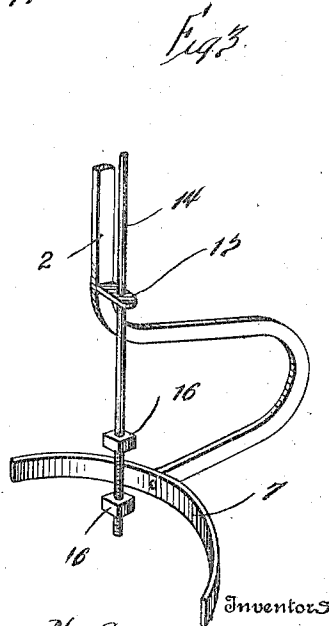
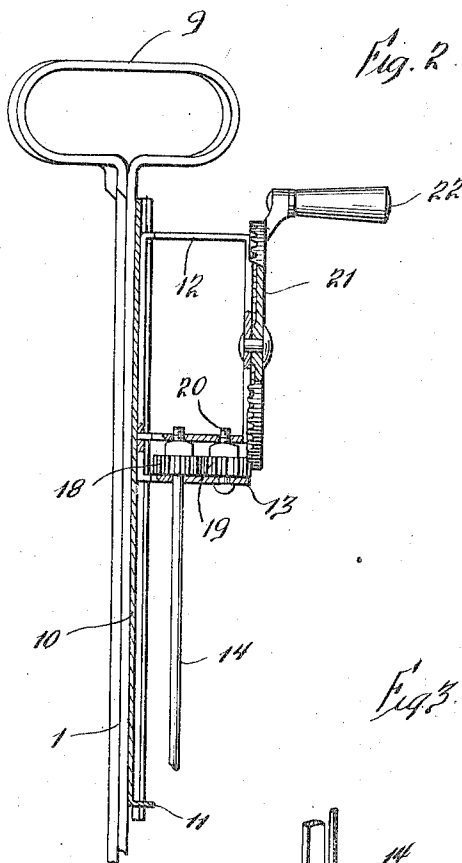
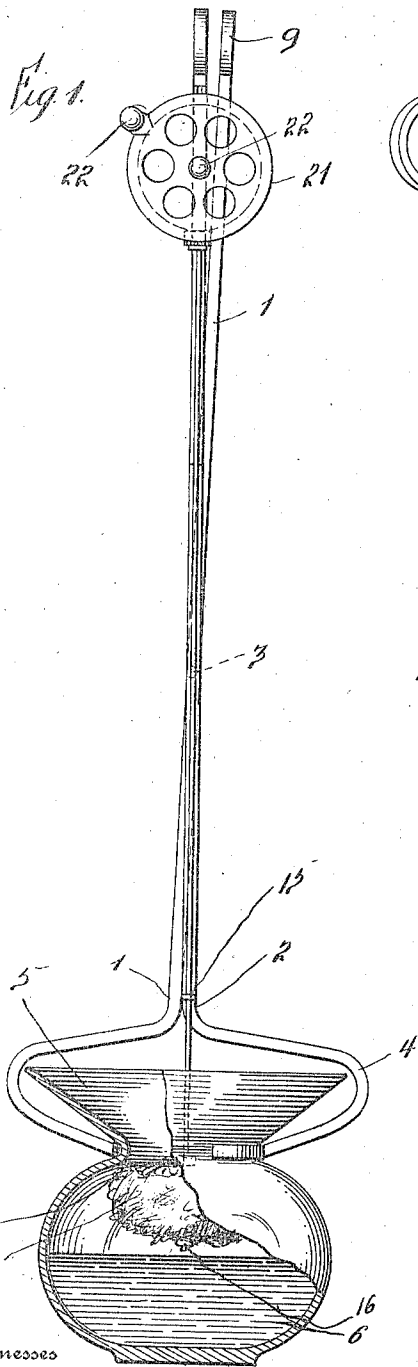


N. & C. CARUSO.
CUSPIDOR CLEANER.
APPLICATION FILED NOV. 15, 1909.

951,591.

