



- (51) International Patent Classification:
G06Q 20/40 (2012.01)
- (21) International Application Number:
PCT/US2013/045042
- (22) International Filing Date:
10 June 2013 (10.06.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/657,303 8 June 2012 (08.06.2012) US
13/544,424 9 July 2012 (09.07.2012) US
- (71) Applicant: **PAYSTIK, INC.** [US/US]; 855 El Camino Real, Suite 13A-102, Palo Alto, California 94301 (US).
- (72) Inventors: **IOANNIDIS, James**; 855 El Camino Real, Suite 13A-102, Palo Alto, California 94301 (US). **NOR-MAK, Henri**; Manni Poik 2-3, EE-74001 Harjumaa (EE). **MINNO, Mary**; PO Box 921, Palo Alto, California 94301 (US).
- (74) Agents: **ELLIOTT, Ryan W.** et al.; 1279 Oakmead Parkway, Sunnyvale, California 94085 (US).
- (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, BN, BR, BW, BY,

BZ, CA, CH, CL, 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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

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

(88) Date of publication of the international search report:
30 January 2014

(54) Title: AUTHORIZING A TRANSACTION BETWEEN A CLIENT DEVICE AND A SERVER USING A SCANNABLE CODE

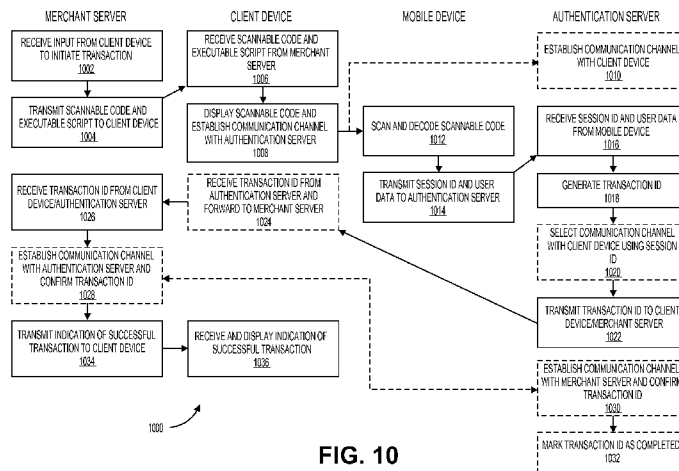


FIG. 10

(57) Abstract: Exemplary methods, apparatuses, and systems include a first server transmitting, to a first client device, a scannable code for display on the first client device. The scannable code encodes a session identifier for a session between the first client device and the first server. The first server receives a transaction identifier to authenticate a transaction within the session between the first client device and the first server. The transaction identifier is transmitted to the first server in response to a second client device scanning and decoding the scannable code displayed on the first client device to obtain the session identifier. The first server transmits an indication of a successful authentication to the first client device in response to the received transaction identifier.

WO 2013/185147 A3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2013/045042**A. CLASSIFICATION OF SUBJECT MATTER****G06Q 20/40(2012.01)i**

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)

G06Q 20/40; G06F 15/16; G06F 3/048; H04W 4/24; H04W 4/14; H04W 4/00; G06Q 10/00; G06K 9/18; G06Q 20/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: transaction, scannable code, identifier

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| Y | US 2010-0107092 A1 (TIMOTHY KINDBERG) 29 April 2010 See abstract, claims 1-16, and figures 1-2. | 1-15 |
| Y | KR 10-2011-0003105 A (KT CORPORATION) 11 January 2011 See abstract, paragraphs [0038]-[0048], claims 1-9, and figures 2-3. | 1-15 |
| A | KR 10-2011-0127291 A (ECOMM & SYSTEM CO., LTD.) 25 November 2011 See abstract, claims 1-8, and figures 1,4. | 1-15 |
| A | KR 10-2005-0015052 A (PYO, CHUL MIN) 21 February 2005 See abstract, claims 1-12, and figures 5-8. | 1-15 |
| A | JP 2007-0133465 A (DAINIPPON PRINTING CO., LTD.) 31 May 2007 See abstract, claims 1-4, and figures 2-3. | 1-15 |

 Further documents are listed in the continuation of Box C. See patent family 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 application or patent 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 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

26 November 2013 (26.11.2013)

Date of mailing of the international search report

27 November 2013 (27.11.2013)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
189 Cheongsu-ro, Seo-gu, Daejeon Metropolitan City,
302-701, Republic of Korea

Facsimile No. +82-42-472-7140

Authorized officer

KIM, Tae Hoon

Telephone No. +82-42-481-8407



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2013/045042

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|--|--|
| US 2010-0107092 A1 | 29/04/2010 | GB 2446211 A GB 2446211 B WO 2008-094645 A2 WO 2008-094645 A3 | 06/08/2008 07/03/2012 07/08/2008 25/09/2008 |
| KR 10-2011-0003105 A | 11/01/2011 | None | |
| KR 10-2011-0127291 A | 25/11/2011 | None | |
| KR 10-2005-0015052 A | 21/02/2005 | None | |
| JP 2007-133465 A | 31/05/2007 | None | |