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(54) Title of the invention : AI ENABLED SMART TAB FOR MEDICAL PRESCRIPTION AND ASSISTANCE

(51) International classification : G16H0050200000, G16H0010600000, A61B0005000000, G16H0020100000, G16H0040670000	(71)**Name of Applicant :** 1)**Chitkara University** Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----------- ----------- 2)**Chitkara Innovation Incubator Foundation** **Name of Applicant : NA** **Address of Applicant : NA** (72)**Name of Inventor :** 1)**Dr. Bhisham Sharma** Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----------- ----------- 2)**Dr. Manoj Gaur** Address of Applicant :AIT, Chandigarh University, Mohali-140413, Punjab, India Mohali ----------- -----------
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(57) Abstract :

ABSTRACT AI enabled smart tab for medical prescription and assistance The present disclosure describes AI enabled smart tab for medical prescription and assistance for reliable and timely medical assistance option during critical medical situations, regardless of time or location. It comprises of camera 102, temperature measurement sensor 104, sensor unit 200, artificial intelligence module 300, user interface 302, treatment recommendation module 304, memory storage 400 comprising of patient database 402 and home remedies database 404 and connectivity module 500. It serves as a comprehensive system that seamlessly integrates visual data capture, temperature measurement, and vital sign monitoring to offer a holistic view of the patient's condition. Its advanced AI system processes the data in real-time to generate precise diagnoses and personalized treatment recommendations for the patient in emergency situations.

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