

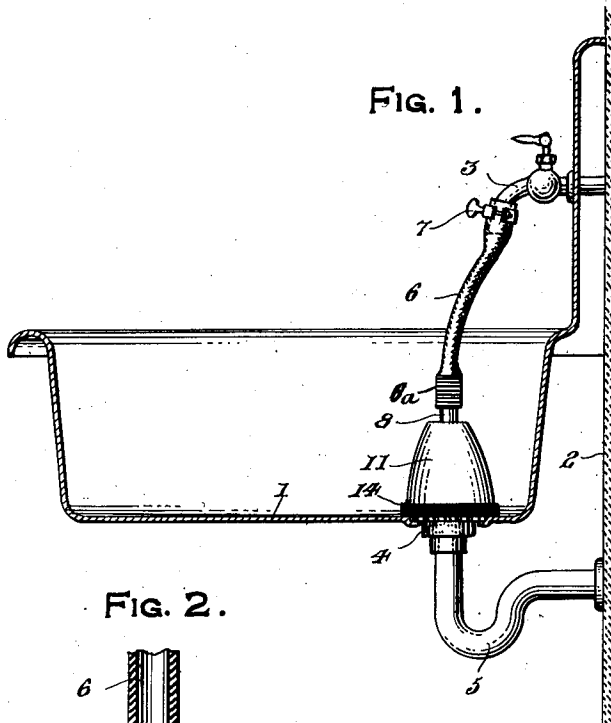
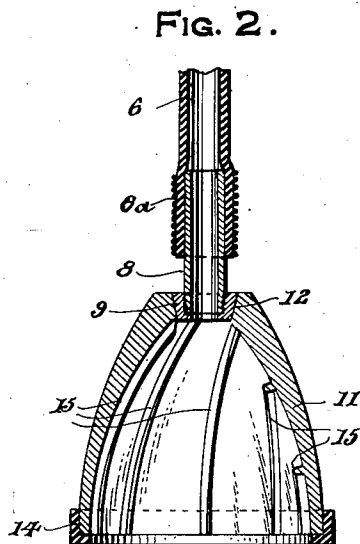
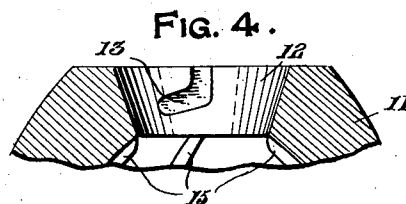
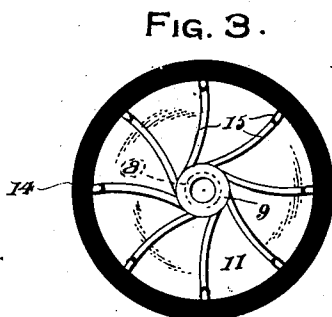
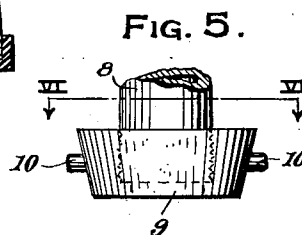
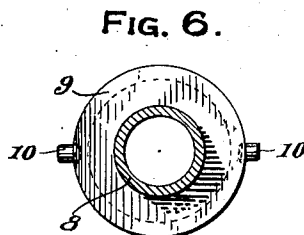
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G. KOMARCSEVITS ET AL

FLUSHING ATTACHMENT FOR SINKS, BATHTUBS, AND THE LIKE

Filed Dec. 18, 1924



Inventors
G. Komarcsevits
F. G. Nunn

By *Bryant & Lowry*
Attorneys

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UNITED STATES PATENT OFFICE.

GEORGE KOMARCSEVITS AND FRANK G. NUNN, OF CLEVELAND, OHIO; SAID NUNN
ASSIGNOR TO SAID KOMARCSEVITS.

FLUSHING ATTACHMENT FOR SINKS, BATHTUBS, AND THE LIKE.

Application filed December 18, 1924. Serial No. 756,872.

This invention relates to certain new and useful improvements in flushing attachments for sinks, bathtubs and the like and has for its primary object to provide an attachment for a faucet or spigot that co-operates with the drain outlet of the sink, etc. whereby water under pressure is forced through the outlet pipe to dislodge and discharge obstructions in the drain pipe for
10 flushing and cleaning the same.

