

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
16 July 2009 (16.07.2009)

PCT

(10) International Publication Number  
WO 2009/087547 A3

- (51) International Patent Classification:  
G06K 19/073 (2006.01) G07F 7/10 (2006.01)
- (21) International Application Number:  
PCT/IB2008/055679
- (22) International Filing Date:  
17 December 2008 (17.12.2008)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
61/017,997 31 December 2007 (31.12.2007) US
- (71) Applicant (for all designated States except US):  
FRANCE TELECOM [FR/FR]; 6 place d'Alleray,  
F-75015 Paris (FR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SEETHARAMAKR-  
ISHNAN, Devasenapathi Periagraharam [US/US]; 19  
Quincy St, Medford, MA 02155 (US).
- (74) Agent: THIEL, Frédéric; France Telecom, FTR &  
D/PIV/Brevets, 38-40 rue du Général Leclerc, F-92794  
Issy Moulineaux Cedex 9 (FR).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: ELECTRONIC IDENTIFICATION SYSTEM

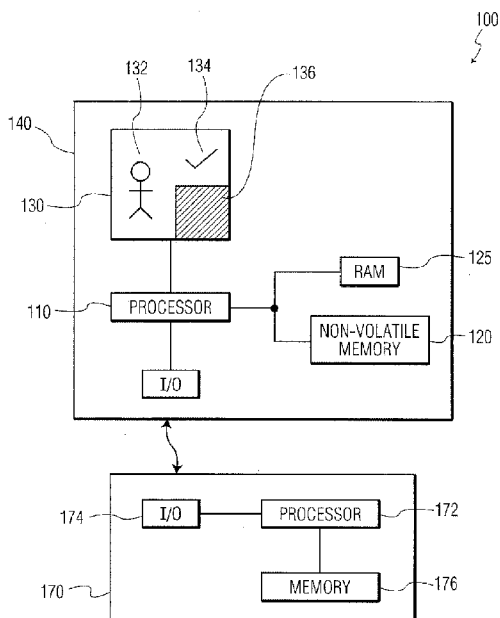


FIG. 1

(57) Abstract: A system (100) that performs an identification process including an identification (ID) device contained in a portable form factor. The identification device (140) includes a display (130), a memory (120) and a processor (110) coupled to the display and the memory. The system may also include an interrogation device (170) that in operation is coupled to the ID device. The processor (110) receives a request for identification information, verifies that the request is from a suitable device, and renders on the display (130) the identification information if the request is verified to be from a suitable device. The processor (110) may render on the display (130) an indication that the device is not a suitable device. The processor (110) may render on the display (130) an iconic representation of identification information in response to the request. The processor (110) may render on the display (130) a default display of identification information even if no request for identification information is received.

WO 2009/087547 A3



- 
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))* — *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*
- *of inventorship (Rule 4.17(iv))*

**Published:**

- *with international search report (Art. 21(3))*

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

19 November 2009

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/IB2008/055679

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> INV. G06K19/073 G07F7/10				
According to International Patent Classification (IPC) or to both national classification and IPC				
<b>B. FIELDS SEARCHED</b>				
Minimum documentation searched (classification system followed by classification symbols) G07F G06K				
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, WPI Data				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	EP 1 457 915 A (SONY ERICSSON MOBILE COMM JP [JP]) 15 September 2004 (2004-09-15) paragraph [0001] - paragraph [0003] paragraph [0043] - paragraph [0045] paragraph [0052] paragraph [0056] paragraph [0067] paragraph [0076] - paragraph [0077] paragraph [0081] - paragraph [0082] figures 1-4	1-37		
A	WO 97/34252 A (SEAGATE TECHNOLOGY [US]) 18 September 1997 (1997-09-18) page 3, line 21 - line 28	5, 6, 23, 24		
A	FR 2 825 497 A (GEMPLUS CARD INT [FR]) 6 December 2002 (2002-12-06) page 2, line 25 - page 3, line 11	1, 19		
-/--				
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.				
<input checked="" type="checkbox"/> See patent family annex.				
* Special categories of cited documents :				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;">                     *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                 </td> <td style="width: 50%; vertical-align: top; padding: 5px;">                     *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.                      *&amp;* document member of the same patent family                 </td> </tr> </table>			*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
*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			
Date of the actual completion of the international search	Date of mailing of the international search report			
24 September 2009	02/10/2009			
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  <p style="text-align: center; font-weight: bold;">Bhalodia, Anil</p>			

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/IB2008/055679

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005/211767 A1 (SAWACHI YOUICHI [JP]) 29 September 2005 (2005-09-29) paragraph [0089] -----	17,33
A	JP 10 340231 A (KOKUSAI ELECTRIC CO LTD) 22 December 1998 (1998-12-22) abstract -----	1-37

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No <b>PCT/IB2008/055679</b>
--

Patent document cited in search report	A	Publication date	Patent family member(s)	Publication date
EP 1457915	A	15-09-2004	DE 602004000137 T2	13-07-2006
			HK 1069468 A1	21-07-2006
			JP 3988995 B2	10-10-2007
			JP 2004280375 A	07-10-2004
			KR 20040080977 A	20-09-2004
			US 2004181629 A1	16-09-2004
<hr style="border-top: 1px dashed black;"/>				
WO 9734252	A	18-09-1997	FR 2746201 A1	19-09-1997
<hr style="border-top: 1px dashed black;"/>				
FR 2825497	A	06-12-2002	NONE	
<hr style="border-top: 1px dashed black;"/>				
US 2005211767	A1	29-09-2005	JP 4279185 B2	17-06-2009
			JP 2005284677 A	13-10-2005
<hr style="border-top: 1px dashed black;"/>				
JP 10340231	A	22-12-1998	NONE	
<hr style="border-top: 1px dashed black;"/>				