## 504655513 11/22/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SEUNG-HOON PARK	11/01/2017
MIN-GYU LEE	10/19/2017
TAE-JIN LEE	10/18/2017
JUNG-MIN MOON	11/01/2017
JUNGSOO JUNG	11/01/2017

#### RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI,
City:	GYEONGGI-DO, 16677
State/Country:	KOREA, REPUBLIC OF
Name:	RESEARCH & BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY
Name: Street Address:	RESEARCH & BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY 2066, SEOBU-RO, JANGAN-GU,

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15576675

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SP16143-US (SAMS06-16143)
NAME OF SUBMITTER:	JACOB L. LACOMBE
SIGNATURE:	/Jacob L. LaCombe/

PATENT REEL: 044202 FRAME: 0733

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DATE SIGNED:	11/22/2017
Total Attachments: 4	
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PATENT REEL: 044202 FRAME: 0734 DOCKET NO.: SP16143-PCT-US (SAMS06-16143)

PATENT

Client Ref.: MJ-201502-023-1-US0

### ASSIGNMENT

WHEREAS, We, Seung-Hoon PARK, resident of Mapo-gu, Seoul, Republic of Korea, Min-Gyu LEE, resident of Seongnam-si, Gyeonggi-do, Republic of Korea, Tae-Jin LEE, resident of Suwon-si, Gyeonggi-do, Republic of Korea, Jung-Min MOON, resident of Suwon-si, Gyeonggi-do, Republic of Korea and Jungsoo JUNG, resident of Seongnam-si, Gyeonggi-do, Republic of Korea have invented certain new and useful improvements in a "METHOD AND DEVICE FOR PERFORMING RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM" disclosed in an application for United States Letters Patent (Application No. \_/\_\_\_\_\_, filed on \_\_\_\_\_\_\_, said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea and RESEARCH & BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY, a corporation organized under the laws of the Republic of Korea, having a place of business at 2066, Seobu-ro, Jangan-gu, Suwon-si, Gyeonggi-do 16419, Republic of Korea (hereinafter referred to as "ASSIGNEES"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEES, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEES of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEES, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEES, its successors, assigns and legal representatives.

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We hereby further agree that we will communicate to said ASSIGNEES, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date:	2017. 11. 01	Strong-Hoop Park
		Seung-Hoon PARK
Date:		
		Min-Gyu LEE
Date:		
		Tae-Jin LEE
Date:	2017. 11. 01	
		Jung-Min MÖON
Date:	2017. 11. 01	
		Indoor H MC

We hereby further agree that we will communicate to said ASSIGNEES, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date:	
	Seung-Hoon PARK
Day 19.0CE. 2017	MINGIV LEE
	Min-Gyu LEE
Date:	
	Tae-Jin LEE
Date:	
	Jung-Min MOON
Date:	
	Jungsoo JUNG

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We hereby further agree that we will communicate to said ASSIGNEES, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date:		***************************************
	Seung-Hoon PARK	
Date:	Min-Gyu LEE	
	www.manage	
Date: Oct. 18,201	James	
	Tac-Jin LEE	
Date:		
	Jung-Min MOON	
Date:		
	Jungsoo JUNG	

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