

InventionHome® Product Developer Creates Refillable Pump Systems for Cleaner, More Efficient Toothpaste Dispensing

PITTSBURGH, PA, UNITED STATES, August 21, 2025 /EINPresswire.com/ -- Sherry M. of Blytheville, AR is the creator of the Toothpaste Pump, a dispensing mechanism engineered to improve the way toothpaste is delivered, offering a more controlled, sanitary, and user-friendly alternative to traditional squeeze tubes. The system reduces mess, eliminates waste, and provides consistent dispensing through a lever-operated pump system.

Standard toothpaste tubes are prone to inefficiency and inconvenience, often requiring repeated squeezing and rolling to extract the remaining product. They can also create sink messes and contribute to waste since they are not refillable. The Toothpaste Pump addresses these issues by

providing a refillable upright dispenser with an integrated pump and, alternatively, a detachable pump compatible with pressurized toothpaste containers. Both systems are designed for one-handed operation to improve daily hygiene routines and reduce frustration.

The first embodiment consists of a refillable plastic container with an integrated reservoir and pump mechanism. Users apply downward pressure on the dispenser head to deliver a controlled quantity of toothpaste directly onto a toothbrush. The second embodiment utilizes a detachable pump that attaches to pre-pressurized toothpaste cylinders. Once secured, the seal is broken to enable effortless dispensing through the same lever mechanism. These designs improve convenience while minimizing mess and waste compared to conventional toothpaste packaging.



Key features of the system(s) include:

- Two Functional Embodiments: offers both a refillable pump reservoir and a detachable pump compatible with pressurized toothpaste cylinders.
- Controlled Dispensing: provides consistent amounts of toothpaste with each use for eliminating overuse and waste.
- One-Handed Operation: an upright, lever-operated mechanism allows for quick and accessible dispensing.
- Reduced Mess and Cleaning Effort: prevents residue buildup and sink stains common with traditional toothpaste tubes.
- Refillable and Sustainable Design: extends product lifespan and reduces environmental impact by eliminating disposable squeeze tubes.

This product delivers a refined and user-centric approach to personal hygiene by combining ease of use, hygienic dispensing, and sustainability. Its dual design options make it adaptable for both consumer and commercial applications, including household use, hotels, and healthcare environments.

Sherry filed her Utility Patent with the United States Patent and Trademark Office (USPTO) and is working closely with [InventionHome](#), a leading invention licensing firm, to sell or license the patent rights to her Toothpaste Pump product. Ideal licensing candidates would be U.S. based product manufacturers or distributors looking to further develop and distribute this product innovation.

Companies interested in the Toothpaste Pump can contact InventionHome at member@inventionhome.com. Inventors currently looking for assistance in patenting, marketing, or licensing their invention can request information from InventionHome at info@inventionhome.com or by calling 1-866-844-6512.

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