

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111029009 A

(19) INDIA

(22) Date of filing of Application :29/06/2021

(43) Publication Date : 15/12/2023

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING SPREAD OF INFECTIOUS DISEASE

(51) International classification	:B05B0011000000, A47K0005120000, G08B0021240000, G09B0019000000, A61L0002180000	(71)Name of Applicant : 1)CHITKARA INNOVATION INCUBATOR FOUNDATION Address of Applicant :SCO: 160-161, SECTOR – 9C, MADHYA MARG, CHANDIGARH – 160009, INDIA Chandigarh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Rahul Goel
(33) Name of priority country	:NA	2)Aditya Dubey
(86) International Application No	:NA	3)Priyanka Malhotra
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 :

Title: SYSTEM AND METHOD FOR CONTROLLING SPREAD OF INFECTIOUS DISEASE ABSTRACT A system (100) for controlling spread of infectious disease, wherein the system (100) comprising: a first motion sensor (102) to sense a first level of infrared radiations emitted by a user while entering corresponding public premises; a sanitizer dispenser (110) to pump a sanitizing solution; a control unit (120) configured to: receive the first sensed level of infrared radiations from the first motion sensor (102); compare the first sensed level of infrared radiations with a pre-defined level; activate a temperature sensor (106) to sense a temperature of the user, when the first sensed level of infrared radiations is equal to the pre-defined level; enable the sanitizer dispenser (110) to pump a pre-defined quantity of the sanitizing solution, when the sensed temperature lies in a threshold range of temperature; and actuate a first servo motor (112) to open an entrance gate of a room of the corresponding public premises. Claims: 10; Figures: 6 Figure 1 is selected.

No. of Pages : 30 No. of Claims : 10