

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 June 2006 (22.06.2006)

PCT

(10) International Publication Number
WO 2006/066175 A1

- (51) International Patent Classification:
G06K 19/07 (2006.01) **G06K 7/00** (2006.01)
- (21) International Application Number:
PCT/US2005/045869
- (22) International Filing Date:
15 December 2005 (15.12.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
11/015,071 17 December 2004 (17.12.2004) 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 950025 (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, KN, KP, KR, KZ, 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, 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.

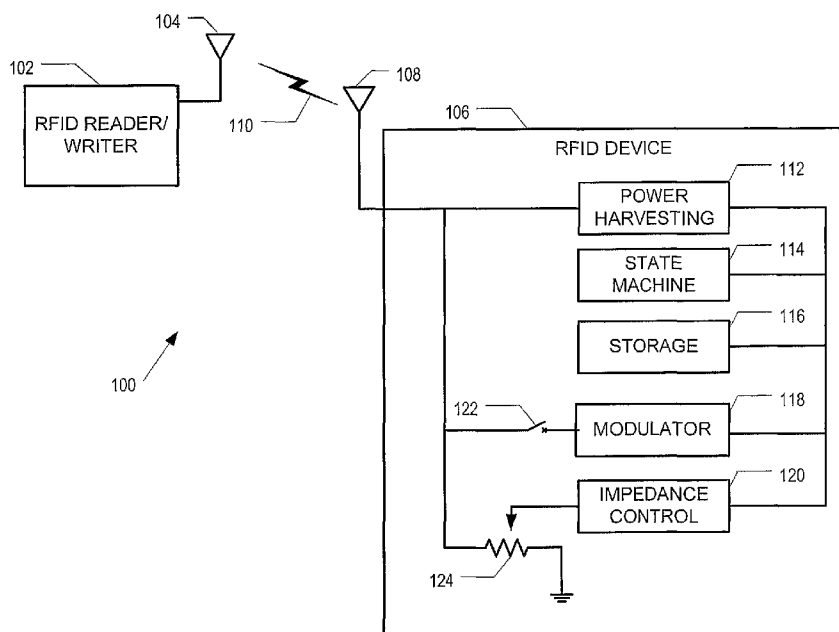
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT,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

[Continued on next page]

(54) Title: RFID TAG WITH MODIFIABLE AND REVERSIBLE READ RANGE



(57) Abstract: RFID tag in which the read range can be reversibly modified. Read range control update information is received in a radio frequency (RF) signal. The information is used to control a read range of an antenna. The read range of the antenna can be increased or decreased, for example, by changing an impedance of the antenna.

WO 2006/066175 A1



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.