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(54) Title: SYSTEM AND METHOD FOR ASSESSING EFFICACY OF THERAPEUTIC AGENTS

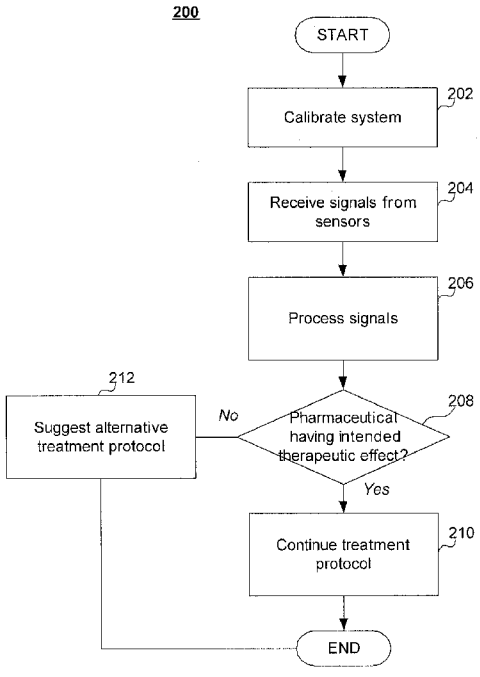


Fig. 2

(57) Abstract: A method for assessing an effect of a therapeutic agent, comprises the steps of detecting brain electrical activity of a subject to generate a first set of brain wave data and extracting from the first set of brain wave data first data features sensitive to a neurological disorder in combination with the steps of comparing the first data features to control data to define a baseline profile of brain electropathophysiology and computing one of a first classifying score and a first discriminant score based on the baseline profile to estimate a probability that the baseline profile corresponds to a predetermined pathophysiological condition.

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS (Kipo internal)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US6067467 A (New York University) 23. 05. 2000 See Claims 1-3,11,19-21 and Abstract.	1-23
A	US6317627 B1 (Physiometrix Inc.) 13.11.2001 See Claims 1-9, 14-17, Figures 1-2 and Abstract.	1-23
A	US20050251419 A1 (SUFFIN, STEPHEN C. et al.) 10.11.2005 See Claims 1-3,13-23,35, Figure 1 and Abstract.	1-23
A	US20040116798 A1 (CANCRO, ROBERT et al.) 17.06.2004 See Claims 1-9 and Abstract.	1-23
A	US6631291 B2 (VIERTIO-OJA, HANNA et al.) 07.10. 2003 See Claims 1,3,28 and Figures 1-4.	1-23

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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