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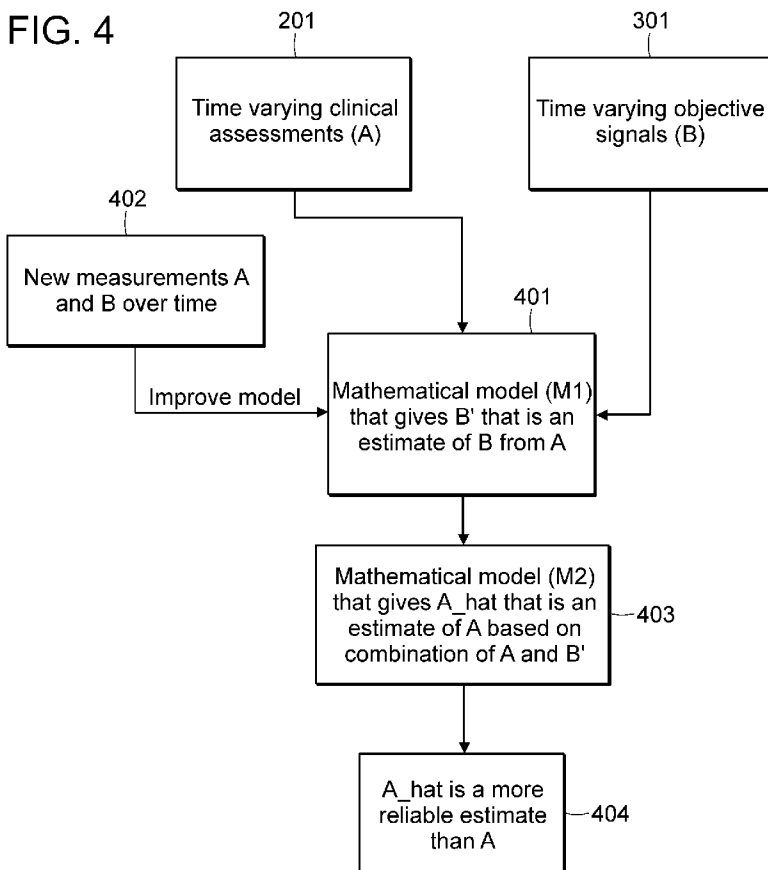
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[Continued on next page]

(54) Title: METHODS AND SYSTEMS FOR PERFORMING A CLINICAL ASSESSMENT



(57) Abstract: The invention provides methods and systems for performing clinical assessment of a patient that includes determining of a base clinical assessment for the patient by generating information on a clinical rating scale. At least one objective signal is recorded, and each objective signal involves an indicator corresponding to the state of the patient or the state of the patient's environment. Each objective signal is analyzed for generating a corresponding rating on the clinical rating scale. The clinical assessment of the patient may be provided by combining the information from the base clinical assessment with the information generated from analysis of each objective signal. In an embodiment, the clinical assessment may be based exclusively on information generated by analysis of each objective signal. The methods for performing clinical assessment of a patient may also be provided as computer program products having computer readable instructions embodied therein

WO 2008/115927 A3



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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC (8): A61B 5/00; G06F 19/00 (2008.04) USPC: 600/300; 702/19 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 600/300; 702/19 (See keywords below) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Pub WEST (USPT, PGPB, JPAB, EPAB), Google Scholar, Dialog Pro. Search Terms Used: clinical assessment, baseline, rating scale, signal, analysis signal, compare, state condition, neural network, regression, kalman filter, speech sample, IVR, interactive voice, hidden markov, autocorrection, entropy, residual		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	WO 2002/002008 A1 (LEWINSKY et al.), 10 January 2002 (10.01.2002), entire document, especially page 4, ln 32 to page 4, ln 7; page 5, ln 8 to page 6, ln 17; page 6, ln 15 to page 8, ln 7; page 10, ln 10 to page 12, ln 10 and page 33, ln 6 to page 34, ln 15.	1-7, 10-16, 18-19, 39-45, 48-54 and 56-57 ----- 8-9, 17, 20-38, 46-47, 55 and 58-76
Y	US 2006/0025931 A1 (ROSEN et al.), 02 February 2006 (02.02.2006), entire document, especially para [0048]-[0049]; para [0071]; para [0078]-[0082] and [0094].	8-9, 17, 35-38, 46-47, 55 and 73-76
Y	US 2004/0230430 A1 (GUPTA et al.), 18 November 2004 (18.11.2004), entire document, especially Abstract; para [0009]-[0015]; para [0036]-[0042] and [0048]-[0054].	20-38 and 58-76
Y	US 2002/0071277 A1 (STARNER et al.), 13 June 2002 (13.06.2002), entire document, especially para [0030]-[0031].	31 and 69
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774