W. DROZDZ.

SPITTOON CLEANER.

APPLICATION FILED MAY 12, 1917.

1,241,203.

Patented Sept. 25, 1917.

2 SHEETS—SHEET 1.

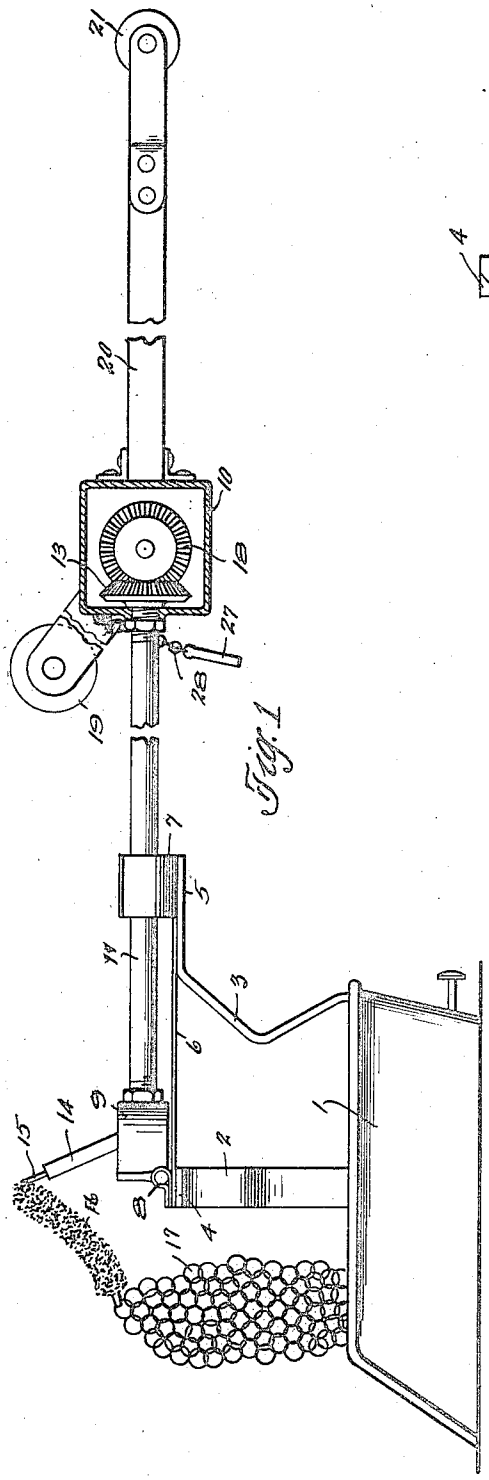


Fig. 1

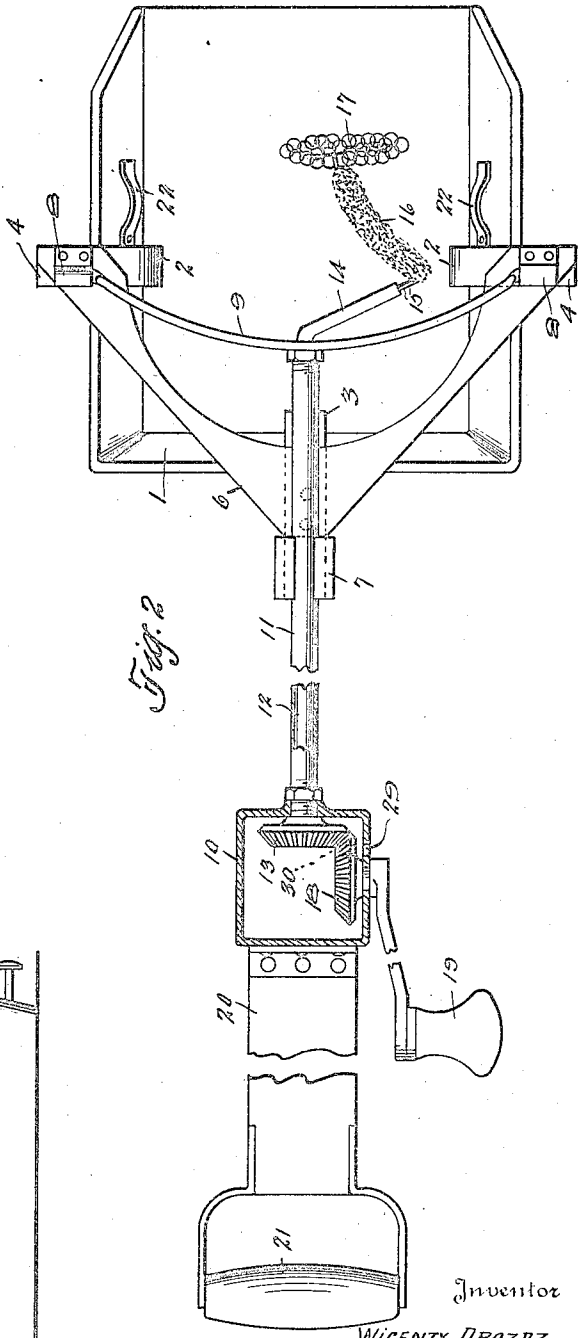


Fig. 2

Inventor

