

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>PANSOO KIM</td> <td>09/05/2012</td> </tr> <tr> <td>DEOCK GIL OH</td> <td>09/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	PANSOO KIM	09/05/2012	DEOCK GIL OH	09/06/2012
Name	Execution Date						
PANSOO KIM	09/05/2012						
DEOCK GIL OH	09/06/2012						
RECEIVING PARTY DATA							
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE						
Street Address:	161 GAJEONG-DONG, YUSEONG-GU						
City:	DAEJEON						
State/Country:	KOREA, REPUBLIC OF						
Postal Code:	305-700						
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>13613272</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13613272		
Property Type	Number						
Application Number:	13613272						
CORRESPONDENCE DATA							
Fax Number:	3124276663						
Phone:	3124271300						
Email:	cmoore@ladas.net						
<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:	RICHARD J. STREIT						
Address Line 1:	LADAS & PARRY, 224 SOUTH MICHIGAN AVE.						
Address Line 4:	CHICAGO, ILLINOIS 60604						
ATTORNEY DOCKET NUMBER:	CU-9914 RJA/CM						
NAME OF SUBMITTER:	Loren K. Thompson						
Total Attachments: 2 source=cu9914assignment#page1.tif source=cu9914assignment#page2.tif							

CH \$40.00 13613272

UNITED STATES OF AMERICA
ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

ASSIGNOR:

1) Pansoo KIM of Electronics and Telecommunications Research Institute,
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea; and

2) Deock Gil OH of Electronics and Telecommunications Research Institute,
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea

hereby sells, assigns and transfers to

ASSIGNEE: Electronics and Telecommunications Research Institute
of 161 Gajeong-dong, Yuseong-gu, Daejeon 305-700,
Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled:

DATA TRANSMISSION AND RECEPTION METHOD AND APPARATUS ROBUST AGAINST PHASE NOISE FOR HIGH EFFICENCY SATELLITE TRANSMISSION

which application was

(a) executed by the undersigned on _____

(b) filed as Serial No. _____ on _____

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

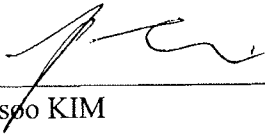
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits

required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have set our hand and seal

5 Sep. 2012

Date



Pansoo KIM

6 Sep 2012

Date



Deock Gil OH