A further object of the invention is to provide a flushing device of the type above set forth wherein a pipe or hose connection adapted for attachment to a spigot is detach-
15 ably connected to an inverted bowl-shaped casing or body that is placed over a drain opening of a sink or the like with spiral ribs on the inner face of the body to create the whirling action of water passing there-
20 through.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists of the novel form, combination, and
25 arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the drawing, wherein like reference characters designate corresponding parts
30 throughout the several views.

Figure 1 shows a sectional view of a sink with the flushing attachment operatively associated therewith and forming a direct
35 water communication between the faucet and drain pipe for the sink.

Figure 2 is a fragmentary vertical sectional view of the lower end of the flushing device showing the inverted bowl-shaped casing,

40 Figure 3 is a bottom plan view of the casing showing the spiral ribs upon the inner face of the bowl-shaped member.

Figure 4 is a fragmentary sectional view showing the bayonet slot connection between
45 the upper end of the bowl-shaped member and the attaching plug carried by the lower end of the hose.

Figure 5 is a fragmentary side elevational view, and

50 Figure 6 is a horizontal sectional view taken on line VI—VI of Fig. 5.

It being understood that the present invention is designed for flushing the drain pipes of sinks, bathtubs and the like, for
55 purposes of illustration, the reference nu-

meral 1 designates a sink supported in the usual manner upon the wall 2 with the faucet 3 outletting into the sink as illustrated in Fig. 1. The sink is provided with the usual drain opening 4 communicating with the
60 goose-neck or elbow pipe 5 of the kind generally employed in a drain system of this character.

The flushing device embodies a flexible pipe or hose 6 positioned upon the faucet 3
65 as illustrated in Fig. 1 and retained thereon by the screw clamp 7 while the other end of the hose 6 has one end of a metallic tube or pipe 8 received therein and retained
70 against leakage by the wire wrapping 6^a as shown in Fig. 2. The lower end of the pipe 8 is exteriorly threaded and is removably received in the central threaded opening
75 in the frusto-conical block 9 carrying diametrically opposite outwardly directed lugs 10 as clearly shown in Figs. 5 and 6.

An inverted bowl-shaped casing 11 has a tapering opening 12 in the upper end thereof with diametrically opposite bayonet
80 slots 13 formed in the walls of the tapered opening that receives the lug projections 10 upon the block 9 for locking the block upon the lower end of the hose to the bowl-shaped member. A gasket 14 encloses the
85 lower edge of the bowl-shaped member 11 to provide for an intimate contact between the bowl-shaped member and the bottom wall of the sink 1 surrounding the drain opening 4. To increase the efficiency of the water passing
90 through the hose and bowl-shaped member, the latter is provided upon its inner face with a plurality of spaced spirally arranged ribs 15 to create a whirling action in the water passing therethrough. It will
95 therefore be seen that with the upper end of the hose 6 clamped upon the faucet 3, and with the lower edge of the bowl-shaped member 11 having the gasket 14 thereon intimately engaging the bottom
100 wall of the sink, a direct water connection is established between the faucet 3 and drain pipe 5 for effectively dislodging any obstructions therein and for flushing the pipe. The spiral ribs create a whirling action in
105 the water and enhance the agitating effect thereof in passing through the drain pipe.

While there is herein shown and described the preferred embodiment of the present invention, it is nevertheless to be understood
110 that minor changes may be made therein

without departing from the spirit and scope of the invention as claimed.

What is claimed as new is:—

5 In a flushing attachment for sinks and the like, comprising a flexible hose, a metallic pipe secured in one end of said hose and having one end threaded, a block having an inclined outer wall and an internally screw-threaded opening centrally disposed therein
10 for receiving the threaded end of said pipe, oppositely disposed lugs upon the outer inclined wall of said block, a bowl-shaped casing having a smooth non-flanged outer wall and an opening in its top portion hav-
15 ing an inclined surrounding wall provided

with oppositely disposed L-shaped recesses formed therein for receiving the lugs of said block for attaching said casing thereto, spiral ribs on the inner wall of said casing to effect a whirling action of the water passing there- 20 through, said spiral ribs extending from the discharge end to the top opening of said casing, and a gasket of L-shaped cross-section secured to and embracing the discharge end of said casing. 25

In testimony whereof we affix our signatures.

GEORGE KOMARCSEVITS.
FRANK G. NUNN.