

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>Youngpo LEE</td> <td>08/14/2012</td> </tr> <tr> <td>Seokho YOON</td> <td>08/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Youngpo LEE	08/14/2012	Seokho YOON	08/14/2012
Name	Execution Date						
Youngpo LEE	08/14/2012						
Seokho YOON	08/14/2012						
RECEIVING PARTY DATA							
Name:	Research & Business Foundation Sungkyunkwan University						
Street Address:	Sungkyunkwan University, 300, Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-746						
City:	Suwon-si						
State/Country:	KOREA, REPUBLIC OF						
Postal Code:	440-746						
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>13608133</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13608133		
Property Type	Number						
Application Number:	13608133						
CORRESPONDENCE DATA							
Fax Number:	2023153758						
Phone:	202-429-0020						
Email:	info@nsiplaw.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	NSIP LAW						
Address Line 1:	P.O. Box 34688						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043						
ATTORNEY DOCKET NUMBER:	042090.0005						
NAME OF SUBMITTER:	Chisty Hussain, Paralegal						
Total Attachments: 2 source=NewApp_0420900005_ASSIGNMENTasFiled#page1.tif source=NewApp_0420900005_ASSIGNMENTasFiled#page2.tif							

OP \$40.00 13608133

ASSIGNMENT

For valuable consideration, we,

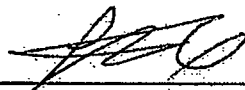
LEE, Youngpo	Rm. 23411, 1Gonghakgwan, Sungkyunkwan Univ., 300 Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do, 440-746, Republic of Korea
YOON, Seokho	Rm. 23411, 1Gonghakgwan, Sungkyunkwan Univ., 300 Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do, 440-746, Republic of Korea

hereby assign to:

Research & Business Foundation Sungkyunkwan University, a Republic of Korea corporation/institution/foundation/institute having principal executive office(s) or place of business at: Sungkyunkwan University 300, Cheoncheon-dong, Jangan-gu, Suwon-si Gyeonggi-do 440-746, Republic of Korea; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 13/608,133 filed September 10, 2012 at the U.S. Patent & Trademark Office signed by us, with title **FREQUENCY OFFSET ESTIMATION APPARATUS AND METHOD OF OFDM SYSTEM**, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This 14 day of August, 2012



Signature: LEE, Youngpo

This 14 day of August, 2012

Seokho Yoon

Signature: YOON, Seokho