



- (51) **International Patent Classification:**
G07G 1/12 (2006.01)
- (21) **International Application Number:**
PCT/US2014/061995
- (22) **International Filing Date:**
23 October 2014 (23.10.2014)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
14/063,369 25 October 2013 (25.10.2013) US
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- (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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, 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, SA, 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, ST, 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:**
18 June 2015

(54) **Title:** TRANSACTION DATA CAPTURE DEVICE AND SYSTEM

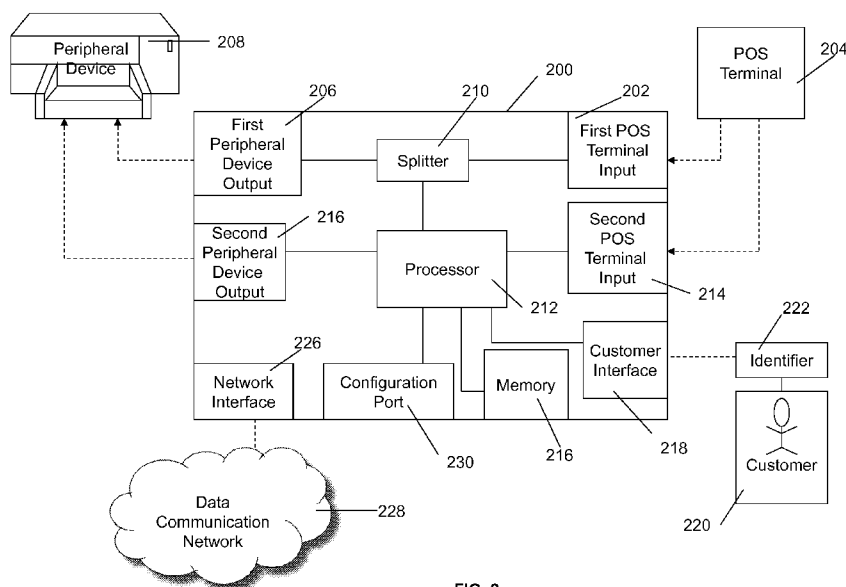


FIG. 2

- (57) **Abstract:** Methods and systems described herein relate to a transaction data capture device. Systems and methods for content printing and insertion are disclosed. Systems and methods for payment and payment data storage are disclosed. Systems and methods for extracting transaction data sent from a point of sale terminal to a peripheral are disclosed.

INTERNATIONAL SEARCH REPORT

14/061995 23 04 2015

PCT/US 14/61995

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G07G 1/12 (2015.01)

CPC - G06Q20/209, G07G1/12, G07G5/00, G06Q20/20, G06Q30/06

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(8): G07G 1/12 (2015.01); CPC: G06Q20/209, G07G1/12, G07G5/00, G06Q20/20, G06Q30/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 705/24, 705/16, 705/64Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PatBase, ProQuest Dialog, Google Web, Google Patents (Search terms: customize, tailor, ad, advertisement, promotion, offer, coupon, discount, receipt, confirmation, acknowledgment, point of sale, POS, payment network, append, digital, record, etc.)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0055727 A1 (Walker et al.) 20 March 2003 (20.03.2003), para. [0030], [0034]-[0037], [0040]-[0044], [0046]-[0049], [0051], [0072], [0091], [0127], [0142]-[0143], [0170]-[0172], [0174], [0180], and [0204], and Figs. 1-2, and claims 12, 25, and 47.	1-15
X — Y	WO 12/156985 A2 (Mahale et al.) 22 November 2012 (22.11.2012), pg. 2, ln. 8-15 and 26-28, pg. 3, ln. 1, pg. 6, ln. 17-19 and 25-26, pg. 7, ln. 1-5, 8, and 17-19, pg. 8, ln. 19-20 and 26, pg. 11, ln. 3, 15-22, and 25-28, and pg. 12, ln. 10 to pg. 13, ln. 7, and Figs. 1, 3, and 6a-8.	6-9, 11-15 ----- 1-5, 10
Y	US 8,170,936 B2 (Ahmad) 01 May 2012 (01.05.2012), col. 4, ln. 20-24 and ln. 63 to col. 5, ln. 22, col. 5, ln. 31-32, 39-40, and 47-48, col. 7, ln. 53 to col. 8, ln. 15, col. 8 ln. 63 to col. 9, ln. 3, and col. 9, ln. 11-21, and Figs. 1-2.	1-5, 10
A	US 2010/0114677 A1 (Carlson et al.) 06 May 2010 (06.05.2010) (entire document).	1-15
A	US 2012/0253940 A1 (Kibel et al.) 04 October 2012 (04.10.2012) (entire document).	1-15

☐ Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

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"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

31 March 2015 (31.03.2015)

Date of mailing of the international search report

23 APR 2015

Name and mailing address of the ISA/US

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