

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAE-YOUNG LEE	06/29/2017
HEUNG-MOOK KIM	06/30/2017
SUNG-IK PARK	06/30/2017
SUN-HYOUNG KWON	06/30/2017
RECEIVING PARTY DATA	
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
Street Address:	(GAJEONG-DONG)218, GAJEONG-RO, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	34129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15541604
CORRESPONDENCE DATA	
Fax Number:	(202)315-3758
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	202-429-0020
Email:	pto@nsiplaw.com
Correspondent Name:	NSIP LAW
Address Line 1:	P.O. BOX 65745
Address Line 4:	WASHINGTON, D.C. 20035
ATTORNEY DOCKET NUMBER:	022096.0060
NAME OF SUBMITTER:	NEIL D. MILES
SIGNATURE:	/Neil D. Miles/
DATE SIGNED:	07/05/2017
Total Attachments: 3	
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COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

As a below-named inventor, I hereby declare that this declaration is directed to the application attached hereto, or to United States Application Number or PCT International Application Number PCT/KR2016/000152 filed on January 7, 2016 (if applicable), entitled:

BROADCASTING SIGNAL FRAME GENERATION APPARATUS AND METHOD USING LAYERED DIVISIONAL MULTIPLEXING

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For valuable consideration, I, as a below-named assignor, hereby assign to:

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
(Gajeong-dong) 218, Gajeong-ro, Yuseong-gu
Daejeon 34129
Republic of Korea

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are the subject of the application identified in the above declaration, which is United States Application Number or PCT International Application Number PCT/KR2016/000152 filed on January 7, 2016.

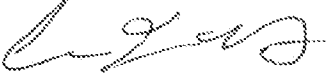
I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

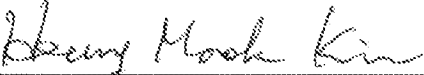
This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of

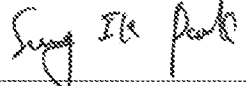
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exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

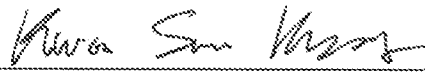
In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	LEE, Jae-Young		
Inventor's Signature		Date	June 29, 2017
Residence (City, Country)	Daejeon, Republic of Korea		
Mailing Address	501-1304, 416, Noeun-ro, Yuseong-gu, Daejeon 34094, Republic of Korea		

Inventor's Legal Name	KIM, Heung-Mook		
Inventor's Signature		Date	June 30, 2017
Residence (City, Country)	Daejeon, Republic of Korea		
Mailing Address	503-202, 33, Banseokdong-ro, Yuseong-gu, Daejeon 34069, Republic of Korea		

Inventor's Legal Name	PARK, Sung-Ik		
Inventor's Signature		Date	June 30, 2017
Residence (City, Country)	Daejeon, Republic of Korea		
Mailing Address	110-1203, 43, Gajeong-ro, Yuseong-gu, Daejeon 34118, Republic of Korea		

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Inventor's Legal Name	KWON, Sun-Hyoung		
Inventor's Signature		Date	June 30, 2017
Residence (City, Country)	Daejeon, Republic of Korea		
Mailing Address	510, 319, Daedeok-daero, Seo-gu, Daejeon 35214, Republic of Korea		