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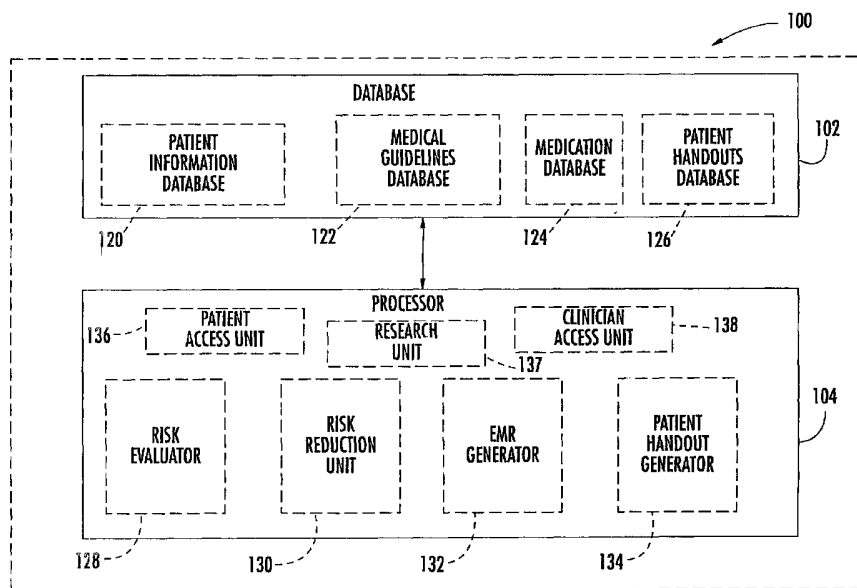
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- (74) Agents: REGAN, Christopher, F. et al.; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 255 South Orange Avenue, Suite 1401, P.O. Box 3791, Orlando, FL 32802-3791 (US).
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- (71) Applicant (*for all designated States except US*): HEALTHHEART, INC. [US/US]; 525 S. North Lake Blvd., Suite 1000, Altamonte Springs, FL 32701 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): DRAZEN, Robert, A. [US/US]; 3242 Tala Loop, Longwood, FL 32779 (US). Published: — with international search report

[Continued on next page]

(54) Title: PATIENT ANALYSIS AND RESEARCH SYSTEM AND ASSOCIATED METHODS



(57) Abstract: The patient analysis and research system and method includes storing a plurality of different medical guidelines for different health conditions, and storing historical patient information data for a plurality of patients. Patient information is collected from users via a global network and evaluated to generate a patient-specific risk report based upon at least one of the different medical guidelines. Also, a physician's patient treatment plan is generated an includes patient-specific recommendations for reducing risk based upon the different medical guidelines, while historical patient information data and patient compliance with the physician's patient treatment plan is correlated to generate outcome-specific research data.



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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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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 7 G06F A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 28460 A (LIFESTREAM TECHNOLOGIES INC ;COAD NOAH M (US); MOODY JAMES L (US);) 18 May 2000 (2000-05-18) abstract page 16, line 19 -page 23, line 22 page 30, line 30 -page 37, line 25 figures 2,9-12,15,25-29 -----	1-28
A	WO 98 40835 A (ILIFF EDWIN C) 17 September 1998 (1998-09-17) cited in the application abstract page 15, line 2 -page 25, line 21 page 27, line 20 -page 34, line 4 page 42, line 33 -page 43, line 20 figures 1-5 -----	1-28

 Further documents are listed in the continuation of box C.

 Patent family members are listed in annex.

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Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

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Jacobs, P

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0028460	A	18-05-2000	AU 2023100	A 29-05-2000
			CA 2350145	A1 18-05-2000
			EP 1133747	A2 19-09-2001
			WO 0028460	A2 18-05-2000
			US 6602469	B1 05-08-2003

WO 9840835	A	17-09-1998	AU 762361	B2 26-06-2003
			AU 6552498	A 29-09-1998
			CN 1252877	T 10-05-2000
			EP 0966719	A1 29-12-1999
			JP 2002512712	T 23-04-2002
			NZ 337954	A 28-09-2001
			NZ 512455	A 31-01-2003
			TW 424188	B 01-03-2001
			US 6234964	B1 22-05-2001
			WO 9840835	A1 17-09-1998
			US 2003036686	A1 20-02-2003
			US 2001012913	A1 09-08-2001
