

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Woo Jin BYUN</td><td>10/06/2009</td></tr><tr><td>Min Soo KANG</td><td>10/06/2009</td></tr><tr><td>Kwang Seon KIM</td><td>10/06/2009</td></tr><tr><td>Bong Su KIM</td><td>10/06/2009</td></tr><tr><td>Tae Jin CHUNG</td><td>10/06/2009</td></tr><tr><td>Myung Sun SONG</td><td>10/06/2009</td></tr></tbody></table>		Name	Execution Date	Woo Jin BYUN	10/06/2009	Min Soo KANG	10/06/2009	Kwang Seon KIM	10/06/2009	Bong Su KIM	10/06/2009	Tae Jin CHUNG	10/06/2009	Myung Sun SONG	10/06/2009
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RECEIVING PARTY DATA															
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE														
Street Address:	161 Gajeong-dong, Yuseong-gu,														
City:	Daejeon-city,														
State/Country:	REPUBLIC OF KOREA														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12613193</td></tr></tbody></table>		Property Type	Number	Application Number:	12613193										
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Application Number:	12613193														
CORRESPONDENCE DATA															
Fax Number: (202)434-1501 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 202-434-1500															
Email: ayoshino@s-n-h.com															
Correspondent Name: STAAS & HALSEY LLP															
Address Line 1: SUITE 700															
Address Line 2: 1201 NEW YORK AVENUE, N.W.															
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005															
ATTORNEY DOCKET NUMBER:	1998.1073														
NAME OF SUBMITTER:	J. Randall Beckers														

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U.S. ASSIGNMENT

S&H 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) BYUN, Woo Jin; KANG, Min Soo; KIM, Kwang Seon; KIM, Bong Su; CHUNG, Tae Jin; SONG, Myung Sun, (hereinafter, "ASSIGNOR") by

Name: Electronics and Telecommunications Research Institute
Address: 161 Gajeong-dong, Yuseong-gu, Daejeon-city, 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

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relating to International Patent Application PCT/JP _____ and/or for which application 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 ,

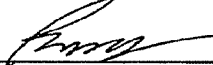


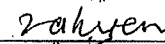

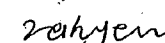

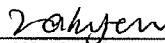

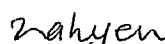
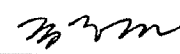
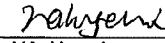
Serial No. ;

Any registered attorney of STAAS & HALSEY LLP, 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.

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)  BYUN, Woo Jin	10/06/2009	 NA, Hyemi
2)  KANG, Min Soo	10/06/2009	 NA, Hyemi
3)  KIM, Kwang Seon	10/06/2009	 NA, Hyemi
4)  KIM, Bong Su	10/06/2009	 NA, Hyemi
5)  CHUNG, Tae Jin	10/06/2009	 NA, Hyemi
6)  SONG, Myung Sun	10/06/2009	 NA, Hyemi

PATENT

RECORDED: 11/06/2009

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