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(71) Applicant and

(72) Inventor: MILLER, Dale, C. [US/US]; 250 Lake Dale Court, Clemmons, North Carolina 27012 (US).

(74) Agents: CALKINS, Charles, W. et al.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, North Carolina 27101 (US).

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(54) Title: SYSTEMS AND METHODS FOR MANAGING DATA

(57) Abstract: A personalized and privatized method for the composition, distribution and ongoing data management of patient and practitioner surveys or diaries and other key information related to drug and medical clinical trials. The method is composed of a host data management system to manage and distribute standard or custom survey question sets and other information (such as schedules, instructions, and prescribed protocols) and two-way pagers "clients" utilizing custom resident software. The software residing on the two-way pager enables the pagers to receive, format and then transmit responses to survey and diary question sets and other interactions back to the host data management system via a page(s). The two-way pager provides a convenient and completely independent, mobile assessment capability that is able to immediately record and transmit results and interactions back to a data management system for storage, analysis, and auditing. This invention relates to the field of wireless mobile communications, in particular to two-way pager devices or other mobile devices with an operating system (where an operating system can provide the capability to interpret and perform a set of logical codified instructions that are developed for a specific purpose), and more particular to the use of these devices in a unique application.



INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/00748

		101/0	507/00/70		
A. CLASSIFICATION OF SUBJECT MATTER IPC: G06F 15/16(2006.01)					
USPC: 709/203,206 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELI	OS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 709/203,206					
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 practicable, search terms used) Please See Continuation Sheet					
C. DOCU	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a				
Х	US 2003/0204437 A1 (FLENDER et al) 30 October 2003 (30.10.2003), paragraphs [0015]-[0017], [0026], [0032], [0035], [0039]).		[0015]- 7-17		
Υ			1-6 and 18-19		
Y	US 2002/0128860 A1 (LEVEQUE et al) 12 September 2002 (12.09.2002), paragraphs [0044]-[0049], [0066].		phs 1-6 and 18-19		
Α	US 2003/0204436 A1 (FLENDER et al) 30 October 2003 (30.10.2003), whole document.		ıment. 1-19		
Α	US 2003/0069899 A1 (BROWN et al) 10 April 2003 (10.04.2003), whole document.		it. 1-19		
Α	US 2002/0004757 A1 (TORRES et al) 10 January 2002 (10.01.2002), whole document.		nent. 1-19		
Α	US 2002/0016731 A1 (KUPERSMIT) 07 Feburary 2	2002 (07.02.2002), whole docur	ment. 1-19		
Further	documents are listed in the continuation of Box C.	See patent family as	nnex.		
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of			after the international filing date or priority date ne application but cited to understand the lying the invention		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date		"X" document of particular re	levance; the claimed invention cannot be of the considered to involve an inventive step		
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"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the	same patent family		
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17 March 2006 (17.03.2006)		Authorized office MAR 2	nne — — —		
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INTERNATIONAL SEARCH REPORT

International application No.
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	US 2003/0055686 A1 (SATOH et al) 20 March 2003 (20.03.2003), whole document.	1-19
Α	US 6,289,212 B1 (STEIN et al) 11 September 2001 (11.09.2001), whole document.	1-19
Α	US 2001/0031454 A1 (MINTZ) 18 October 2001 (18.10.2001), whole document.	1-19

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/00748

Вох №. П	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This internat	ional search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: 20 because they relate to subject matter not required to be searched by this Authority, namely: Claim 20 recites "A computer readable medium on which is encoded a program code" and is intangible and non-statutory as the Specification defines "computer readable media" as a wireless transmission channel.
2.	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Internat	ional Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. Remark on 1	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee. The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation. No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT	International application No. PCT/US04/00748
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Continuation of B. FIELDS SEARCHED Item 3: EAST, US-PGPUB, USPAT, EPO, e-mail, email, electronic mail, survey, wireless,	clinical, patient, customer, poll, results, internet
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