

(54) Title of the invention : SYSTEM AND DEVICE FOR SMART DIGITAL THERMOXIMETER

<p>(51) International classification :A61B0005010000, A61B0005145500, A61B0005000000, A61B0005020500, A61B0005110000</p> <p>(86) International Application No :NA Filing Date :NA</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 :</p> <p>1)Chitkara University Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)THAPA, Komal Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p> <p>2)KAUR, Harpreet Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p> <p>3)VERMA, Nitin Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p> <p>4)SHARMA, Ameya Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p> <p>5)PURI, Vivek Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p> <p>6)BHANDARI, Neha Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p> <p>7)RANI, Lata Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p> <p>8)PRASHAR, Shivendu Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. -----</p>
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(57) Abstract :

The present disclosure provides a system, and device for measuring body temperature and oxygen level of a user (102). The system comprises of a blood oxygen measurement module (304) measures a current oxygen level of the user, a temperature measurement module (302) to sense a current body temperature of the user, and a network module (106) coupled to an alert unit (214), wherein the alert unit sends an information through a message to one or more computing devices (108) wherein, the alert signal may be indicative of any critical current body temperature and the current Oxygen level of the user based on the pre-set threshold value and pre-set configuration rules pertaining to the device.

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