

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
6 January 2011 (06.01.2011)

(10) International Publication Number  
**WO 2011/002791 A3**

(51) International Patent Classification:  
*G06F 19/00* (2011.01)

(US). STEPHENS, Chris [US/US]; 1034 Ringwood Avenue, Menlo Park, CA 94025 (US).

(21) International Application Number:  
PCT/US2010/040443

(74) Agents: JOHNSON, Philip, S. et al.; JOHNSON & JOHNSON, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(22) International Filing Date:  
29 June 2010 (29.06.2010)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
61/221,840 30 June 2009 (30.06.2009) US  
61/239,945 4 September 2009 (04.09.2009) US

(71) Applicant (for all designated States except US): LIFESCAN SCOTLAND LIMITED [GB/GB]; Beechwood Park North, Inverness IV2 3ED (GB).

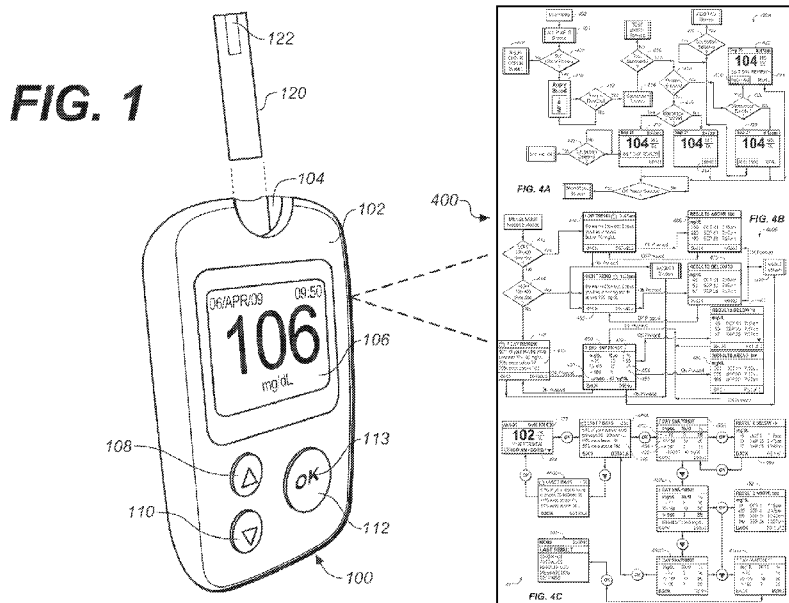
(72) Inventors; and

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(75) Inventors/Applicants (for US only): JERDONEK, Ronald [US/US]; 407 N. Alfred, Alexandria, VA 22314 (US). LONGMUIR, Alistair [GB/GB]; Alexandra Terrace, Forres, Moray-shire IV36 1DL (GB). RAJ, Siv [GB/GB]; 12, Grove Court, Beaconsfield HP9 1QW (GB). MACRAE, Allan [GB/GB]; 20a Culcabock Avenue, Inverness, Inverness Shire IV2 3RG (GB). WESELEY, Lisa [US/US]; 10 Torino Lane, San Carlos, CA 94070

[Continued on next page]

(54) Title: SYSTEMS FOR DIABETES MANAGEMENT AND METHODS



(57) Abstract: Described herein are systems and methods to utilize factual information based on stored blood glucose data to allow greater insight into the management of diabetes of a user.

WO 2011/002791 A3



**Declarations under Rule 4.17:**

- *as to the identity of the inventor (Rule 4.17(i))*
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

**Published:**

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

**(88) Date of publication of the international search report:**  
25 August 2011

INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2010/040443

A. CLASSIFICATION OF SUBJECT MATTER  
INV. G06F19/00  
ADD.  
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

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"ACC-CHEK Complete Owner's Booklet", Roche Diagnostics 2004, XP002636883, Retrieved from the Internet: URL:https://www.accu-chek.com/us/customer-care/downloads.html [retrieved on 2011-05-12] page 8 pages 33-40 pages 46,86	1-36
X	----- US 2009/149717 A1 (BRAUER JACOB [US] ET AL) 11 June 2009 (2009-06-11) paragraphs [0032], [0033], [0037] paragraph [0047] - paragraph [0049] paragraph [0052] - paragraph [0053] -----	1-36

Further documents are listed in the continuation of Box C.

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 document 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 another 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

Date of the actual completion of the international search  
17 May 2011

Date of mailing of the international search report  
05/07/2011

Name and mailing address of the ISA/  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040,  
Fax: (+31-70) 340-3016

Authorized officer  
Daskalakis, T

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2010/040443

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2009149717	A1	11-06-2009	
		AR 066806 A1	16-09-2009
		CA 2707486 A1	18-06-2009
		CN 101896910 A	24-11-2010
		EP 2225685 A1	08-09-2010
		EP 2273400 A1	12-01-2011
		JP 2011505960 T	03-03-2011
		WO 2009075697 A1	18-06-2009
-----			