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<p>(51) International classification :A61B 050000, A61B 050100, A61B 050205, A61B 050800, A61B 051450</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)Chitkara University</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p> <p><b>2)Chitkara Innovation Incubator Foundation</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Ms. Shikha Prasher</b> Address of Applicant :ME scholar, Chitkara University Institute of Engineering &amp; Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p> <p><b>2)Dr. Leema Nelson</b> Address of Applicant :Assistant Professor, CURIN, Chitkara University Institute of Engineering &amp; Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p> <p><b>3)Dr. Ahila SC</b> Address of Applicant :Professor, Department of Prosthodontics, SRM Dental College, Ramapuram, Bharathi Salai, Chennai, Tamil Nadu-600089, India Chennai -----</p> <p><b>4)Dr. Madhusundar.N</b> Address of Applicant :Research scholar Saveetha School Of Engineering Chennai, Tamil Nadu-602105, India Chennai -----</p>
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(57) Abstract :

ABSTRACT NON-INVASIVE NEONATAL HEALTH MONITORING SYSTEM AND DEVICE THEREOF The present invention provides a health monitoring system (1000) for a neonate which comprises a band (100) and a computing module (200). The band (100) has a microchip (102) connected to a wireless communication device (104) and a sensor (106) configured to capture images of skin of the neonate. The computing module (200) is configured to store the images of skin of the neonate transferred by the sensor (106) and predicts the levels of test analyte thereby predicting the health condition of the neonate in real-time. A health monitoring device (2000) for a neonate is also disclosed. Figure 1

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