501933166 05/24/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yong-Hwan Lee	05/16/2012
Han-Jun Park	05/16/2012
Keon-Wook Lee	05/16/2012

RECEIVING PARTY DATA

Name:	SNU R&DB FOUNDATION	
Street Address:	San 56-1, Shillim-dong	
City:	Gwanak-gu, Seoul	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	151-742	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13479939

CORRESPONDENCE DATA

Fax Number: (509)838-3424 Phone: 509-624-4276

Email: docketing@wellsstjohn.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: D. Brent Kenady
Address Line 1: 601 West First Avenue

Address Line 2: Suite 1300

Address Line 4: Spokane, WASHINGTON 99201-3828

ATTORNEY DOCKET NUMBER:	HA126-001
NAME OF SUBMITTER:	D. Brent Kenady

Total Attachments: 4

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif

> PATENT REEL: 028266 FRAME: 0632

OP \$40 00 13479939

<u>ASSIGNMENT</u>

PARTIES TO THE ASSIGNMENT:

INVENTOR:

[FIRST INVENTOR NAME] LEE, Yong-Hwan
[INVENTOR ADDRESS] 339-807, Sinbanpo Hanshin 20-cha Apt.,
Jamwon-dong, Seocho-gu, Seoul 137-030,
Republic of Korea
[INVENTOR CITIZENSHIP] Republic of Korea

[SECOND INVENTOR NAME] PARK, Han-Jun
[INVENTOR ADDRESS] 674-10, Gonghang-dong, Gangseo-gu, Seoul
157-240, Republic of Korea
[INVENTOR CITIZENSHIP] Republic of Korea

[THIRD INVENTOR NAME] LEE, Keon-Wook
[INVENTOR ADDRESS] 1212, Halla Billions Officetel, Guro 3-dong,
Guro-gu, Seoul 152-053, Republic of Korea
[INVENTOR CITIZENSHIP] Republic of Korea

ASSIGNEE:

[ASSIGNEE NAME] SNU R&DB FOUNDATION
[ASSIGNEE ADDRESS] San 56-1, Shillim-dong, Gwanak-gu, Seoul 151-742,
Republic of Korea
[ASSIGNEE CITIZENSHIP—IF APPLICABLE] Republic of Korea

BACKGROUND OF THIS ASSIGNMENT:

INVENTOR has conceived certain new and useful inventions disclosed

in a United States patent application entitled: METHOD AND APPARATUS FOR

ESTIMATING CHANNEL USING DEDICATED PILOT SIGNAL IN OFDM-BASED

WIRELESS COMMUNICATION SYSTEM

SNU R&DB FOUNDATION (hereinafter referred to as

"ASSIGNEE") desires to acquire the entire right, title and interest in said

inventions and with respect to any Letters Patent that may be granted with

respect to the inventions in both the United States and in all foreign

countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt,

sufficiency and adequacy of which is hereby acknowledged, INVENTOR has

sold, assigned and transferred, and by these present do hereby sell, assign

and transfer to ASSIGNEE the entire right, title and interest in the above-

identified inventions and application and to any reissues, renewals, divisions

or continuations of the application thereof, and hereby authorizes the

Commissioner of Patents and Trademarks to issue such Letters Patent to

ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

2 of 4

PATENT

REEL: 028266 FRAME: 0634

INVENTOR further agree to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any patent application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTOR further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTOR agrees to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTOR hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any

3 of 4

document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

INVENTOR: LEE, Yong-Hwan

Dated: May 16, 2012 Signature.

INVENTOR: PARK, Han-Jun

Dated: May 16, 2012 Signature: Han-Jun Park

INVENTOR: LEE, Keon-Wook

Dated: May 16, 2012

Signature: Kem - Wook Lee

4 of 4