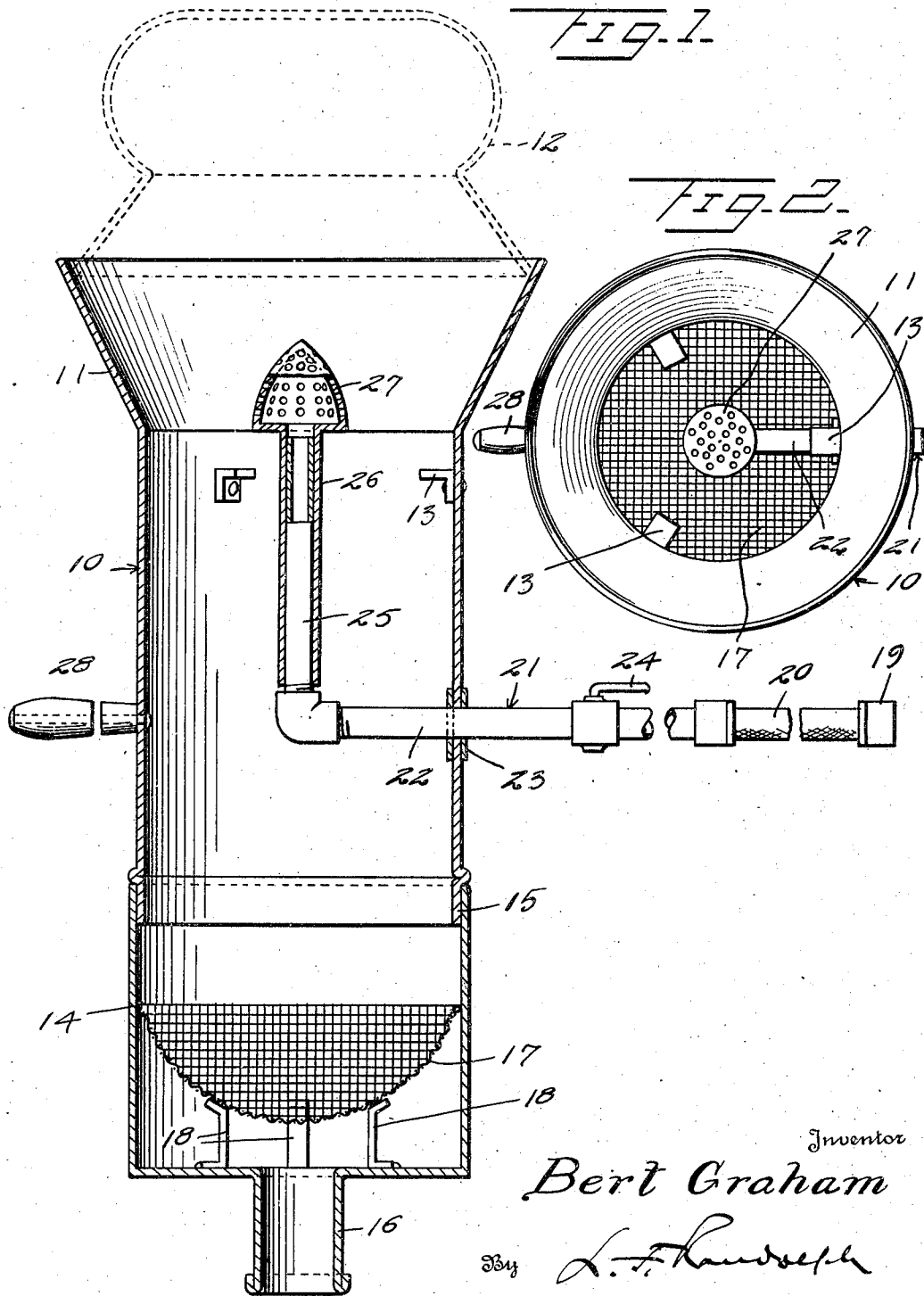
July 16, 1946.

