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## Patent Search

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### Abstract:

The present invention relates to design and development of toothpaste refilling system. The invention includes a nozzle being dipped in the toothpaste container. A connector fixed to the empty toothpaste tube. The toothpaste re-filler is provided with the spring-based grip engaging mechanism. A drive grip is urged into operational contact by the movement of the trigger. Grip clamps the plunger under thrust of the trigger against a friction grip which surrounds the piston rod. This friction grip is urged in the forward direction by a spring (1) which moves in the forward direction and also carries the rod in forward direction with it at the same time. The present invention has developed a device which can transfer toothpaste from re-filler to the main toothpaste tube without leakage to obtain 1000 transfers. This device is cost-effective, environmentally friendly reduces plastic waste significantly.

Complete Specification

THE PATENTS ACT, 1970  
(39 of 1970)

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The Patents Rules, 2003

COMPLETE SPECIFICATION (see section 10)

TOOTHPASTE REFILLER

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The following description describes the nature of the invention.

[View Application Status](#)



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