502343315 05/10/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sung Jun YOON	05/10/2013

RECEIVING PARTY DATA

Name:	Pantech Co., Ltd.		
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City:	Seoul		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	121-792		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13891522

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P5296US00	
NAME OF SUBMITTER:	Sok K. Hong	
Signature:	/sok k hong/	
Date:	05/10/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT REEL: 030393 FRAME: 0984 OP \$40,00 13891522

ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

As a below named inventor and Assignor, I declare that:					
This assignment and declaration are directed to:					
The attached application entitled METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING REFERENCE SIGNAL IN WIRELESS COMMUNICATION SYSTEM having attorney docket number P5296US00 ("Application"), which claims priority from:					
Korean Patent Application No. <u>10-2012-0050406</u> , filed <u>May 11, 2012</u> .					
As amended on (if applicable):					
The above-identified Application was made or authorized to be made by me.					
I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application.					
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.					
Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("invention") disclosed in the Application,					
Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:					
PANTECH CO., LTD. Pantech Bldg., I-2, DMC Sangam-dong Mapo-gu Seoul 121-792 Republic of Korea					

PANTECH CO., LTD. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and



HC Park & Associates, PLC

Docket No. P5296US00

related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals 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.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

		Assignor	

Sung Jun YOON

Address:

PANTECH Bidg, I-2, DMC, Sangam-dong, Mapo-gu,

Seongdong-gu 121-792 Seoul Republic of Korea

First Inventor's and Assignor's Signature:

Date:

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