

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 February 2006 (23.02.2006)

PCT

(10) International Publication Number
WO 2006/020096 A3

- (51) International Patent Classification:
G06K 9/00 (2006.01)
- (21) International Application Number:
PCT/US2005/025252
- (22) International Filing Date: 18 July 2005 (18.07.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/589,534 20 July 2004 (20.07.2004) US
60/656,427 24 February 2005 (24.02.2005) US
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NY 11050 (US).
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Floor, New York, NY 10018 (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, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ,
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW.

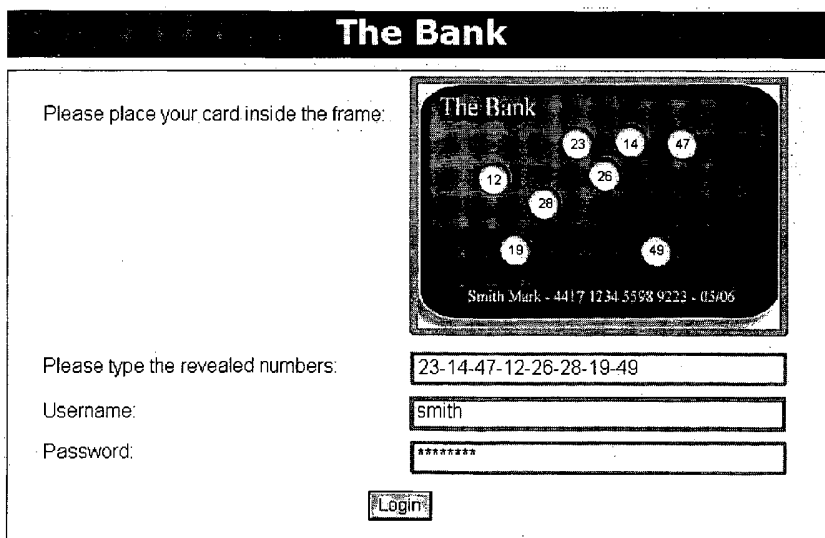
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, 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
amendments

(88) Date of publication of the international search report:
10 August 2006

[Continued on next page]

(54) Title: METHOD, SYSTEM AND DEVICE FOR AUTHENTICATION AND IDENTIFICATION FOR COMPUTERIZED AND NETWORKED SYSTEMS



(57) Abstract: The invention consists of a method, system and device for authentication of transactions using a uniquely punched or printed key, often in the form of a card, that is used to identify and authenticate a user during online transactions. The computer randomly generates an array of characters, such as numbers, letters or symbols, which is displayed to the user, e.g., on a computer monitor, or printed, such as in matrix format. When held over the displayed matrix, the key allows the user to view only certain portions of the matrix, which portions together form the user's onetime-password, which is unique for each authentication transaction. The user is then authenticated by utilizing both the actual key and a password or personal identification number. This twopronged requirement for authentication insures the high security level provided by the system.

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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/US05/25252

<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8): G06K 9/00 ; US CL: 382/100</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>														
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) US CL: 902/2, 25; 235/489; 382/100</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched None</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) USPTO Patent Full-Text and Full-Page Image Databases.</p>														
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>WO 02/17556 A1 (YOUSOFI) 28 February 2002 (28.02.2002); entire document.</td> <td>1-145</td> </tr> <tr> <td>A</td> <td>US 6,487,301 B1 (ZHAO) 26 November 2002 (26.11.2002); entire document.</td> <td>1-145</td> </tr> <tr> <td>A</td> <td>US 3,947,661 (SILVERMAN et al.) 30 March 1976 (30.03.1976); abstract and columns 2-3.</td> <td>1-145</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	WO 02/17556 A1 (YOUSOFI) 28 February 2002 (28.02.2002); entire document.	1-145	A	US 6,487,301 B1 (ZHAO) 26 November 2002 (26.11.2002); entire document.	1-145	A	US 3,947,661 (SILVERMAN et al.) 30 March 1976 (30.03.1976); abstract and columns 2-3.	1-145
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<p>Date of the actual completion of the international search 02 December 2005 (02.12.2005)</p>		<p>Date of mailing of the international search report 30 MAY 2006</p>												
<p>Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201</p>		<p>Authorized officer: <i>for James R. Matthews</i> Blaine R. Copenheaver Telephone No. 571-272-7774</p>												