502574207 11/19/2013

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
BYUNG JANG JEONG	11/28/2011
YOUNG JO KO	11/28/2011
BANGWON SEO	11/28/2011
JAE YOUNG AHN	11/28/2011

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14031844	

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Total Attachments: 2
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PATENT REEL: 031630 FRAME: 0523

ASSIGNMENT

I/We, Byung Jang JEONG, Young Jo KO, Bangwon SEO and Jae Young AHN, in consideration of One Dollar and other valuable consideration paid to me/us by

Electronics & Telecommunications Research Institute

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

Electronics & 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

METHOD FOR GENERATING AND TRANSMITTING A REFERENCE SIGNAL FOR UPLINK DEMODULATION IN A CLUSTERED DFT-SPREAD OFDM TRANSMISSION SCHEME

described in an	application			

	\square	executed by me/us of even date herewith and about to be filed		
		Serial No, filed on		
States there	s and a of, or c	ed States Patent and Trademark Office, and in all Letters Patent of the United all foreign countries which may or shall be granted on said invention, or any parts on said application, or any divisional, continuing, reissue or other applications tole 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, the power to insert on this Assignment the filing date and/or application number of said application.

By:	1), With	
(N	ame) Byung Jang JEONG	
Date:	November 28, 2011	••••
Witness:	(Name)	Date
By:(N:	ame) Young Jo KO	
	November 28, 2011	•••
Witness:	(Name)	Date
By:(N:	4692 ame) Bangwon SEO	
Date:	November 28, 2011	 .
Witness:	(Name)	Date
By:(N:	Ame) Jac Young AHN	
	November 28, 2011	
Witness:	(Name)	Bate