

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 June 2006 (01.06.2006)

PCT

(10) International Publication Number
WO 2006/058045 A3

(51) International Patent Classification:
H04B 1/38 (2006.01)

(21) International Application Number:

PCT/US2005/042402

(22) International Filing Date:

23 November 2005 (23.11.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/630,853 24 November 2004 (24.11.2004) US

60/632,825 2 December 2004 (02.12.2004) US

(71) Applicant (for all designated States except US): **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, California 92121-1714 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KATIBIAN, Behnam** [US/US]; 28 Cedar Ridge, Irvine, CA 92603 (US). **WILEY, George, A.** [US/US]; 5740 Brittany Forest Lane, San Diego, CA 92130 (US). **STEELE, Brian** [US/US]; 1074 Iliad Way, Lafayette, CO 80026 (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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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

(88) Date of publication of the international search report:

19 April 2007

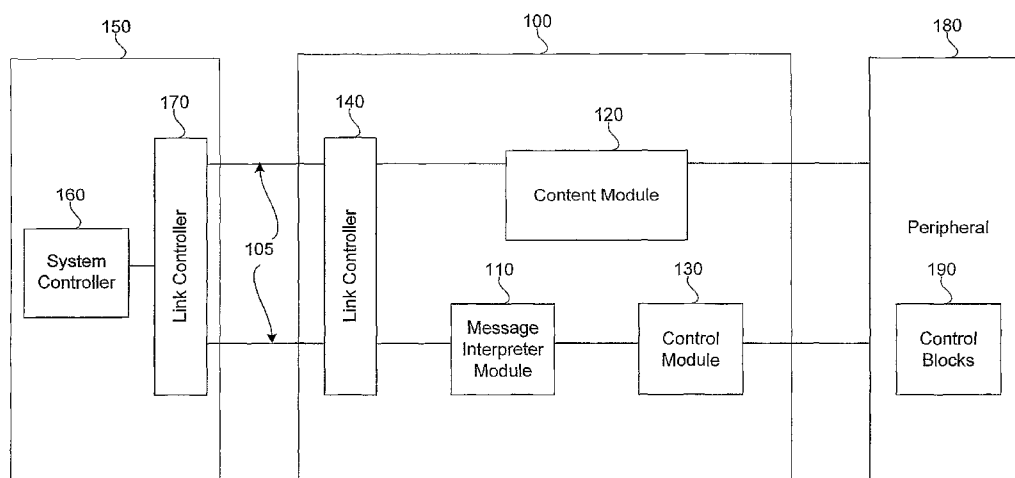
(15) Information about Correction:

Previous Correction:

see PCT Gazette No. 34/2006 of 24 August 2006

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.

(54) Title: DIGITAL DATA INTERFACE DEVICE



(57) Abstract: The present invention is directed a digital data interface device for transferring digital presentation data at a high rate over a communication link. The digital data interface device includes a message interpreter, content module and a control module. The digital data interface device may include an MDDI link controller. The digital data interface device can be used to control a peripheral device, such as a camera, bar code reader, image scanner, audio device or other sensor. In one example, a cellular telephone having a camera with an MDDI link and a digital data device interface is provided.

WO 2006/058045 A3