

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011024084 A

(19) INDIA

(22) Date of filing of Application :09/06/2020

(43) Publication Date : 10/12/2021

(54) Title of the invention : DECONTAMINATION APPARATUS FOR SANTIZATION

(51) International classification	:A61L0002100000, A61L0002240000, G06K0009000000, A61L0002200000, H02M0001320000	(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
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)LAL, Anshuman</b>
(33) Name of priority country	:NA	<b>2)KHOSLA, Charu</b>
(86) International Application No	:NA	<b>3)AHUJA, Sachin</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a decontamination apparatus 100 for sanitizing one or more entities, where the one or more entities can include subject, object, human and animals. The apparatus 100 can include an inlet, an outlet, one or more compartments 202-1, 202-2, and 202-3 which can include a detection unit 102 to detect the one or more entities, at least one sanitizing unit 104 configured to hold one or more sanitizing elements, a control unit 106 operatively coupled to the detection unit 102, and configured to operate the at least one sanitizing unit 104, which include sanitizing elements. The sanitizing elements can include disinfectants, 104-1 ultraviolet (UV) sources, 104-2 and dryer assembly 104-3 to sanitize the one or more entities when the more or more entities pass from inlet to outlet of the apparatus 100.

No. of Pages : 18 No. of Claims : 10