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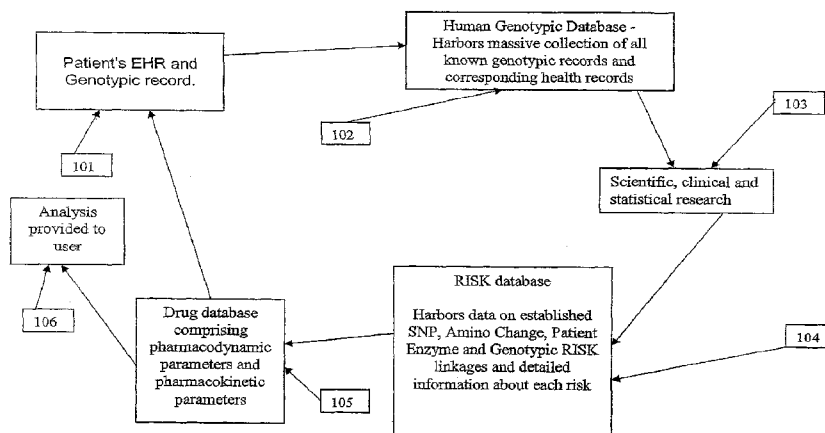




Figure 1

(57) **Abstract:** The present invention is a system and method for utilizing human genetic and genomic information to guide prescription dispensing and improved drug safety in a pharmacy setting. The system and method of the present invention utilizes a dedicated information management system and software to utilize patient-specific genetic information to screen for increased risk of adverse drug reactions and therapeutic responses at the time of drug dispensing.

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INTERNATIONAL SEARCH REPORT

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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 G06F		
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 Japanese 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) eKOMPASS(KIPO internal) & keyword: drug reaction		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/089016 A1 (QED SOLUTIONS, INC.) 07 NOVEMBER 2002 See the abstract; figs.1,2; paragraphs 57-74; claims 1,4,6-8,11,13-15,18,20-22,25,27,28.	1-49
A	US 2002/0095261 A1 (J. Gut, Dario Bagatto) 18 JULY 2002 See the abstract; fig.2; paragraphs 32-69; claim 1.	1-49
A	US 2005/0037366 A1 (Joseph Gut, Hubert Hug, Richard Schindler, Robert Dannecker, Dario Bagatto) 17 FEBRUARY 2005 See the abstract; figs.1-3; paragraphs 16-26; claim 1.	1-49
T	KANE, M. D., SPRINGER, J. A., SPRAGUE, J. E.; Drug Safety Assurance through Clinical Genotyping: Near-term considerations for a System-wide Implementation of Personalized Medicine; PERSONALIZED MEDICINE; 2008, Vol.5, PT.4, pages 387-397. See the whole document.	1-49
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
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