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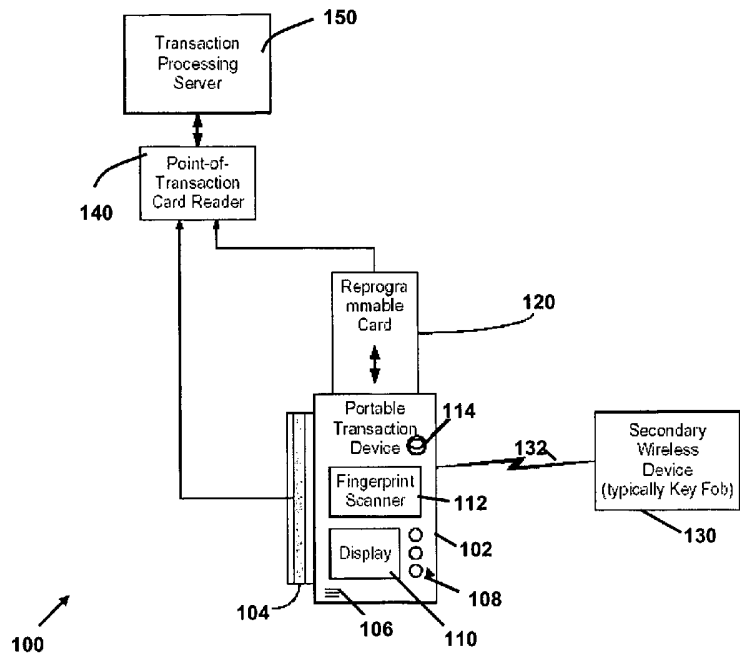
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- Published:**
— with international search report

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR SECURING FINANCIAL TRANSACTIONS



(57) Abstract: A financial transaction system utilizes multi-factor authentication to secure financial transactions. The system comprises a portable transaction device (e.g. a wireless phone) which is used to program the magnetically or electronically reprogrammable stripe of a magnetic stripe card or the memory of a smart card. A single-use account number may be used to program the card. The device provides biometric authentication and secondary authentication using a secondary wireless device. The device and the programmed cards are used in various financial transactions.

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4 May 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.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/019988

A. CLASSIFICATION OF SUBJECT MATTER
G07F19/00 G07F7/10

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)
G06K G06F G07F

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 016 476 A (MAES ET AL) 18 January 2000 (2000-01-18) column 2, line 21 - column 4, line 22 column 4, line 65 - column 15, line 25 figures	1-11
Y	US 2003/220876 A1 (BURGER TODD O ET AL) 27 November 2003 (2003-11-27) page 5, paragraph 93 - page 22, paragraph 313 figures 1-11	1-11
Y	US 2003/080183 A1 (RAJASEKARAN SANGUTHEVAR ET AL) 1 May 2003 (2003-05-01) page 1, paragraph 2 - page 3, paragraph 19 page 3, paragraph 35 - page 4, paragraph 41 figures 4,5	1-11

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

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No.
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~~Box II~~ Observations where certain claims were found unsearchable (Continuation of item 2 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 III Observations where unity of invention is lacking (Continuation of item 3 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: 1-11

A portable transaction device comprising means for secondary authentication and software for changing the value of a pre-paid card

2. claims: 12-20

A portable transaction device and a transaction system comprising a cellular telephone used in financial transactions involving communication with other entities

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/US2005/019988

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 291 748 A (ALCATEL) 12 March 2003 (2003-03-12) abstract column 2, paragraph 6 - column 4, paragraph 13 figure 1 -----	3,5
X	WO 03/077473 A (BEAMTRUST A/S; ANDERSSON, STEN; KAARLE, PETER; KAPNOULA, ANNA; ELGAARD) 18 September 2003 (2003-09-18) page 6, line 1 - page 15, line 5 page 21, line 20 - page 27, line 20 figures 1,2 -----	12-20
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X	US 2004/077372 A1 (HALPERN JOHN W) 22 April 2004 (2004-04-22) abstract page 3, paragraph 37 - page 4, paragraph 53 -----	17-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

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