



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : G07F 7/12, G07C 9/00, B41M 5/40</p>	<p>A3</p>	<p>(11) International Publication Number: WO 99/36889</p> <p>(43) International Publication Date: 22 July 1999 (22.07.99)</p>
<p>(21) International Application Number: PCT/GB99/00139</p> <p>(22) International Filing Date: 15 January 1999 (15.01.99)</p> <p>(30) Priority Data: 9800854.3 16 January 1998 (16.01.98) GB</p> <p>(71) Applicant (for all designated States except US): NEXUS CORPORATION S.A. [CH/CH]; 14, rue du Rhône, CH-1204 Geneva (CH).</p> <p>(72) Inventor; and (75) Inventor/Applicant (for US only): RHIANDO, Maxwell, Earl [GB/GB]; Bromstone House, Beech Avenue, Camberley, Surrey GU15 2JT (GB).</p> <p>(74) Agent: SMITH, Norman, Ian; FJ Cleveland, 40-43 Chancery Lane, London WC2A 1JQ (GB).</p>	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 17 February 2000 (17.02.00)</p>	
<p>(54) Title: TRANSACTION SYSTEM</p> <p>(57) Abstract</p> <p>A network transaction system including terminals and database servers which are adapted to issue transaction cards as well as to accept cards for subsequent transaction use. The cards include impersonal information, i.e. not including any personal information about the user, and the terminals are adapted to capture personal information directly from the user for verification purposes. The impersonal information on the card and the personal information of the user are discrete.</p>		

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INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB 99/00139

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 G07F/12 G07C9/00 B41M5/40

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 6 G07F G07C B41M

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 0 397 512 A (MATERIAL ENGINEERING TECHNOLOGY LABORATORY) 14 November 1990 (1990-11-14) the whole document <p style="text-align: center;">— — — — — — — — — —</p>	1-3 4-6, 8, 9, 15-17, 20, 21, 23-25

Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

"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	"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 "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 "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. "&" document member of the same patent family
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Date of the actual completion of the international search <div style="text-align: center; border: 1px solid black; padding: 5px;">15 December 1999</div>	Date of mailing of the international search report <div style="text-align: center; border: 1px solid black; padding: 5px;">28 12 1999</div>
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Name and 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) 340-3018	Authorized officer <div style="text-align: center; font-size: 1.2em;">David, J</div>
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INTERNATIONAL SEARCH REPORT

Int'l Application No

PCT/GB 99/00139

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 534 712 A (TRAITEMENT DE L'INFORMATION TECHNIQUES NOUVELLES) 20 April 1984 (1984-04-20)	1,2,5
A	abstract; claims page 5, line 15 -page 11, line 18	3,4, 8-12, 14-18, 20,23, 28,30, 31, 33-37, 40,41, 43-45
A	US 4 636 622 A (C.P. CLARK) 13 January 1987 (1987-01-13) the whole document	1-9, 14-23
A	GB 2 172 731 A (SANDEN) 24 September 1986 (1986-09-24)	
A	US 3 890 599 A (L.G. SIMJIAN) 17 June 1975 (1975-06-17)	
A	US 3 833 795 A (A. SHOSHANI) 3 September 1974 (1974-09-03)	
A	WO 89 00741 A (W.F. HUXLEY) 26 January 1989 (1989-01-26)	
A	EP 0 744 715 A (AT & T) 27 November 1996 (1996-11-27)	
A	US 4 338 025 A (E.D. ENGEL) 6 July 1982 (1982-07-06)	
Y	EP 0 405 054 A (TELENORMA) 2 January 1991 (1991-01-02)	30,34
A	abstract; claims; figures column 4, line 48 -column 5, line 33	31,33, 35-40,44
Y	GB 2 183 356 A (FUJI PHOTO FILM) 3 June 1987 (1987-06-03) page 1, line 1 -page 2, line 5	30,34
A	EP 0 607 444 A (ACE DENKEN) 27 July 1994 (1994-07-27) abstract; claims; figures	30,31, 33-37, 39,40, 43-45

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 99/00139

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-29,32

Transaction system and terminal for issuing cards and storing the card-identifiers, associated with biometric user-identifiers, in a server's database, enabling subsequent validation of the cards and identification of the users.

2. Claims: 30,31,33-45

Multi-layered card for thermographic printing.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l. Application No

PCT/GB 99/00139

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