FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE ET

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Name of conveying party(ies): Young-sam SHIN Seuk-won LEE Han-cheol KIM Jeong-joon YOO Jae-don LEE Min-kyu JEONG Keun-soo YIM 2. Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other: Execution Date(s): October 30, 2007 4. Application number(s) or patent number(s): This document is being filed together with a new application. This document is being filed after filing of the application: 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1901.1223 Attention: Gene M. Garner, II 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)...... (\$ 40.00 per Patent or Application in Assignment)

Enclosed

Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit

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Gene M. Garner, II, Reg. No. 34,172 Name of Person Signing

November 7, 2007

Date

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49.09 OP

Docket No.: 1901.1223

U.S. ASSIGNMENT

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IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea

Republic of Korea	
(hereinafter, "ASSIGNEE"), the receipt of which is he transfers to ASSIGNEE the entire and exclusive righ (Title of Invention)	ereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and to the invention entitled
TRANSMITTING AND RECEIVING M	ETHOD AND APPARATUS IN REAL-TIME SYSTEM
relating to international Patent Application PCT/JP_was executed on even date herewith or, if not so exe	and/or for which application for Letters Patent of the United States acuted, was:
(a) executed on ;	(Insert date of execution of application, if not concurrent)
(b) filed on . Serial No. ;	Any registered attorney of STAAS & HALSEY u.p., 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.
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declarations, taking all rightful oaths, providing swom testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(es))	
1)	30/October/2007
Young sam SHIN 2) Seung-won LEE	30/0ctober/2007
3) Han-cheol KMM	30/October/2007
4)	30/October/2007
Jeóng-joon YOO	30/October/2007
Jae-don LEE	30/October/2007
Min-kyu JEONG	30/October/2007

PATENT REEL: 020149 FRAME: 0725

RECORDED: 11/07/2007

Keun-soo YIM