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(51) International classification	:A61L0002100000, A61L0002200000, A61L0002240000, A61L0002040000, G01V0005000000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(57) Abstract :

The present disclosure pertain to a sterilizing system for objects. The system 100 includes a first set of sensors 102 configured to detect one or more objects, and correspondingly generate a first set of signals a screening, and disinfecting unit 108, configured to scan one or more luggage parameters associated with the one or more objects, and correspondingly generate a second set of signals a sterilizing unit 104, a sanitizing unit 110 and a processing unit 106. The processing unit 106 is configured to extract a third set of signals from the first set of signals, and a fourth set of signals from the second set of signals, and generate, and transmit a set of control signals based on the extracted third set of signals, to any or a combination of the screening, and disinfecting unit, the sterilizing unit, and the sanitizing unit, to perform scanning, sterilization, and sanitization of the one or more objects.

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