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(74) Agents: **KELLER, Caroline, L.** et al.; PILLSBURY WINTHROP SHAW PITTMAN LLP, 725 South Figueroa Street, 2800, Los Angeles, CA 90017-5406 (US).

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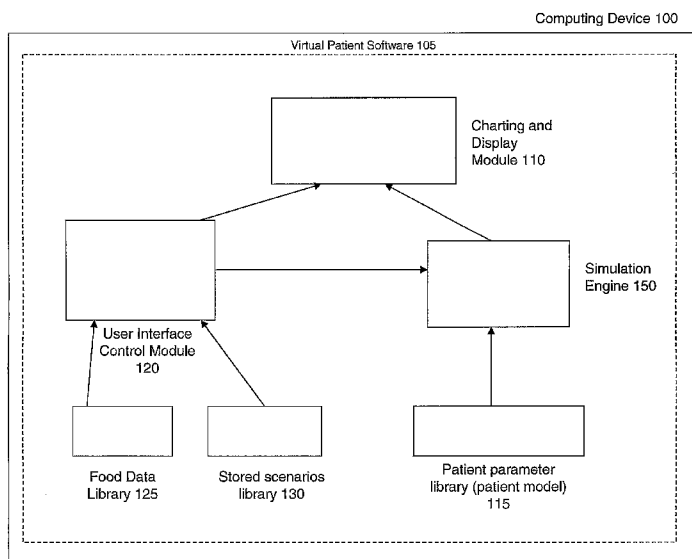
(71) Applicant: **MEDTRONIC MINIMED, INC.** [US/US]; 18000 Devonshire Street, Northridge, CA 91325-1219 (US).

(72) Inventors: **STOCKER, David, N.**; 958 6th Street, Santa Monica, CA 90403 (US). **KANDERIAN, Jr., Sami**; 9810 Zelzah Avenue, Apartment 220, Northridge, California 91325 (US). **CORTINA, Gabriel J.**; 692 Corte Sol, Camarillo, California 93010 (US). **NITZAN, Tamir**; 18344 Oak Canyon Road, Apartment 342, Canyon Country, California 91387 (US). **PLUMMER, Jon**; 838 Arbol Street, Los Angeles, California 90065 (US). **STEIL, Garry M.**; 425 Walso Avenue, Apartment 308, Pasadena, California 91101 (US). **MASTROTOTARO, John J.**;

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[Continued on next page]

(54) Title: VIRTUAL PATIENT SOFTWARE SYSTEM FOR EDUCATING AND TREATING INDIVIDUALS WITH DIABETES



(57) Abstract: A system to assist an individual in developing a therapy in diabetes treatment of a patient includes a user interface control module, a simulation engine, a charting and display module. The user interface control module receives an input related to the patient and captures a current time of the simulation. The simulation engine receives the input, generates a plurality of blood glucose readings for the patient up to the current time of the simulation based on the input, and to transfers the plurality of blood glucose readings. The charting and display module receives the plurality of blood glucose readings and display the plurality of blood glucose readings. The simulation engine receives patient parameters from a patient parameter library based on a selected patient model.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F19/00

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)
G06F

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, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/087506 A2 (ENTELOS INC [US]; BRAZHNİK PAUL [US]; HALL KEVIN [CA]; POLIDORI DAVE [] 7 November 2002 (2002-11-07) paragraph [0093] - paragraph [0100]; figures 6,8A-8H,9,10	1-31
X	BELLAZZI, MAGNI, DE NICOLAIO: "Bayesian Analysis of Blood Glucose Time Series from Diabetes Home Monitoring" IEEE TRANSACTION ON BIOMEDICAL ENGINEERING, [Online] vol. 47, no. 7, July 2000 (2000-07), pages 971-975, XP002414527 Retrieved from the Internet: URL:http://ieeexplore.ieee.org/ie15/10/18376/00846693.pdf?isnumber=&arnumber=846693> [retrieved on 2007-01-09] the whole document	1-31

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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

Authorized officer

Rinelli, Pietro

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		CA 2445598 A1	07-11-2002
		EP 1389998 A2	25-02-2004
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