## (19) World Intellectual Property Organization International Bureau





#### (43) International Publication Date 12 September 2002 (12.09.2002)

### **PCT**

# (10) International Publication Number WO 02/071179 A3

(51) International Patent Classification<sup>7</sup>: G06F 17/60

(21) International Application Number: PCT/US02/02626

(22) International Filing Date: 31 January 2002 (31.01.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0103949.4 17 February 2001 (17.02.2001) GE

(71) Applicant (for all designated States except US): TELE-FONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SJÖBLOM, Johan [FI/FI]; Krooksbackvägen 13, FIN-66600 Vörå (FI). D'ANCI, Alex [US/FI]; Koulukatu 3-5 A 23, FIN-65100 Vaasa (FI).

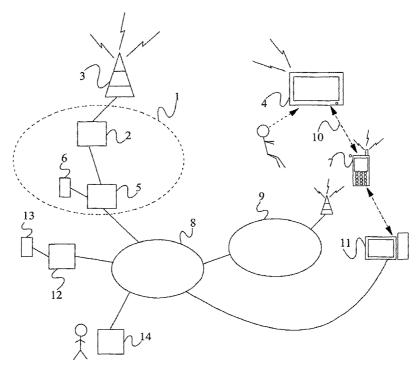
- (74) Agent: LASTOVA, John, R.; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, 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, PH, 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, 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

[Continued on next page]

(54) Title: ELECTRONIC COUPONS



(57) Abstract: A method of generating and redeeming an electronic coupon for a purchaser. The method comprises the steps of generating an electronic coupon at a central server (5), the coupon being associated with a purchaser's identity, sending a request for the coupon from a point-of-sale (14) to the central server (5), the request identifying the purchaser; and sending the coupon from the central server (5) to the point-of-sale (14).



WO 02/071179 A3

### WO 02/071179 A3



 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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.

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

21 November 2002

### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/02626

A. CLA	ASSIFICATION OF SUBJECT MATTER			
IPC(7)	: G06F 17/60			
US CL	: 705/14			
According t	o International Patent Classification (IPC) or to both	national	classification and IPC	
	LDS SEARCHED			
Minimum de U.S. : 7	ocumentation searched (classification system follow 705/14, 16, 21	ed by clas	ssification symbols)	
Documentat	ion seemed other than minimum described	.1 .		
Documentat	ion searched other than minimum documentation to	ihe exten	t that such documents are include	ed in the fields searched
Electronic d Please See C	ata base consulted during the international search (n Continuation Sheet	ame of da	ata base and, where practicable,	search terms used)
C. DOC	UMENTS CONSIDERED TO BE RELEVANT	<del></del>		
Category *	Citation of document, with indication, where	annronris	of the relevant negative	D.1
X	US 5,250,789 A (JOHNSEN) 05 October 1993 (0.	5 10 100:	2) see entire description	Relevant to claim No.
	(0.	J. 1U. 177.	o,, acc churc document,	1-9
X	US 5,761,648 A (GOLDEN et al) 02 June 1998, (	02.06.1998), see entire document.		1-9
X	US 5,855,007 A (JOVICIC et al) 29 December 19	98 (29.12	2.1998), see entire document.	1-9
X,E	US 6,321,208 B1 (BARNETT et al) 20 November document.	et al) 20 November 2001 (20.11.2001), see entire		
X,E	US 6,385,591 B1 (MANKOFF) 07 May 2002 (07.05.2002), see entire document.			1-9
Further	documents are listed in the continuation of Box C.		See patent family annex.	
* SI	pecial categories of cited documents:	"T"	later document published after the inte	mational filing date or priority
"A" document of particul	defining the general state of the art which is not considered to be lar relevance		date and not in conflict with the application principle or theory underlying the investment of the conflict with the investment of the conflict with the con	ation but cited to understand the ntion
	plication or patent published on or after the international filing date	"X"	document of particular relevance; the considered novel or cannot be consider when the document is taken alone	claimed invention cannot be ed to involve an inventive step
"L" document establish the specified)	which may throw doubts on priority claim(s) or which is cited to ne publication date of another citation or other special reason (as	"Y"	document of particular relevance; the considered to involve an inventive step	when the document is
	referring to an oral disclosure, use, exhibition or other means		combined with one or more other such being obvious to a person skilled in the	documents, such combination
'P" document priority da	published prior to the international filing date but later than the te claimed	"&"	document member of the same patent fa	amily
Date of the actual completion of the international search		Date of mailing of the international search report		
	(27.06.2002)	1 8 SEP 2002		
	iling address of the ISA/US	Authori	zed officer // .	( )
Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231		Emanuel T. Voeltz Stalla Cadmus		
Facsimile No. (703)305-3230		Telepho	one No. 703-305-3900	
orm PCT/ISA	/210 (second sheet) (July 1998)			

TAUTED BY A PERCENT A CORP. TO CORP.	International application No.		
INTERNATIONAL SEARCH REPORT	PCT/US02/02626		
,			
Continuation of B. FIELDS SEARCHED Item 3:			
yahoo, google search terms: generating, redeeming, electronic coupons, e-coupons, point-of-se	de, wireless		

Form PCT/ISA/210 (second sheet) (July 1998)