B. GRAHAM

2,404,286

CUSPIDOR CLEANER

Filed May 6, 1943



UNITED STATES PATENT OFFICE

2,404,286

CUSPIDOR CLEANER

Bert Graham, Tacoma, Wash.; Pearl L. Graham
administratrix of said Bert Graham, deceased

Application May 6, 1943, Serial No. 485,921

1 Claim. (Cl. 134—167)

1

This invention relates to cleaning apparatus for cuspidors.

It is particularly aimed to provide a construction which will support cuspidors of different sizes and subject them to a water spray to clean them, at the same time being sectional so that after cleaning operations a screen within the apparatus may be emptied and cleaned.

Another object is to provide a spray means which is adjustable according to the size and position of the supported cuspidor and a spray or water-supply means which has a flexible connection with a source of supply, to enable the dismantling or separation of the sections for the aforesaid cleaning of the screen.

The more specific objects and advantages will become apparent from a consideration of the description following taken in connection with accompanying drawing illustrating an operative embodiment.

In said drawing:

Figure 1 is a view of the apparatus primarily in central vertical section, a cuspidor being suggested in cleaning position in dotted lines; and

Figure 2 is a plan view of the apparatus.

Referring specifically to the drawing wherein like reference characters designate like or similar parts, 10 indicates a casing having a flared upper portion 11 to accommodate one size of cuspidor as suggested in dotted lines in an inverted position. A smaller size cuspidor, (not shown), may be supported in inverted position within the casing 10 on brackets 13.

Casing 10 is sectional in that it has a removable basal section 14, telescopically engaged watertight but removable at overlapping portions 15.

Said basal section 14 has a discharge tube 16 leading from its bottom wall adapted to fit into a discharge hole of a cleaning sink for example.

Basal section 14 carries therein a hemispherical screen 17, preferably secured at its marginal edge to the wall of the basal section and also supported and secured to brackets 18, in turn fastened to the bottom wall of the section 14.

Water for cleaning purposes is adapted to be supplied by any suitable source as at 19, and the same is connected by a flexible hose 20 to an L-shaped spray pipe 21 having a horizontal portion 22 rigidly fastened at 23 in the side wall of the

2

casing 10. Portion 22 may contain a conventional cut-off valve 24.

The vertical portion of the water supply pipe 21 is shown at 25 and is located axially of the casing 10. Surrounding the portion 25 is a tube 26 depending from a spray nozzle 27, having any desired number of orifices so that admitted water will be sprayed into the inverted cuspidor such as that suggested at 12.

The nozzle 27 is vertically adjustable correctly to dispose the same according to the size and height of the cuspidor being cleaned. To this end the tube 26 is slidable and rotatable on the pipe 25 but engages the same with such a degree of friction as to remain in any adjusted position thereon.

To facilitate handling the apparatus, a handle 28 is rigidly connected thereto in diametric alignment with the pipe portion 22.

It will be seen that the cuspidors may be supported on the flared portion 11 or on brackets 13, and flushed and cleaned by water admitted or sprayed through the nozzle 27 under control of valve 24. Any waste matter will be trapped in the screen 17 while the water will flow from the casing through the discharge tube 16. However, after cleaning the cuspidors, handle 28 may be grasped in order to lift or remove the section 10 from the basal section 14, the flexible hose 20 permitting such action. With the upper portion of the apparatus thus removed basal section 14 may be inverted, and any deposit collected on the screen 17 be removed therefrom, and the screen be washed for reuse.

I find, with the present apparatus, that cuspidors may be cleaned expeditiously, much more so than by hand or brush, and in a more sanitary and pleasing manner.

I claim as my invention:

A cleaning apparatus for cuspidors or the like comprising a casing to support a cuspidor, spray means mounted by the casing for the cuspidor, said casing having a separable basal section, said section having a discharge outlet, and a collecting screen in the basal section across said outlet, said casing having an upper flared portion to support a cuspidor of one size, and means below said portion to support a cuspidor of a different size, said spray means being adjustable according to the position of a supported cuspidor.

BERT GRAHAM.