

ABSTRACT

AIR PURIFYING APPARATUS, METHOD & SYSTEM

An air-purifying apparatus draws in an airflow from an ambient environment, kills germs in the airflow within the apparatus and expels the airflow purified back into the environment. The apparatus has a housing with an interior chamber. An airflow enters the chamber through an inlet. From the interior chamber, the airflow is expelled through an outlet. The apparatus has an airflow-germ-killing-system that kills germs in the airflow. The apparatus has an airflow-generator which causes the airflow to flow from the inlet to the outlet. In an aspect of the invention, the apparatus has a three-dimensional filter structure that has air-filter-surfaces that define a filter interior region and encompassed by the air-filter-surfaces of the filter structure. The filter is positioned in connection with the inlet so that airflow entering the inlet is dispersed into the housing interior chamber in multiple directions exclusively through the air-filter-surfaces of the three-dimensional filter structure.

[Fig. 3]