

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
18 January 2007 (18.01.2007)

PCT

(10) International Publication Number
WO 2007/008949 A3

(51) International Patent Classification:

G06K 7/00 (2006.01) H04B 1/00 (2006.01)
G06K 19/077 (2006.01) G01R 29/08 (2006.01)
H04B 17/00 (2006.01)

(21) International Application Number:

PCT/US2006/026989

(22) International Filing Date: 6 July 2006 (06.07.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/180,929 12 July 2005 (12.07.2005) US

(71) Applicant (for all designated States except US): INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, California 95052 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): POSAMENTIER, Joshua [US/US]; 1386 Holman, Oakland, California 94610 (US).

(74) Agents: VINCENT, Lester J. et al.; BLAKELY SOKOLOFF TAYLOR & ZAFMAN, 12400 Wilshire Boulevard 7th Floor, Los Angeles, California 90025 (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, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, 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, 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).

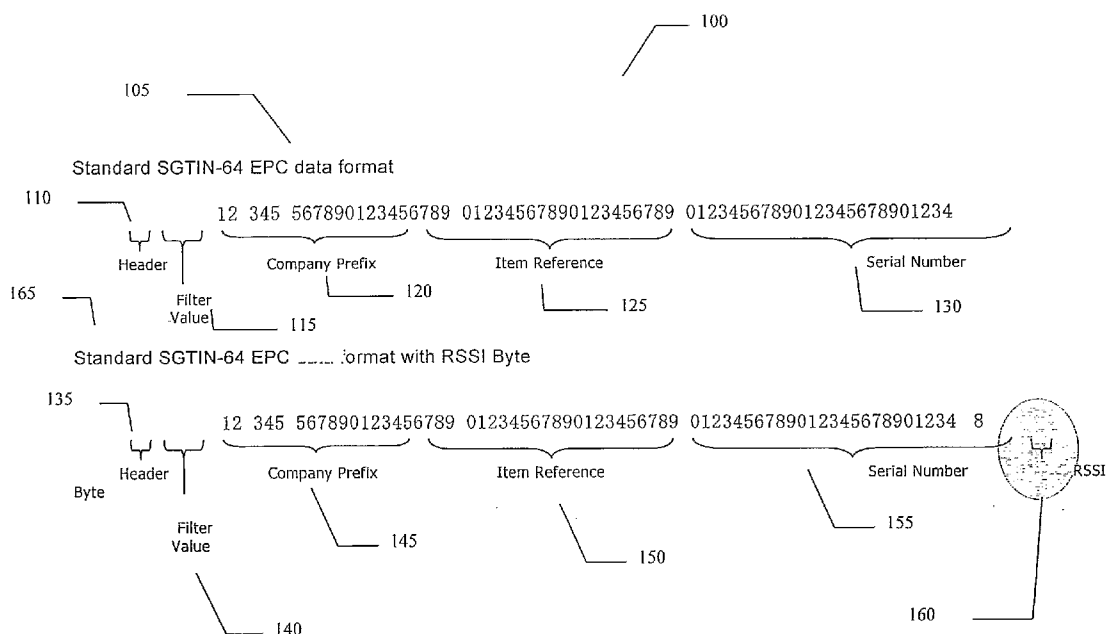
Published:

— with international search report

(88) Date of publication of the international search report:
15 February 2007(48) Date of publication of this corrected version:
5 April 2007

[Continued on next page]

(54) Title: RADIO FREQUENCY IDENTIFICATION TAGS CAPABLE OF EMBEDDING RECEIVER SIGNAL STRENGTH INDICATIONS



(57) Abstract: An RF ID tag is capable of reporting receiver signal strength indication, wherein the receiver signal strength may be indicated by an RSSI byte included with an electronic product code (EPC) data packet. The EPC data packet may be in the standard SGTIN-64 EPC data format. Further, the RF ID tag capable of reporting signal strength may enable power control or beam steering.

WO 2007/008949 A3



(15) Information about Correction:

see PCT Gazette No. 14/2007 of 5 April 2007

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.