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(57) Abstract :

The present disclosure pertains to a system (100) to control appliance associated with a space. The system (100) includes an appliance (102), an actuator (104), a set of sensors (106) like thermal sensor grid and a controller (108). The thermal sensor grid is mounted on a ceiling of a space like room, hall, and the likes, where the thermal sensor grid can be operatively coupled or interfaced with the controller (108). When heat signature associated with an entity is sensed by the thermal sensor grid in a pre-defined region of the space, the controller (108) facilitates switching on the appliance (102) like fan, but not limited to the likes automatically and configured to switch the fan off when no heat signature associated with the entity is sensed in the pre-defined region of the space or when no entity is present in the pre-defined region associated with the appliance (102).

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