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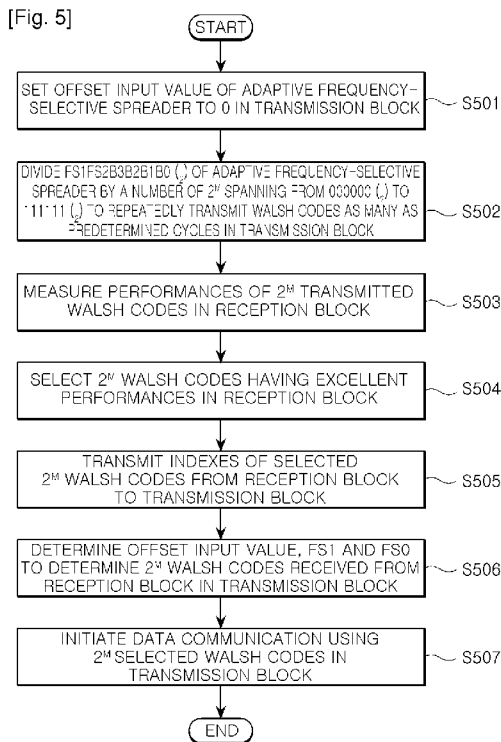
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- (71) Applicant (for all designated States except US): **ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE** [KR/KR]; 161 Gajeong-dong, Yuseong-gu, Daejeon 305-350 (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **KANG, Tae-Wook** [KR/KR]; #2-122 Electronics and Telecommunications Research Institute Dormitory, 236-1 Gajeong-dong, Yuseong-gu, Daejeon 305-700 (KR). **LIM, In-Gi** [KR/KR]; 814-1301 Saemirae Apt., Noeun-dong,

Yuseong-gu, Daejeon 305-768 (KR). **KANG, Sung-Weon** [KR/KR]; #6-206 Townhouse, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **PARK, Hyung-II** [KR/KR]; 304-103 Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR). **HYOUNG, Chang-Hee** [KR/KR]; 411-2002 Youlmaemaoul Apt., Jijok-dong, Yuseong-gu, Daejeon 305-770 (KR). **HWANG, Jung-Hwan** [KR/KR]; 108-1101 E-Griwoon Apt., Hagi-dong, Yuseong-gu, Daejeon 305-358 (KR). **KIM, Jin-Kyung** [KR/KR]; 121-806 Hanbit Apt., Eoeun-dong, Yuseong-gu, Daejeon 305-755 (KR). **KIM, Jung-Bum** [KR/KR]; 1205-204 Woolim FillU Apt., Yongsan-dong, Yuseong-gu, Daejeon 305-500 (KR). **KIM, Sung-Eun** [KR/KR]; 101-1006 Imgwang Apt., Songpa-dong, Songpa-gu, Seoul 138-170 (KR). **KIM, Kyung-Soo** [KR/KR]; 305-706 Mokryun Apt., Doosan-dong, Seo-gu, Daejeon 302-120 (KR). **PARK, Ki-Hyuk** [KR/KR]; 2-136, 236-1 Gajeong-dong, Yuseong-gu, Daejeon 305-350 (KR). **SHIM, Jae-Hoon** [KR/KR]; 109-1002 Worldcup-Family Town, Jangdae-dong, Yuseong-gu, Daejeon 305-308 (KR).

(74) Agent: **C & S LOGOS PATENT AND LAW OFFICE**; 13th Floor, Seocho-Pyungghwa Building, 1451-34 Seocho-dong, Seocho-gu, Seoul 137-070 (KR).

[Continued on next page]

(54) Title: METHOD FOR SELECTING ADAPTIVE FREQUENCY BASEBAND OF WALSH CODES, ADAPTIVE FREQUENCY-SELECTIVE SPREADER USING THE SAME AND TRANSMITTING AND RECEIVING APPARATUS USING THE ADAPTIVE FREQUENCY-SELECTIVE SPREADER



(57) Abstract: There is provided a human body communication method and system using a frequency-selective baseband in order to transmit and receive data between communication devices that are coupled to a human body by using the human body as a communication channel. The human body communication method and system may be useful to maximize an efficiency of the frequency-selective spreading technology to enhance a processing gain of the Walsh code technology, and thus to reduce the interference between human bodies of users by adaptively selecting a frequency band of Walsh codes that are used for data communications according to the human body channel characteristics and the noise environments that are varied according to the ambient environments, and also construct a low-power and stable human body communication when there is a strong interference induced from other electronic equipments.

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPODOC, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 8340317 A (OMRON TATEISI ELECTRONICS CO) 24 December 1996 (24.12.1996) <i>the whole document.</i>	1 - 17
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A	WO 2000/064373 A1 (MOTOROLA INC.) 2 November 2000 (02.11.2000) <i>the whole document.</i>	1 - 17
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PX	WO 2008/069571 A1 (ELECTRONICS&TELECOMMUNICATIO RES INST) 12 June 2008 (12.06.2008) <i>the whole document.</i>	1 - 17
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	WO 2009/005217 A1 (ELECTRONICS&TELECOMMUNICATIO RES INST) 8 January 2009 (08.01.2009) <i>the whole document.</i> -----	1 - 17

INTERNATIONAL SEARCH REPORT

Information on patent family members

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WO A 2008069571		JP T 2010512094T	2010-04-15
		US A1 2010074257	2010-03-25
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