## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 26 May 2005 (26.05.2005)

## (10) International Publication Number WO 2005/048054 A3

(51) International Patent Classification: G06G 1/12 (2006.01) G06Q 30/00 (2006.01) G06Q 20/00 (2006.01)

(21) International Application Number:

PCT/US2004/036927

(22) International Filing Date:

4 November 2004 (04.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 10/705,160

6 November 2003 (06.11.2003)

- (71) Applicant: SIZE TECHNOLOGIES [US/US]; 465-10th Street, Suite 101, San Francisco, CA 94103 (US).
- (72) Inventors: RAY, James, Thomas; 1001 Pine Street #309, San Francisco, CA 94101 (US). CHESLER, Randall, M.; 3509 Dartmouth Avenue, Dalles, TX 75205 (US). ESPAILLAT, Ozzy; 4 Davis Drive, Tiburon, CA 94920 (US). LAMBA, Taranjit; 39800 Fremont Blvd., #166, Fremont, CA 94945 (US).
- (74) Agents: GLENN, Michael, A. et al.; Glenn Patent Group, 3475 Edison Way, Ste. L., Menlo Park, CA 94025 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

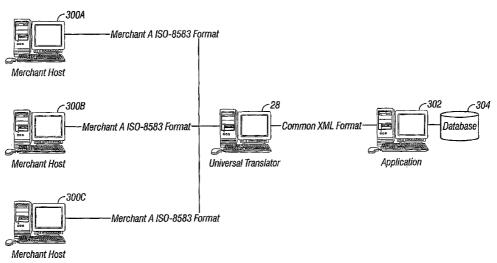
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (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
- (88) Date of publication of the international search report: 27 July 2006

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.

### (54) Title: CONFIGURABLE STORED VALUE PLATFORM



(57) Abstract: The platform supports a wide variety of merchants who are interested in a loyalty and/or value card products. The platform is an integrated set of software packages and tools that allows merchants to develop and offer loyalty award and payment products. The platform consists of a series of sub-systems that form the operating environment for the loyalty and payment products, collectively called common systems herein. These systems work together to customize and orchestrate product functionality. The platform processes real-time messages from devices, such as point-of-sale and CRIND/ICR/ICR (gas pump) devices, that are modified to work with the platform. The platform responds to the messages from the devices with a range of actions from approval of the pending purchase to addition of loyalty points into an account. In the case of the system-based service, messages are formatted according to defined standards so that they can be received by the platform. Other devices currently supported by the platform include Kiosk, IVR, API, and Web. New modules may be added to the platform that allow it to accept translations in any data format.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/36927

A. CLASSIFICATION OF SUBJECT MATTER  IPC: G06G 1/12( 2006.01);G06Q 20/00( 2006.01),30/00( 2006.01)			
USPC: 705/21,26 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.: 705/21, 26			
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)			
C. DOCI	JMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/0200172 A1 (RANDLE et al) 23 October 2003 (23.10.2003), all.		1-42
A	US 6,575,361 B1 (GRAVES et al) 10 June 2003 (10.06.2003), ali.		1-42
A	US 2003/0009382 A1 (D'ARBELOFF et al) 09 January 2003 (09.01.2003), all.		1-42
Α	US 2003/0144935 A1 (SOBEK) 31 July 2003 (31.07.2003), all.		1-42
Further	documents are listed in the continuation of Box C.	See patent family annex.	
	pecial categories of cited documents:	"T" later document published after the intern	
"A" document particular	defining the general state of the art which is not considered to be of relevance	date and not in conflict with the applicat principle or theory underlying the invent	ion
	olication or patent published on or after the international filing date	"X" document of particular relevance; the cle considered novel or cannot be considere when the document is taken alone	
	which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the cla considered to involve an inventive step with one or more other such documents,	when the document is combined
"O" document	referring to an oral disclosure, use, exhibition or other means	obvious to a person skilled in the art	_
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search  Date of mailing of the international search rep			h report
16 May 2006 (16.05.2006)			
Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US  Commissioner for Patents		Authorized officer  D. W. Ldermeth  Alexander G. Kalinowski	
P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Telephone No. 571-272-5250	

Form PCT/ISA/210 (second sheet) (April 2005)