Patented Mar. 8, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

NICOLAS CARUSO AND CESARE CARUSO, OF TARENTUM, PENNSYLVANIA.

CUSPIDOR-CLEANER.

.951,591.

Specification of Letters Patent.

Patented Mar. 8, 1910.

Application filed November 15, 1909. Serial No. 528,077.

To all whom it may concern:

Be it known that we, NICOLAS CARUSO and CESARE CARUSO, subjects of the King of Italy, residing at Tarentum, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Cuspidor-Cleaners, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a device for cleaning cuspidors, and the invention has for its object the provision of simple and effective means for gripping a cuspidor, and lowering a sponge or similar cleansing device into a cuspidor and revolving the same to remove filth and foreign matter that adheres to the inner sides of a cuspidor.

A further object of the invention is to provide a device that can be used for carrying cuspidors and cleaning various kinds of receptacles, the device being cheap to manufacture, easy to manipulate, and highly efficient for the purposes for which it is intended.

With the above and other objects in view, the invention consists in the novel arrangement and combination of parts hereinafter described.

In the drawings, Figure 1 is a side elevation of the device attached to a cuspidor which is partly broken away and partly in section to show the cleaning device. Fig. 2 is an enlarged front elevation of a portion of our device partly broken away and partly in section, and Fig. 3 is a perspective view of one of the gripping arms of the device.

We construct our device upon the principle of a pair of tongs, comprising levers 1 and 2 pivotally connected together as at 3. The lower ends of these levers are offset, as at 4 to provide clearance for the funnel-shaped mouth 5 of a cuspidor 6. The offset ends of the levers 1 and 2 are provided with semicircular gripping heads 7 adapted to embrace the reduced portion 8 of the cuspidor, either for carrying purposes or steadying the device while it is being used. The upper ends of the levers 1 and 2 are provided with handles 9, and the lever 2 adjacent to the handle thereof is provided with a vertical

channel-shaped guide bar 10 having the lower end thereof bent outwardly to form a stop lug 11.

Slidably mounted in the bar 10 is a rectangular frame 12 having a depending horizontal bearing plate 13, and revolubly mounted in said bearing plate of the frame 12 is a vertical rod 14 extending through a bearing 15 adjacent to the offset end of the lever 2. The lower end of the rod 14 is threaded for nuts 16, and a sponge 17 or similar cleaning device is placed upon the threaded end of the rod and retained thereon by the nut 16. This sponge or cleaning device is adapted to cleanse the inner sides of the cuspidor 6.

The upper end of the rod 14 is provided with a fixed gear wheel 18 meshing with the gear wheel 19 revolubly mounted upon a bolt 20 arranged in the bearing plate 13 of the frame 12. Meshing with the gear wheel 19 is a large vertical gear wheel 21 revolubly supported by the vertical portion of the frame 12, the said gear wheel 21 having a crank 22 to permit of the gear wheel 21 being rotated to revolve the sponge or cleaning device in the cuspidor 6.

The entire device is made of light and durable metal, and while in the drawings is illustrated a preferred embodiment of the invention it is to be understood that the structural elements thereof can be varied or changed without departing from the spirit of the invention.

Having now described our invention, what we claim as new, is:

1. A device of the type described, comprising a pair of pivoted levers, gripping heads carried by the lower ends of said levers, a frame movably mounted at the upper end of one of said levers, a rod revolubly supported on said frame and by the lever supporting said frame, means carried by said frame for revolving said rod, and a cleaning device detachably mounted upon the lower end of said rod.

2. A device of the type described comprising pivoted levers, gripping heads carried by the lower ends of said levers, a channel-shaped bar carried by one of said levers, a

frame mounted in said bar, a rod revolubly supported by said frame and by the lever supporting said frame, a cleaning device detachably supported upon the lower end of
5 said rod, means carried by said frame for revolving said rod, said means including gear wheels, substantially as described.

In testimony whereof we affix our signatures in the presence of two witnesses.

NICOLAS CARUSO.
CESARE CARUSO.

Witnesses:

A. H. RABSÁG,
MAX H. SROLOVITZ.