

(54) Title of the invention : AUTOMATIC DISPENSING OF HAND SANITIZER WITH TEMPERATURE AND PULSE OXIMETER MEASUREMENT

<p>(51) International classification :A61B0005145500, G16H0050800000, E05B0001000000, G06Q0050000000, G06Q0010060000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)Kaviyaraj R</b> Address of Applicant :5/249, RMK Nagar, 3rd Street, New Dharapuram Road, Palani. -----</p> <p><b>2)Mr.R.Satheeshkumar</b> <b>3)Mrs.S.Suganya</b> <b>4)Dr.S.Thirunavukkarasu</b> <b>5)Dr.G.Balaji</b> <b>6)Dr.S.Rathinavel</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Mr.R.Satheeshkumar</b> Address of Applicant :AP/EEE/ Paavai Engineering College -----</p> <p><b>2)Mrs.S.Suganya</b> Address of Applicant :AP/EEE/ Paavai Engineering College -----</p> <p><b>3)Dr.S.Thirunavukkarasu</b> Address of Applicant :ASP/EEE/ Paavai Engineering College -----</p> <p><b>4)Dr.G.Balaji</b> Address of Applicant :Prof &amp; Head/ Paavai Engineering College -----</p> <p><b>5)Dr.S.Rathinavel</b> Address of Applicant :Assistant professor/EEE Paavai engineering college -----</p> <p><b>6)D.Thirukkumaran</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p> <p><b>7)N.Vishnu kumar</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p> <p><b>8)R.Aravindh</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p> <p><b>9)S.Naveen</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p> <p><b>10)M.Thangadurai</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p> <p><b>11)M.Gowtham</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p> <p><b>12)R.Mogiladevi</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p> <p><b>13)N.Priyanka</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p> <p><b>14)M.Gayathri</b> Address of Applicant :Student/EEE/ Paavai Engineering College Namakkal -----</p>
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(57) Abstract :  
The project proposes to overcome the difficulty in screening the people in-front of entrance during the COVID pandemic. In this situation, we need to screen every people in the entrance of public places to avoid the virus spread. Most commonly, people are screened based on the body temperature. The temperature measurement is taken by the security and he will spray the sanitizer to the person. It may take more time and it is too risky to manage the crowd. The proposed project overcomes the above issue. The novelty of this project is screen the person by themselves and the machine will dispense the sanitizer. In addition,the pulse oximeter is incorporate with this automated machine.

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