

InventionHome® Product Developers Create Portable Overnight Degreasing System for Commercial and Private Kitchens

PITTSBURGH, PA, UNITED STATES, March 10, 2025 /EINPresswire.com/ -- Gregory A. and James T. of Portland, OR are the creators of the Grease Coffin, an innovative portable overnight degreasing system that streamlines kitchen maintenance while doubling as a rolling prep station. This versatile soak tank solution offers an affordable and highly efficient way for commercial and private kitchens to clean appliances and utensils, saving both time and labor.

The Grease Coffin is designed to tackle the heavy carbon and grease buildup that accumulates throughout the day on kitchen appliances such as hood filters, fryer baskets, oven racks, and stove parts. Traditional cleaning methods can be time-consuming, ineffective, and costly—often requiring outside cleaning services. With the Grease Coffin, kitchen staff can now clean their utensils and appliances overnight with minimal effort.

Key features of the Grease Coffin include:

- **Sloped Floor Drainage:** unlike conventional soak tanks, the device features a slanted floor with a bottom drain hole, ensuring complete liquid removal and ease of cleanup.
- **Built-in Agitation System:** the system includes an air pump and hoses that create gentle,



The Grease Coffin, A Portable Overnight Degreasing System aims to offer a better, **more affordable** soak tank to the billions of commercial and private kitchens worldwide by introducing a device that is different in several ways that have earned it a patent from the USPTO.

A BRIEF SUMMARY

A) A sloped floor for complete drainage.



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constant agitation for expediting the degreasing process.

- **Optional Disposable Liner Bags:** these liners eliminate the need for manual cleaning of the tank. People can simply dispose of the bag after use.
- **Dual Functionality:** when not used as a soak tank, the system transforms into a rolling prep station with a protective cover and recessed cutting board for increased kitchen efficiency.
- **Heater Compatibility:** an optional heater can be used without the liner bag to further accelerate degreasing.

Specifically, the agitator pump is positioned within the soak tank or on top of the tank lid with the hoses entering the tank through portals in the lid to agitate the cleaning solution. The soiled items are inserted into the soak tank and remain in the locked soak tank overnight (6 to 8 hours) when they are removed, rinsed off, and reinstalled. Furthermore, the soak tank's slanted floor funnels fluid from the interior into a pipe that connects to a valve on the bottom floor of the tank. Fluid is removed from the system through the valve and then the empty liner bag is disposed.

Kitchen efficiency is critical, especially in commercial settings where staff work long hours under tight schedules. The Grease Coffin not only provides an effective cleaning solution but also reduces operational costs and eliminates the need for external cleaning services. By implementing the system, kitchens can maintain a sanitary cooking environment, comply with health regulations, and reduce the risk of fire hazards associated with grease buildup. Regular use of this system also extends the lifespan of hood filters, fryer baskets, and other kitchen components, resulting in significant long-term savings.

Gregory and James were issued their Utility Patent from 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 their Grease Coffin product. Ideal licensing candidates would

B) Drain hole on floor bottom rather than front wall... for complete drainage.



C) Designed to be conveyed by a utility cart which easily moves the tank throughout the kitchen environment, allows the outlet valve to be 15+” off the floor to permit easy drainage into floor drains, slop sinks, et al.

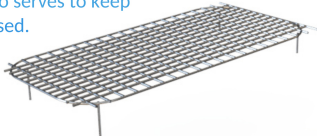
The utility cart also carries an air pump (aquarium), the hoses of which, when submerged, produces constant gentle agitation. This agitation of the degreaser bath plus time (overnight) expedites the cleaning process in much the same way as heating units with stainless steel tanks, but at a much lower price point.




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D) Optional disposable liner bag eliminates rinse out after draining

E) Grate. A slated grate creates a level bottom surface on which to place kitchen items. This is created by 2” feet on the front of the grate to compensate for the sloped floor. The grate also serves to keep optional bag stationary if used.



F) Dual Function as a Prep station. Switching the top lid cover used for soaking to a green cover lid converts the GC to a rolling prep station. After hose rinse out (or removing disposable liner), cover green lid with a waterproof material eg. tarp or oil cloth. Then place a large cutting board mat and any size cutting board to create a prep station.



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be U.S. based product manufacturers or distributors looking to further develop and distribute this product innovation.

Companies interested in the Grease Coffin 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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G) Easy Storage. The GCPODS can be stored underneath sinks or dish washer drain board if utility cart is needed for other purposes.



Every other week cleaning of hood filters can reduce vendor costs of hood system cleaning by half or more. Ten minutes or so by staff at closing and opening can make the cleaning of other hard to clean items eg oven racks, fryer baskets, and bake wear quick and easy.

H) Cost

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