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Fig. 3

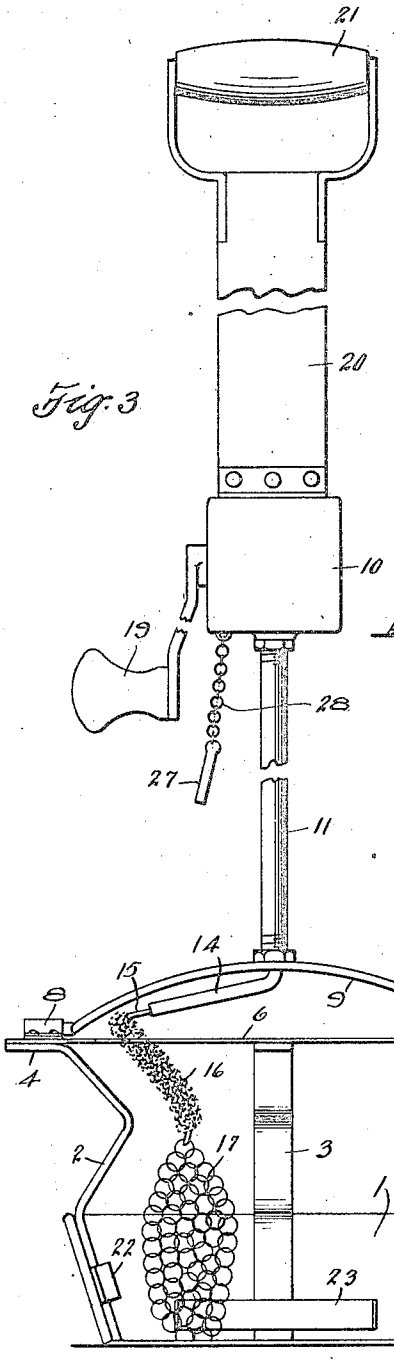
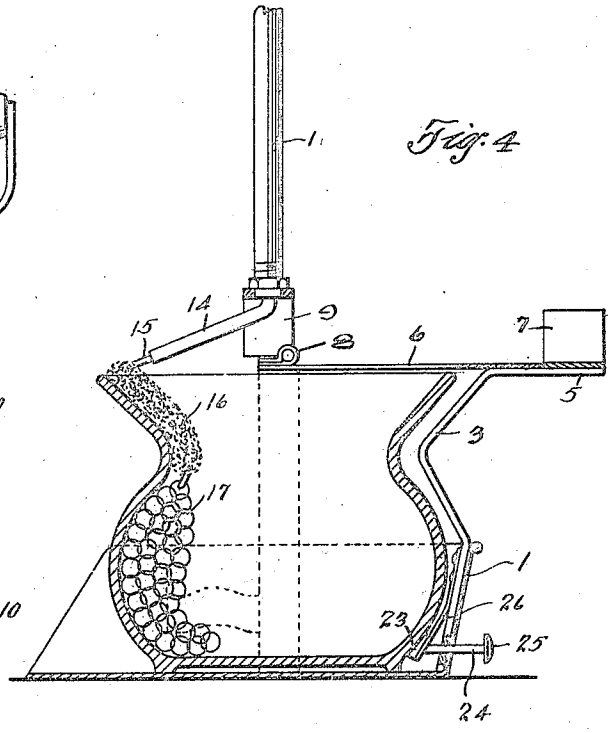


Fig. 4



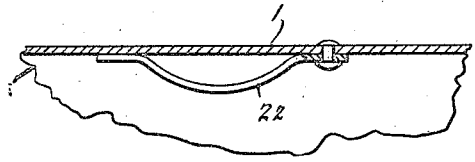


Fig. 5

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UNITED STATES PATENT OFFICE.

