

(54) Title of the invention : AN ULTRAVIOLET AIR FLOW DISINFECTION SYSTEM

(51) International classification :A61L0002100000, A61L0009200000, C02F0009000000, C02F0001440000, C02F0001320000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The present invention relates to an ultraviolet air flow disinfection system. The preferred embodiment of the present invention, utilizing components such as filters, UV-C lamps [103], and inlet pipes (which are spiral in shape). The inlet is connected to the input side Fan or Air pump [107], which transports air into the tubes. A pre-filter [106] eliminates dust and air pollutants from the air, and an activated carbon filter [105] removes gases and odours from the air. This air is then transmitted to the tube, which includes numerous UVC lamps [103]. When these lights come into touch with UV rays, they kill all microbes, bacteria, and other pathogens.

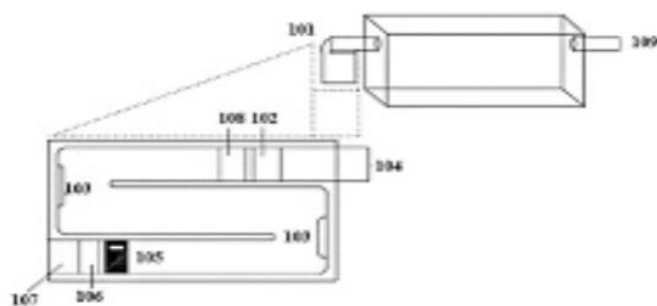


Figure 1

No. of Pages : 9 No. of Claims : 6