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(54) Title: DISINFECTING AIR FILTRATIONS SYSTEM CONFIGURATION

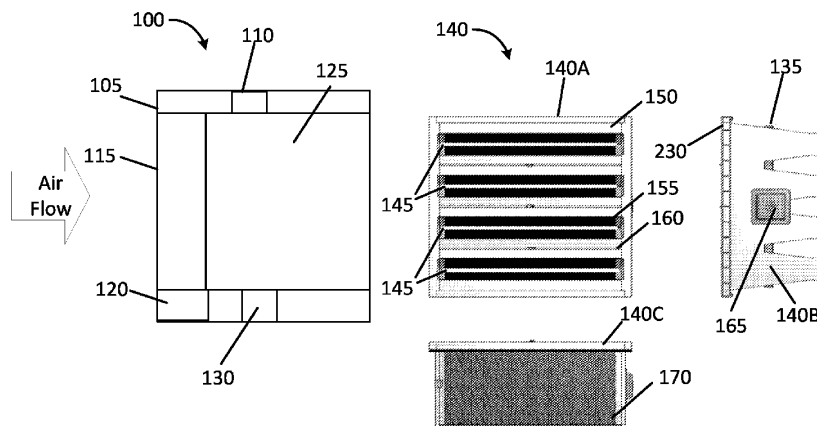


FIG. 1

(57) **Abstract:** Methods and apparatus of the present disclosure monitor and change operation of an air filtering system or apparatus dynamically over time. Changes to the air filtering apparatus may be associated with a type of facility and air purity requirements associated with the type of facility. Examples of different types of facilities include an office building, a clean room, and a hospital. Apparatus of the present disclosure may include conventional air filters and may include disinfecting air filter sub-assemblies that use a high voltage to charge particles in the air such that those particles may conglomerate and be captured more easily in an air. Methods consistent with the present disclosure may change an air flow rate or may change the voltage used to charge the air particles as conditions associated with the air of a facility change over time.

[Continued on next page]

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