WICENTY DROZDZ, OF CLEVELAND, OHIO, ASSIGNOR OF ONE-HALF TO MARIAN B. BARSZCZEWSKI, OF CLEVELAND, OHIO.

SPITTOON-CLEANER.

1,241,203. Specification of Letters Patent. Patented Sept. 25, 1917.

Application filed May 12, 1917. Serial No. 168,321.

To all whom it may concern:

Be it known that I, WICENTY DROZDZ, a subject of Russia, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Spittoon-Cleaners, of which the following is a specification.

This invention relates to spittoon cleaners and has for its object to provide an improved device by means of which the spittoon can be lifted and transported to a suitable place and then washed and cleaned, without the hands of the operator being placed in or on the spittoon. The device further embodies a carrier and a cleaner mechanism associated therewith.

In the accompanying drawings—

Figure 1 is a side elevation of the device;

Fig. 2 is a plan view;

Fig. 3 is a front elevation;

Fig. 4 is a section showing the device applied to a spittoon;

Fig. 5 is a detail showing one of the springs for holding the spittoon.

In the drawings 1 indicates a shovel or scoop to the sides of which are fixed a pair of supports 2, and to the rear of which is fixed a support 3, these supports extending above the scoop, the upper ends of the supports being bent outwardly to horizontal position as shown at 4 and 5, these ends supporting a plate 6 and a clip 7. The standards 2 support bearings 8 for the ends of a bail or rocker 9 to which is fixed a tube 11 supporting a gear casing 10 at its outer end. A shaft 12 extends through the tube 11, and has at one end a bevel gear 13 and at the other end a crank arm 14 to which is connected a wire 15 bent to conform to the inside of a spittoon and to this wire is connected a chain mesh 17 and a brush 16. A gear 18 is supported in the gear casing and is connected to a hand crank 19. A handle 21 is also connected to the outer end of the gear casing, by a plate 20.

Each side of the scoop is provided with a flat spring 22 and the rear of the scoop is provided with a curved strip 23 supported by a flat spring 26 and provided with a pin 24 extending through the back of the scoop, with a knob 25 on the outer end.

A pin 27 is connected by a chain 28 to the gear casing 10, and may be inserted through a hole 29 in the gear casing into a hole 30 in the gear 18 to lock the gears when desired to prevent swinging of the crank or turning of the cleaner.

In the use of the device, the handle portion is swung down as shown in Fig. 1 until the tube 11 is engaged by the clip 7, and then it may be used as a scoop or shovel to take up the spittoon, which may then be carried to a convenient place for cleaning.

Then by swinging the handle portion up to vertical position as shown in Fig. 3 and turning the crank 19, the shaft 12 and its crank 14 are rotated carrying the brush and chain around the inside of the spittoon to dislodge all matter therein, after which the handle may be swung down and the spittoon carried back and dislodged from the scoop by pressing in on the pin 24 to force the spittoon beyond the springs 22 and permit it to be slid off onto the floor.

I claim:

1. A spittoon cleaner, comprising a scoop in which the spittoon may be carried, a handle connected to the scoop, and a cleaner supported by the handle and projecting therefrom in position to extend into a spittoon in the scoop.

2. A spittoon cleaner, comprising a scoop in which the spittoon may be carried, a handle pivoted to the scoop, and a movable cleaning device mounted on the handle and projecting at the inner end thereof, in position to be swung into and out of a spittoon in the scoop by swinging the handle up or down.

3. A spittoon cleaner, comprising a scoop in which the spittoon may be carried, a handle pivoted to the sides of the scoop, and a shaft supported by the handle and provided with a cleaner at its inner end and means to rotate the same at its outer end.

4. A spittoon cleaner comprising a scoop in which the spittoon may be carried, a

handle pivoted to the scoop, a catch to engage the handle at the back of the scoop, for operation in the manner of a shovel, and a cleaning device mounted on the handle and projecting from the inner end thereof to extend into a spittoon in the scoop when the handle is swung up.

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

WICENTY DROZDZ.

Witnesses:
JOHN A. BOMMHARDT,
G. N. ROSENBERG.