

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Seung Hyun CHO</td><td>10/10/2012</td></tr> <tr><td>Jie Hyun LEE</td><td>10/10/2012</td></tr> <tr><td>Kwang Ok Kim</td><td>10/10/2012</td></tr> <tr><td>Eui Suk JUNG</td><td>10/10/2012</td></tr> <tr><td>Seung Il MYONG</td><td>10/10/2012</td></tr> <tr><td>Sang Soo LEE</td><td>10/10/2012</td></tr> <tr><td>Jong Hyun LEE</td><td>10/10/2012</td></tr> </tbody> </table>		Name	Execution Date	Seung Hyun CHO	10/10/2012	Jie Hyun LEE	10/10/2012	Kwang Ok Kim	10/10/2012	Eui Suk JUNG	10/10/2012	Seung Il MYONG	10/10/2012	Sang Soo LEE	10/10/2012	Jong Hyun LEE	10/10/2012
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<table border="1" style="width: 100%; border-collapse: collapse;"> <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: 6177424214 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617-573-4700 Email: ipboston.docketing@nelsonmullins.com Correspondent Name: NELSON MULLINS RILEY & SCARBOROUGH LLP F Address Line 1: ONE POST OFFICE SQUARE Address Line 4: BOSTON, MASSACHUSETTS 02109																	
ATTORNEY DOCKET NUMBER:	MH7-206																

CH \$40.00 13729521

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PATENT
REEL: 029539 FRAME: 0949

NAME OF SUBMITTER:

EuiHoon Lee

Total Attachments: 4

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PATENT

REEL: 029539 FRAME: 0950

ASSIGNMENT

I/We, Seung Hyun CHO of Daejeon, Republic of Korea, Jie Hyun LEE of Daejeon, Republic of Korea, Kwang Ok KIM of Jeonju-si, Jeonbuk, Republic of Korea, Eui Suk JUNG of Daejeon, Republic of Korea, Seung Il MYONG of Daejeon, Republic of Korea, Sang Soo LEE of Daejeon, Republic of Korea and Jong Hyun LEE of Daejeon, Republic of Korea, in consideration of One Dollar and other valuable consideration paid to me/us by

Electronics and Telecommunications Research Institute

having its principal place of business at 161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Electronics and Telecommunications Research Institute

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

SIGNAL TRANSMISSION APPARATUS AND OPTICAL MODEM MODULATION METHOD

described in an application

☒ executed by us of even date herewith and about to be filed

☐ Serial No. _____, filed on _____

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon.

And I/we agree, for myself/ourselves and my/our executor(s) and administrator(s), with said assignee and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said assignee, with specifications and claims in such form as shall be approved by the counsel of said assignee and to vest and confirm in said assignee, its successors and assigns, the legal title to all such patents.

And I/we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said assignee, its successors and assigns. And I/we do further hereby grant the attorneys/agents of Nelson Mullins Riley and Scarborough LLP, One Post Office Square, Boston, Massachusetts 02109-2127, the power to insert on this Assignment the filing date and/or application number of said application.

By: Seung-Hyun CHO
Seung Hyun CHO

Date: Oct. 10, 2012

Witnesses:

Witness 1

Date

Witness 2

Date

By: Jie Hyun LEE
Jie Hyun LEE

Date: Oct. 10, 2012

Witnesses:

Witness 1

Date

Witness 2

Date

By: Kwang Ok KIM
Kwang Ok KIM

Date: Oct. 10, 2012

Witnesses:

Witness 1

Date

Witness 2

Date

By: Eui Suk Jung
Eui Suk JUNG

Date: 10 Oct. 2012

Witnesses:

Witness 1

Date

Witness 2

Date

By: Seung Il MYONG
Seung Il MYONG

Date: OCT 10, 2012

Witnesses:

Witness 1

Date

Witness 2

Date

By: Sang Soo LEE
Sang Soo LEE

Date: Oct. 10, 2012

Witnesses:

Witness 1

Date

Witness 2

Date

By: Lee Jong Hyun
Jong Hyun LEE

Date: Oct. 10. 2012

Witnesses:

Witness 1

Date

Witness 2

Date