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To the Director of the US Parent and Trad



US	DEPARTMENT OF COMMERCE

Jisoo PARK Sook Jin LEE Name and Address of receiving party(ies) Electronics and Telecommunications Research Institute 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea 3 Nature of conveyance: X Assignment	10 the	Director of the O S. Fatent and Trau	100010700	Sitt.
Electronics and Telecommunications Research Institute 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea 3 Nature of conveyance X Assignment		Jisoo PARK Sook Jin LEE		
X Assignment Merger Change of Name Other Execution Date(s) December 8, 2010		Electronics and Telecommunications 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350,	•	
This document is being filed together with a new application OR ☐ This document is being filed after filing of the application: (a) Patent Application No(s). 12/963,075, filed December 8, 2010, or (b) Patent No(s) , issued 5 Name and address of party to whom correspondence concerning document should be mailed STAAS & HALSEY LLP Our Docket 2267 1176 Attention J Randall Beckers 1201 New York Ave , N.W , 7th Floor 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 Account) (Attach duplicate copy of this page if paying by deposit account) J Randall Beckers, Reg. No. 30,358 Name of Person Signing Total number of pages including cover sheet 2		X Assignment Security Agreement Other		
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7 Total fee (37 CFR 3 41) . (\$ 40 00 per Patent or Application in Assignment) Enclosed	5	STAAS & HALSEY LLP Attention J Randall Beckers 1201 New York Ave , N.W , 7th Floor		
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Account) (Attach duplicate copy of this page if paying by deposit account) J. Randall Beckers, Reg. No. 30,358 Name of Person Signing Signature 12/15/2819 TWASHING 28999812 1/3935 129638 Total number of pages including cover sheet 2	7	Enclosed		ation in Assignment)
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Revised January, 2005

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Docket No.

U.S. ASSIGNMENT

SAH 1.00
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))

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

COMMUNICATION METHOD

rel	lating to International Patent Application		and/or for which			
арр	lication for Letters Patent of the United States	was executed on even	date herewith or, if not so executed, was:			
(a)) executed on ,	(Insert date of execution of application, if not concurrent)				
(b)) filed on ,		mey of STAAS & HALSEY LLP, 1201			
Senal No.;		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.				
and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn 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)	Park John	December 8, 2010				
2)	Sook Jirl LEE	December 8, 2010				
3)	Namsuk LEE	December 8, 2010				

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PATENT REEL: 025485 FRAME: 0555

RECORDED: 12/10/2010