

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 July 2002 (25.07.2002)

PCT

(10) International Publication Number
WO 02/057928 A3

(51) International Patent Classification⁷: **H04L 25/02**,
G06F 13/40, H04L 25/493

(74) Agents: **MALLIE, Michael, J.** et al.; Blakey Sokoloff
Taylor & Zafman, 12400 Wilshire Boulevard, Los Angeles,
CA 90025 (US).

(21) International Application Number: PCT/US01/50879

(22) International Filing Date:
9 November 2001 (09.11.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/714,244 15 November 2000 (15.11.2000) US

(71) Applicant: **INTEL CORPORATION** [US/US]; 2200
Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) Inventors: **SIMON, Thomas**; 23 Royal Crest Drive #7,
Marlborough, MA 01752 (US). **AMIRTHARAJAH, Ra-
jeevan**; 80 Elmgrove Avenue, 2nd Floor, Providence, RI
02906 (US). **KNIGHT, Thomas, Jr.**; 58 Douglas Street,
Belmont, MA 02478 (US). **MARKETKAR, Nandu**; 491
Cross Street, Boylston, MA 01505 (US). **BENHAM, John**;
30 O'Neil Drive, Westborough, MA 01581 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA,
ZW.

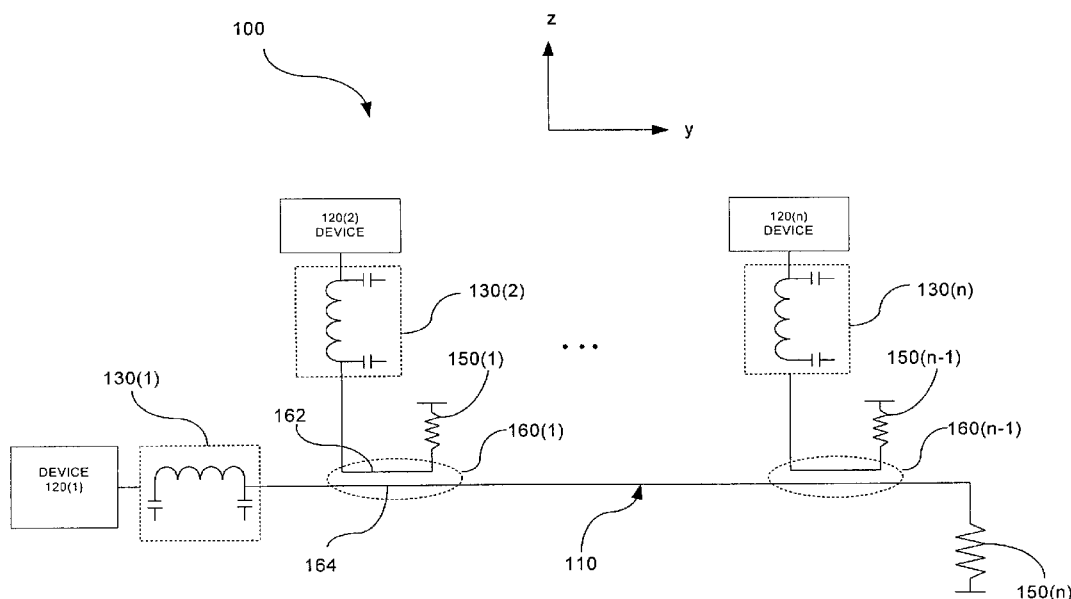
(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF,
CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
TG).

Published:
— with international search report

(88) Date of publication of the international search report:
23 January 2003

[Continued on next page]

(54) Title: SIGNALING ON AN ELECTROMAGNETICALLY-COUPLED BUS



(57) Abstract: The present invention provides a mechanism for supporting high digital bandwidth in a multi-drop bus system. A first device of the system encodes multiple bit in a symbol and drives the encoded symbol onto the multi-drop bus. Multiple receiving devices are linked to the bus through electromagnetic couplers. A receiving device samples the encoded symbol through the electromagnetic coupler and recovers the encoded bits from the sampled symbol.



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