(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 16 May 2002 (16.05.2002)

PCT

(10) International Publication Number WO 02/039250 A3

(51) International Patent Classification⁷: G06F 19/00

(21) International Application Number: PCT/US01/49664

(22) International Filing Date:

9 November 2001 (09.11.2001)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/248,086

10/008,125

13 November 2000 (13.11.2000) US 5 November 2001 (05.11.2001) US

(71) Applicant: SIEMENS MEDICAL SOLUTIONS USA, INC. [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US).

(72) Inventors: MONTELEONE, Rand; 5 Lincoln Drive, Acton, MA 01720 (US). AUER, John, E.; 9 Lindin Street, Ipswich, MA 01938 (US). GILMAN, Paul; 75 Revere Street, Gloucester, MA 01930 (US).

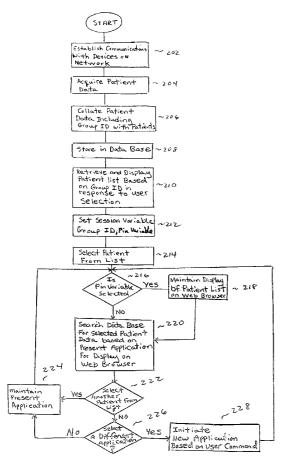
- (74) Agents: BURKE, Alexander, J. et al.; Siemens Corporation Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) Designated States (national): CN, IN, JP, NO.
- (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 16 October 2003

[Continued on next page]

(54) Title: A SYSTEM AND METHOD FOR NAVIGATING PATIENT MEDICAL INFORMATION



(57) Abstract: A network compatible user interface system and method are presented for supporting navigation through patient medical information. The system comprises a communication processor for acquiring a patient group identifier allocated to a grouping of patients and for acquiring medical information associated with the patients. A display generator operates to generate a composite display window incorporating a first window including the patient group identifier and a list of patients in the grouping and a second window for displaying different medical information corresponding to different medical applications. The different medical information is associated with patients within the patient grouping. A display navigation processor maintains the first window display while displaying different medical information in the second window in response to user navigation between the different applications

WO 02/039250 A3

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

Internat Application No PCT/US 01/49664

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 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) $IPC\ 7\ G06F$

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, WPI Data

C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.
X	US 5 713 350 A (ISHIMARU MASAYUKI 3 February 1998 (1998-02-03) abstract; figures 1-20 column 1, line 5-14,45-48 column 2, line 8-59 column 4, line 54 -column 6, line column 7, line 32 -column 8, line column 9, line 3-44 column 11, line 16 -column 12, li column 14, line 29-43	e 31 e 49	1–20
X	US 6 018 713 A (COLI ROBERT D ET 25 January 2000 (2000-01-25) abstract; figures 5-11,19A,19B column 9, line 4-40 column 11, line 8 -column 14, line column 18, line 37 -column 20, li	ne 26	1-7, 12-20
X Furti	her documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.
"A" docume consid "E" earlier of filing of "L" docume which citatio "O" docume other of docume	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but	 'T' later document published after the inte or priority date and not in conflict with cited to understand the principle or th invention 'X' document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the dc cannot be considered to involve an indocument is combined with one or ments, such combination being obvion the art. '&' document member of the same patent 	the application but early underlying the claimed invention to considered to becoment is taken alone claimed invention . It is supported to the control of th
Date of the	actual completion of the international search	Date of mailing of the international se	arch report
2	1 August 2003	27/08/2003	
Name and r	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 Reuss, 구	

INTERNATIONAL SEARCH REPORT

Internat Application No PCT/US 01/49664

C/Camtin	ntion) DOCUMENTS CONCIDENTS TO BE DELEVANT	PC1/US 01/49664
Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 903 889 A (DE LA HUERGA CARLOS ET	1-7,
A	AL) 11 May 1999 (1999-05-11) abstract; figures 1,5A-11 column 1, line 45 -column 2, line 62 column 3, line 30 -column 4, line 42 column 6, line 42-57 column 7, line 34 -column 8, line 24 column 9, line 19 -column 10, line 24 column 10, line 43 -column 11, line 13	12-20
X	US 5 924 074 A (EVANS JAE A) 13 July 1999 (1999-07-13) abstract; figures 5-8,19-21 column 3, line 24-35 column 9, line 15-37	1-7, 12-20
X	MCDONALD C J ET AL: "The Regenstrief Medical Record System: a quarter century experience" INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, ELSEVIER SCIENTIFIC PUBLISHERS, SHANNON, IR, vol. 54, no. 3, June 1999 (1999–06), pages 225–253, XP004171407 ISSN: 1386–5056 abstract; figures 1,2,5–14 page 248, left-hand column	12-16
X	SUNG M Y ET AL: "CoMed: a real-time collaborative medicine system" INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, ELSEVIER SCIENTIFIC PUBLISHERS, SHANNON, IR, vol. 57, no. 2-3, July 2000 (2000-07), pages 117-126, XP004214998 ISSN: 1386-5056 abstract; figures 4-9 page 121 page 124, right-hand column -page 125, right-hand column	12-16

INTERNATIONAL SEARCH REPORT

nation on patent family members

Intern | Application No PCT/US 01/49664

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5713350	· A	03-02-1998	JP JP	3083465 B2 9070390 A	04-09-2000 18-03-1997
US 6018713	Α	25-01-2000	NONE		,
US 5903889	Α	11-05-1999	US US	6345268 B1 6308171 B1	05-02-2002 23-10-2001
US 5924074	Α	13-07-1999	AU WO US US	4603497 A 9813783 A1 6347329 B1 2002046346 A1	17-04-1998 02-04-1998 12-02-2002 18-04-2002