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(57) Abstract :

The present disclosure pertains to intelligent platform edge door (PED) 102, a system 100 is coupled with the PED 102 that enables to fully sanitize each of the user passing through it. Also, the system 100 is configured to scan the user, and determine microorganism on various parts of body of the user, and disinfect only that part by providing a required amount of disinfectant based on the microorganism found, thus reduce wastage of disinfectant. Further, the PED 102 can be unlocked, when the person is fully sanitized, and body temperature of the user is within a pre-defined range, to prevent spreading of contagious disease.

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