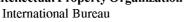
# (19) World Intellectual Property Organization







#### (43) International Publication Date 19 September 2002 (19.09.2002)

### **PCT**

# (10) International Publication Number WO 02/073413 A3

(51) International Patent Classification<sup>7</sup>: G06F 11/34

(21) International Application Number: PCT/IL02/00197

**(22) International Filing Date:** 12 March 2002 (12.03.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/274,658 12 March 2001 (12.03.2001) U

- (71) Applicant (for all designated States except US): NICE SYSTEMS LIMITED [IL/IL]; Hapnina Street 8, P.O. Box 690, 43107 Ra'anana (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HAYNER, Omri [IL/IL]; Nice Systems Limited, 38880 Kfar Hogla (IL). GRUSHKA, Itay [IL/IL]; Nice Systems Limited, Bosmat 4, 73142 Shoham (IL).
- **(74) Agent: G.E. EHRLICH (1995) LTD.**; 28 Bezalel Street, 52 521 Ramat Gan (IL).

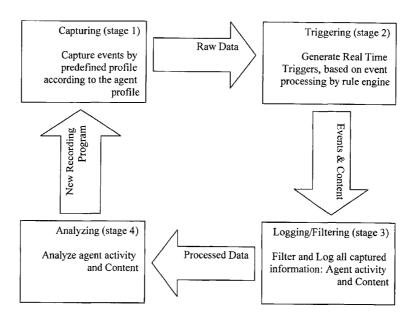
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### 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

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR CAPTURING, ANALYZING AND RECORDING SCREEN EVENTS



(57) Abstract: A system and method for capturing screen events, and processing these events to form data in a data format which is susceptible to analysis. Preferably, the method also comprises analyzing the data in order to extract useful information about the user of the screen and computational device which generated these screen events. More preferably, the method of the present invention is able to assess the quality of the performance of the user whose interaction with the computational device caused the screen events to be generated



## WO 02/073413 A3



# (88) Date of publication of the international search report:

30 October 2003

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

nal Application No PCT/IL 02/00197

# A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F11/34

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, INSPEC, PAJ

C. DOCUMENTS	CONSIDERED TO	O BE RELEVANT
--------------	---------------	---------------

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 5 333 302 A (HENSLEY ET AL) 26 July 1994 (1994-07-26)	1-15, 17-21, 24-29, 31,32,36
	the whole document	
X	US 6 185 514 B1 (SKINNER GARY R ET AL) 6 February 2001 (2001-02-06)	1,3-24, 28,31, 32,34,36
	abstract column 1, line 16 - line 38 column 2, line 62 -column 5, line 61 column 8, line 5 - line 11 column 9, line 27 -column 10, line 41 column 14, line 49 -column 18, line 60; claims 1-9	
	-/	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
"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	<ul> <li>"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</li> <li>"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</li> <li>"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.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
15 August 2003	25/08/2003
Name and mailing address of the ISA	Authorized officer
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	Herreman, G

## INTERNATIONAL SEARCH REPORT

In anal Application No
PCT/IL 02/00197

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °		Relevant to claim No.
X 	US 5 793 948 A (ASAHI TOSHIYUKI ET AL) 11 August 1998 (1998-08-11) column 1, line 45 -column 4, line 43 column 5, line 33 - line 58	1,3,5-9, 11-24, 26-30,36 31
X	column 6, line 31 - line 54 column 7, line 11 -column 8, line 16 column 9, line 8 -column 10, line 29 MAXION R A ET AL: "METRISTATION: A TOOL FOR USER-INTERFACE FAULT DETECTION" 27TH. ANNUAL INTERNATIONAL SYMPOSIUM ON	1,3-9, 28,31, 32,34
	FAULT-TOLERANT COMPUTING. DIGEST OF PAPERS. SEATTLE, WA., JUNE 24 - 27, 1997, PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON FAULT-TOLERANT COMPUTING. (FTCS), LOS ALAMITOS, CA.: IEEE COMP.SOC.PRESS, US, 24 June 1997 (1997-06-24), pages 89-98, XP000785879 ISBN: 0-8186-7832-1 page 92, left-hand column, line 28 -page 94, left-hand column, line 11	
A	CEM SOLUTIONS FOR WEB ENABLED CONTACT CENTERS - A WHITE PAPER, 'Online! March 2001 (2001-03), pages 1-11, XP002251448 Retrieved from the Internet: <url:www.locus.com about="" e.pdf="" file="" nic="" overview=""> 'retrieved on 2003-08-11!</url:www.locus.com>	

## INTERNATIONAL SEARCH REPORT

Information on patent family members

nal Application No
PCT/IL 02/00197

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5333302	Α	26-07-1994	NON		
US 6185514	B1	06-02-2001	US US US US US	5963914 A 5696702 A 2002128803 A1 2002069031 A1 2001003172 A1	05-10-1999 09-12-1997 12-09-2002 06-06-2002 07-06-2001
US 5793948	Α	11-08-1998	JP JP	2626598 B2 8153022 A	02-07-1997 11-06-1996