

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2024

(21) Application No.202411104861 A

(43) Publication Date : 10/01/2025

(54) Title of the invention : TELEMEDICINE AND TELEPATHY FOR PERSONALITY DISORDER ASSESSMENT USING DIGITAL TWINS AND HOLOGRAPHIC DISPLAY

(51) International classification :G16H0040670000, G16H0050200000, G16H0010600000, G06N0020000000, A61B0005000000

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(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)Ms. Muskan Dixit
Address of Applicant :Student, Chitkara University Research and Innovation Network, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India, 140401 Rajpura -----
--
2)Ms. Muskan Chawla
Address of Applicant :Research Scholar, Chitkara University Research and Innovation Network, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India, 140401 Rajpura -----

3)Mr. Sunny Singh
Address of Applicant :Assistant Director, Chitkara University Research and Innovation Network, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India, 140401 Rajpura -----

(57) Abstract :
The present disclosure introduces a telemedicine and telepathy for personality disorder assessment using digital twins and holographic technologies 100 to enhance mental healthcare. It incorporates a digital twin technology module 102 that creates dynamic virtual replicas of patients for real-time analysis. A telepathic communication interface 104 enables thought-based interactions, while a holographic display system 106 projects lifelike 3D representations of the patient's digital twin. AI-powered real-time analysis tools 108 process behavioral and emotional data. Data collection system 110 aggregates patient information, feeding into the digital twin module. A secure data storage and privacy system 112 ensures encryption and compliance with privacy standards. The patient interaction and assessment module 116 integrates communication and visualization for comprehensive evaluations, and a treatment recommendation system 118 generates personalized care plans. Additional components are microcontroller 120, feedback and continuous learning system 122, scalability and integration layer 124, and training and support module 126. Reference Fig 1

No. of Pages : 22 No. of Claims : 10