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<p>(51) International classification :A61B0005000000, A61B0005145000, A61M0005168000, A61P0003100000, H04L0067109700</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 : 1)SILAMBARASU CHINNU Address of Applicant :APPLYING PATENT ----- 2)DR RASHMI AGNIHOTRI 3)MS. RITU VERMA 4)MS.PUNITHA.K 5)DR.JOHN GLITUS 6)MS DIVYAPRIYA .V 7)DR. RISHABH KUMAR 8)MR.THEJA B C 9)DR.MEHEV KHANAM 10)DR VELLADURAI NARAYANAN Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)SILAMBARASU CHINNU Address of Applicant :APPLYING PATENT ----- 2)DR RASHMI AGNIHOTRI Address of Applicant :ASSOCIATE PROFESSOR DEPARTMENT OF OBG NURSING , TEERTHANKER MAHAVEER COLLEGE OF NURSING,TEERTHANKER MAHVEER UNIVERSITY MORADABAD MORADABAD ----- 3)MS. RITU VERMA Address of Applicant :ASSISTANT PROFESSOR MEDICAL SURGICAL NURSING SHARDA SCHOOL OF NURSING SCIENCE AND RESEARCH SHARDA UNIVERSITY GREATER NOIDA GREATER NOIDA ----- 4)MS.PUNITHA.K Address of Applicant :PROFESSOR, CHILD HEALTH NURSING SREE BALAJI COLLEGE OF NURSING, BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, NO.7, CLC WORKS ROAD, CHROMPET, CHENNAI -600044 NATIONALITY: INDIA STATE: TAMIL NADU DISTRICT: CHENGALPATTU CITY: CHENNAI CHENNAI ----- 5)DR.JOHN GLITUS Address of Applicant :PRINCIPAL VASANTRAO NAIK COLLEGE OF NURSING JALNA BEHIND NUTAN VIDYALAYA OLD JALNA JALNA DIST PIN 431203 MAHARASHTRA STATE JALNA ----- 6)MS DIVYAPRIYA .V Address of Applicant :ASSITANT PROFESSOR , MSC NURSING (MENTAL HEALTH NURSING) GOVERNMENT COLLEGE OF NURSING BRD MEDICAL COLLEGE CAMPUS GORAKHPUR U.P GORAKHPUR ----- 7)DR. RISHABH KUMAR Address of Applicant :PROFESSOR SPECIALITY- MEDICAL SURGICAL NURSING COLLEGE NAME- KESHLATA COLLEGE OF NURSING BAREILLY FULL ADDRESS WITH PIN CODE- KESHLATA HOSPITAL CAMPUS, STADIUM ROAD, DELAPEER, BAREILLY, PIN CODE- 243122 BAREILLY ----- 8)MR.THEJA B C Address of Applicant :DESIGNATION: LECTURER SPECIALITY : MEDICAL SURGICAL NURSING COLLEGE NAME: NITTE USHA INSTITUTIONS OF NURSING SCIENCES (MANGALORE) FULL ADDRESS WITH PIN CODE: BETTADAPURA, PERIYAPATTANA TALLUK, MYSORE DISTRICT, PINCODE: 571102 MYSORE ----- 9)DR.MEHEV KHANAM Address of Applicant :PROFESSOR ROHILKHAND COLLEGE OF NURISNG ,ROHILKAND MEDICAL COLLEGE CAMPUS,PILIBHIT BY PASS ROAD, BAREILLY, BAREILLY DISTRICT, PIN - 243006. BAREILLY ----- 10)DR.G.GEETHAVANI, Address of Applicant :ASSOCIATE PROFESSOR,MEDICAL SURGICAL NURSING,SREE VIDYANIKETHAN COLLEGE OF NURSING, SREESAINATH NAGAR, RANGAMPET, TIRUPATI - 517102,ANDHRAPRADESH, TIRUPATI ----- 11)DR VELLADURAI NARAYANAN Address of Applicant :PROFESSOR MENTAL HEALTH NURSING ROHILKHAND COLLEGE OF NURSING, RMCH CAMPUS, PHILIBHIT BYPASS ROAD, BAREILLY BAREILLY -----</p>
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(57) Abstract :

The invention provides a wearable CGM system integrated with AI algorithms for real-time insulin dose recommendations in diabetic care. It comprises a glucose sensor, AI engine, nurse dashboard, and cloud storage. The system empowers nurses to make accurate insulin-related decisions, enhances glycemic control, and reduces complications in diabetic patients. This AI-integrated solution is ideal for modern healthcare environments requiring continuous and intelligent monitoring.

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