

## 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>CHUNG SUP KIM</td> <td>02/25/2013</td> </tr> <tr> <td>KI CHEOL TAE</td> <td>02/25/2013</td> </tr> <tr> <td>KANGHEE KIM</td> <td>02/25/2013</td> </tr> <tr> <td>HEUNG YONG KANG</td> <td>02/25/2013</td> </tr> <tr> <td>SOO-HO SOHN</td> <td>02/25/2013</td> </tr> <tr> <td>YONG-SEOK CHOI</td> <td>02/25/2013</td> </tr> <tr> <td>JAE ICK CHOI</td> <td>02/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	CHUNG SUP KIM	02/25/2013	KI CHEOL TAE	02/25/2013	KANGHEE KIM	02/25/2013	HEUNG YONG KANG	02/25/2013	SOO-HO SOHN	02/25/2013	YONG-SEOK CHOI	02/25/2013	JAE ICK CHOI	02/25/2013
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<table border="1"> <tr> <td>Name:</td> <td>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>161 GAJEONG-DONG, YUSEONG-GU</td> </tr> <tr> <td>City:</td> <td>DAEJEON</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>305-700</td> </tr> </table>		Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	Street Address:	161 GAJEONG-DONG, YUSEONG-GU	City:	DAEJEON	State/Country:	KOREA, REPUBLIC OF	Postal Code:	305-700						
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CORRESPONDENCE DATA																	
Fax Number:	3124276663																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	CU-70369 AVL/CS																

NAME OF SUBMITTER:

Loren K. Thompson

Total Attachments: 3

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**UNITED STATES OF AMERICA**  
**ASSIGNMENT**

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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 other good and valuable consideration,

**ASSIGNOR:**

- 1) Chung Sup KIM of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea;
- 2) Ki Cheol TAE of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea;
- 3) Kanghee KIM of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea;
- 4) Heung Yong KANG of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea;
- 5) Soo-Ho SOHN of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea;
- 6) Yong-Seok CHOI of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea; and
- 7) Jae Ick CHOI 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

**TITLE OF INVENTION:**

APPARATUS AND METHOD FOR MODULATION CLASSIFICATION IN WIRELESS  
COMMUNICATION SYSTEM

and which is found in (37 CFR 3.21)

- ☒ (a) Not yet filed U.S. patent application executed on even date herewith
- ☐ (b) Not yet filed U.S. patent application executed on \_\_\_\_\_  
(insert date of execution of Declaration)
- ☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- ☐ (c) U.S. patent or provisional patent application No. \_\_\_\_\_  
filed on \_\_\_\_\_
- ☐ (d) International application No. \_\_\_\_\_  
filed on \_\_\_\_\_

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any 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, litigation or proceeding 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, I/we have set our hand and seal

*Note: The date of signing must be the same as the date of execution of the application if item (a) was checked above.*

2013. 2. 25  
\_\_\_\_\_  
Date

2013. 2. 25  
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Date

2013. 02. 25  
\_\_\_\_\_  
Date

2013. 02. 25  
\_\_\_\_\_  
Date

Kim Chung Sup  
\_\_\_\_\_  
Chung Sup KIM

Tae Ki Cheol  
\_\_\_\_\_  
Ki Cheol TAE

Kim, Kanghee  
\_\_\_\_\_  
Kanghee KIM

Heung Yong KANG  
\_\_\_\_\_  
Heung Yong KANG

IP20111878

2013.2.25  
Date  
2013. 2/25  
Date  
Feb. 25, 2013  
Date

[Signature]  
Soo-Ho SOHN  
[Signature]  
Yong-Seok CHOI  
J. I. Choi  
Jae Ick CHOI

L&P 09/2012 (Assignment -- entire interest -- US rights only)