

AN AIR FILTRATION SYSTEM

5 **Abstract**

Apparatuses have been built for containing specific species of plants for removal of specific Volatile organic compounds from air being displaced therethrough. However, the effectiveness of such apparatuses may be impeded when used in an environment where dust and particle content in the air is high. An embodiment of the invention
10 herein describes a filtration system comprising a conduit fluid communicating a plant support structure to a container for containing water. An actuator displaces air through the conduit and through water contained in the container when exiting the air exits the conduit. The plant support structure is disposed for enabling coinciding of the air travelling away from the water with plants and growth medium supported thereby for
15 substantially removing pollutants therefrom upon contact of the air with the plants and the growth medium.

20 **Figure 2**



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