(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2026

(21) Application No.202631121544 A
(43) Publication Date : 16/10/2026

(54) Title of the invention : An electronic multilingual patient case-taking and clinician-verified longitudinal health-record system

(51) International classification	:G16H 10/60, G16H 50/70, G06F 17/30, G16H 50/20, G06F 16/33
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	: :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Swami Vivekananda University
Address of Applicant :Swami Vivekananda University, Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, Kolkata, WestBengal – 700121, India. West Bengal India
(72)**Name of Inventor :**
1)Mr. Piyas Ghosh
2)Mr. Ananyo Mazumdar
3)Dr. Priyajit Banerjee
4)Dr. Suranjana Sarkar
5)Mr. Saurabh Adhikari

(57) Abstract :
A multilingual electronic patient case-taking and clinician-verified longitudinal health-record system (100) acquires spoken or textual patient responses and medical-document images. Speech recognition, language normalization and optical character recognition produce candidate clinical information while retaining original-response and source-document associations. A conversational engine selects follow-up questions from encounter state, and a case-summary generator presents source-linked provisional entries to an authenticated clinician for acceptance, correction or rejection. A server-enforced verification boundary prevents unapproved machine-derived information from entering a verified clinical database. Approved information is incorporated into a chronological patient record. The system additionally supports practitioner-guided Dashavidha Pariksha fields, configured safety-event escalation, access control, consent, audit recording and authorized health-data interoperability. The technical arrangement maintains traceability between heterogeneous input sources, clinician dispositions and persistent patient-record events.

No. of Pages : 27 No. of Claims : 10