

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 May 2008 (29.05.2008)

PCT

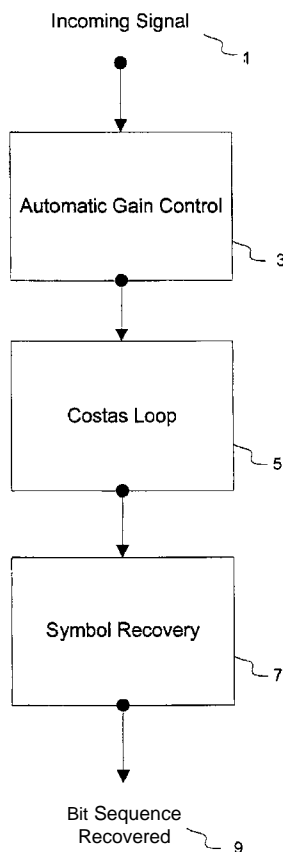
(10) International Publication Number
WO 2008/063626 A3

- (51) **International Patent Classification:**
A61N 1/08 (2006.01)
- (21) **International Application Number:**
PCT/US2007/024225
- (22) **International Filing Date:**
19 November 2007 (19.11.2007)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
60/866,581 20 November 2006 (20.11.2006) US
60/945,251 20 June 2007 (20.06.2007) US
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- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FT, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, 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,

[Continued on next page]

(54) **Title:** ACTIVE SIGNAL PROCESSING PERSONAL HEALTH SIGNAL RECEIVERS



(57) **Abstract:** The invention provides a receiver associated with a body, e.g., located inside or within close proximity to a body, configured to receive and decode a signal from an in vivo transmitter which located inside the body. Signal receivers of the invention provide for accurate signal decoding of a low-level signal, even in the presence of significant noise, using a small-scale chip, e.g., where the chip consumes very low power. Also provided are systems that include the receivers, as well as methods of using the same.

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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, MT, 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*

(88) Date of **publication of the international search report:**
3 July 2008

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/24225

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61N 1/08 (2008.04) USPC - 607/60 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) - A61 N 1/08 (2008 04) USPC - 607/60 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Databases: PatBase, Google Patents		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/0095093 A1 (BETTESH et al) 04 May 2006 (04 05 2006) entire document	1, 6, 8, 16, 17, 23-29
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Y		2-5, 7, 9-15, 18-22, 28, 29
Y	US 2006/0166619 A1 (ROBERTS) 27 July 2006 (27 07 2006) entire document	2-5, 7, 9, 10, 13-15, 28, 29
Y	US 6,720,923 B1 (HAYWARD et al) 13 April 2004 (13 04 2004) entire document	18-22, 28, 29
Y	US 2005/0197680 A1 (DELMAIN et al) 08 September 2005 (08 09 2005) entire document	3-5, 19, 20, 28, 29
Y	US 2003/0185286 A1 (YUEN) 02 October 2003 (02.10 2003) entire document	11-14, 28, 29
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Date of the actual completion of the international search		Date of mailing of the international search report
15 April 2008		01 MAY 2008
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Blaine R Copenheaver  PCT Helpdesk. 571-272-4300 PCTOSP 571-272-7774