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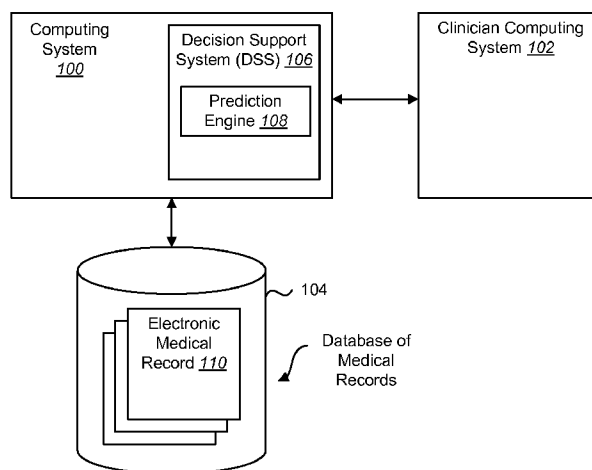
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(57) Abstract: A method for providing information to a clinician regarding a patient's medical problems based upon a combination of the information recorded in the medical record and information omitted from the medical record is described. A patient's medical record is obtained. The medical record may include information regarding the medical conditions experienced by the patient, information from a clinician's observations of treating or testing the patient, and results from tests or therapies administered to the patient. A computer system having a decision support system is used. The decision support system comprises a prediction engine. The decision support system is used to predict conditions or problems omitted from the patient's medical record. These predictions are then provided to the clinician for recording into the medical record.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/85782

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 7/00 (2008.04)

USPC - 707/6

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)

USPC- 707/6

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 600/300; 705/1-3; 707/1-6,104.1

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

USPTO AppFT, PatFT, Google Scholar, Google Patents

Search Terms: medical conditions, tests, electronic medical record, electronic medical history, database, illness, sickness, disease, ROC curve, specificity, Bayesian network

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,523,009 B1 (WILKINS et al.) 18 Feb 2003 (18.02.2003), col 4, ln 12-15; col 4, ln 33; col 4, ln 4-43	1-17
Y	US 6,810,368 B1 (PEDNAULT et al.) 26 Oct 2004 (26.10.2004), col 9, ln 8-9; col 13, ln 20-23	1-17
Y	US 7,117,185 B1 (ALIFERIS et al.) 03 Oct 2006 (03.10.2006), col , ln 36; col 16, ln 47-52	4, 5

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"&" document member of the same patent family

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