(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 26 April 2001 (26.04.2001)

PCT

(10) International Publication Number WO 01/29573 A3

(51) International Patent Classification⁷: G08G 1/969, G06F 165/00

(21) International Application Number: PCT/US00/27270

(22) International Filing Date: 4 October 2000 (04.10.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/160,326

19 October 1999 (19.10.1999) U

(71) Applicant (for all designated States except US): AMERI-CAN CALCAR INC. [US/US]; Suite 105, 3511 Silverside Road, Wilmington, DE 19810 (US).

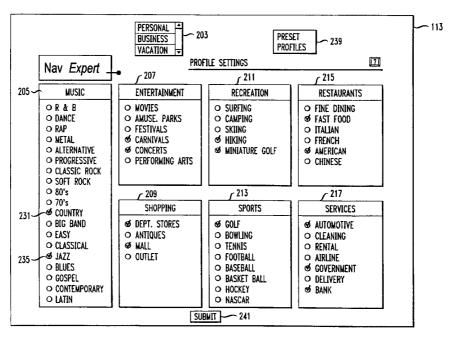
(72) Inventors; and

(75) Inventors/Applicants (for US only): OBRADOVICH, Michael, L. [US/US]; 1904 Aveneda Salvador, San Clemente, CA 92672 (US). PIRTLE, John, D. [US/US]; 29262 Hazelbell, Silverado, CA 92676 (US). SCHEBESCH, Steven, W. [US/US]; 23411 Summerfield #42J, Aliso Viejo, CA 92656 (US).

- (74) Agent: YIP, Alex, L.; Kaye, Scholer, Fierman, Hays & Handler, LLP, 425 Park Avenue, New York, NY 10022 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, 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, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: TECHNIQUE FOR EFFECTIVE NAVIGATION BASED ON USER PREFERENCES



(57) Abstract: In a navigation device (100) in accordance with the invention, user profiles may be stored and used to navigate a user who may be driving in a vehicle, on foot, or in other mode of transportation. Each user profile corresponds to one of the user's personae. For example, the user business profile (113) corresponding to the user's business persona may be different from the user personal profile (203) corresponding to the user's personal persona. For instance, the user business profile may include fine dining type restaurants (215) for business meetings while the user personal profile may instead include fast-food type restaurants for personal dining.



/O 01/29573 A



For two-letter codes and other abbreviations, refer to the "Guid-

ance Notes on Codes and Abbreviations" appearing at the begin-

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

ing the ning of each regular issue of the PCT Gazette. eipt of

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

13 June 2002

INTERNATIC. AL SEARCH REPORT

International application No.
PCT/US00/27270

A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) :G08G 1/969, G06F 165/00				
US CL: 701/200, 202, 208, 211, 340/995 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)				
U.S. : 701/200, 202, 208, 211, 340/995				
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) West				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.	
A,P	US 6,035,253 (HAYASHI et al.)7 MARCH 2000		1-53	
A,P	US 6,128,624 (PAPIERNIAK et al.)03 OCTOBER 2000		1-53	
			-	
i				
l				
ĺ				
Further documents are listed in the continuation of Box C. See patent family annex.				
Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand.			rnational filing date or priority	
"A" doc cor	cument defining the general state of the art which is not insidered to be of particular relevance.	the principle or theory underlying the		
"E" ear	earlier document published on or after the international filing date "X" document of particular relevance; the considered novel or cannot be considered.			
cite	cument which may throw doubts on priority claim(s) or which is ed to establish the publication date of another citation or other	when the document is taken alone "Y" document of particular relevance: the	claimed invention cannot be	
special reason (as specified) O" document referring to an oral disclosure, use, exhibition or other		"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		
me	ans cument published prior to the international filing date but later		being obvious to a person skilled in the art	
than the priority date claimed		Date of mailing of the international search report		
Date of the actual completion of the international search 01 MARCH 2001		01 APR 200 2	rett report	
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231		Authorized officer Arthur D. Donnelly		
· · · · · · · · · · · · · · · · · · ·		Telephone No. (703) 305-0215		