

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seong-Jun BAE</td> <td>09/02/2010</td> </tr> <tr> <td>Jeong Ju YOO</td> <td>09/02/2010</td> </tr> <tr> <td>Jin Woo HONG</td> <td>09/02/2010</td> </tr> <tr> <td>Sung Jea KO</td> <td>09/02/2010</td> </tr> <tr> <td>Hye Soo KIM</td> <td>09/02/2010</td> </tr> <tr> <td>Hyeong Min NAM</td> <td>09/02/2010</td> </tr> </tbody> </table>		Name	Execution Date	Seong-Jun BAE	09/02/2010	Jeong Ju YOO	09/02/2010	Jin Woo HONG	09/02/2010	Sung Jea KO	09/02/2010	Hye Soo KIM	09/02/2010	Hyeong Min NAM	09/02/2010
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Hyeong Min NAM	09/02/2010														
<b>RECEIVING PARTY DATA</b>															
Name:	Electronics and Telecommunications Research Institute														
Street Address:	161 Gajeong-dong														
Internal Address:	Yuseong-gu														
City:	Daejeon														
State/Country:	REPUBLIC OF KOREA														
Postal Code:	305-700														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12808133</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12808133										
Property Type	Number														
Application Number:	12808133														
<b>CORRESPONDENCE DATA</b>															
Fax Number:	(617)742-4214														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	617-227-7400														
Email:	nlt@lahive.com														
Correspondent Name:	LAHIVE & COCKFIELD, LLP FLOOR 30, SUITE														
Address Line 1:	ONE POST OFFICE SQUARE														
Address Line 2:	EuiHoon Lee														
Address Line 4:	BOSTON, MASSACHUSETTS 02109														
ATTORNEY DOCKET NUMBER:	MH7-021US														

CH \$40.00 12808133

**501282640**

**PATENT**  
**REEL: 024942 FRAME: 0089**

NAME OF SUBMITTER:

EuiHoon Lee

Total Attachments: 4

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**ASSIGNMENT**

I/We, BAE, Seong-Jun of Daejeon, Republic of Korea; YOO, Jeong Ju of Daejeon, Republic of Korea; HONG, Jin Woo of Daejeon, Republic of Korea; KO, Sung Jea of Seoul, Republic of Korea; KIM, Hye Soo of Seoul, Republic of Korea; NAM, Hyeong Min of Seoul, 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

**SERVER, TERMINAL AND METHOD FOR END TO  
END CHANNEL CAPACITY ESTIMATION IN HIGH  
SPEED DOWNLINK PACKET ACCESS NETWORK**

described in an application

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


Serial No. 12/808,133, filed on June 14, 2010

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 Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

By:   
BAE, Seong-Jun

Date: September 2, 2010

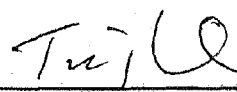
Witnesses:

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Witness 1

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Witness 2

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Date

By:   
YOO, Jeong Ju

Date: September 2, 2010

Witnesses:

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Witness 1

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Witness 2

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Date

By:   
HONG, Jin Woo

Date: September 2, 2010

Witnesses:

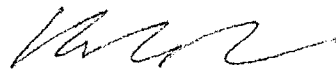
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Date

IP20070772A 특허청인 문헌

By:   
KO, Sung Jea

Date: September 2, 2010

Witnesses:

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Witness 1

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Date

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Witness 2

\_\_\_\_\_  
Date

By:   
KIM, Hye Soo

Date: Sep 2, 2010

Witnesses:

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NAM, Hyecong Min

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