FOOD WASTE COLLECTION SYSTEM (FWCS)

PATENT ABSTRACT

PREPARED: TNG INVENTION

The present way of collecting food waste from all food & beverages outlet in Singapore uses the black trash bag and are all collected and kept in the rubbish bins for disposal.

Common problems are torn trash bag with dripping of waste fluid during transportation, resulting in bad smell, hygiene issues, growth of bacteria around the waste collection premises. The current way of disposing the food waste is laborious and the unwanted waste maybe a health hazard to the waste food handler.

The invention of **Food Waste Collection System (FWCS)** deploys the usage of **Enclosed Collection Tank** and all the waste food is been transferred via **Vacuum Process/Action**.

The **enclosed collection tank** will contain all the unwanted waste fluid and eliminate most of the bad smell from the waste collection centre, it will also keep pest like cockroaches away by shutting them out of the reach of waste food.

Vacuum process/action will reduce the needs of manual disposing of waste food from rubbish bin by the handler, thus keeping them from potential health hazard.

FWCS transfer the food waste from the F&B tenants' food waste bin into the enclosed collection tank, which in turn, will be collected by the truck, all via vacuuming process/action.

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