504564101 09/25/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONG-HAN PARK	09/22/2017
DUC-KEY LEE	09/22/2017
SANG-SOO LEE	09/22/2017
TAE-SUN YEOUM	09/22/2017
SONG-YEAN CHO	09/22/2017

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15561491

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	R: P22532-US (SAMS05-22532)	
NAME OF SUBMITTER:	WILLIAM A. MUNCK	
SIGNATURE:	/William A. Munck/	
DATE SIGNED:	09/25/2017	

Total Attachments: 4

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PATENT 504564101 REEL: 043686 FRAME: 0146

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PATENT REEL: 043686 FRAME: 0147

ASSIGNMENT

WHEREAS, We, Jong-Han PARK, resident of Bucheon-si, Gyeonggi-do, Republic of K orea, citizen of Republic of Korea and, Duc-Key LEE, resident of Seocho-gu, Seoul, Republic of Korea, citizen of Republic of Korea and, Sang-Soo LEE, resident of Yongin-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea and, Tae-Sun YEOUM, resident of Mapo-gu, S eoul, Republic of Korea, citizen of Republic of Korea and, Song-Yean CHO, resident of Dongja k-gu, Seoul, Republic of Korea, citizen of Republic of Korea, have invented certain new and usef ul improvements in a "METHOD AND APPARATUS FOR DOWNLOADING PROFILE IN WIRELESS COMMUNICATION SYSTEM" disclosed in an application for United State s Letters Patent (Application Serial No. __/_____, filed on ____, said application having been exe cuted 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, Su won-si, Gyeonggi-do, 16677, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desi rous of acquiring our entire right, title and interest in and to the invention, and in and to the said a pplication 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, their 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, their 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, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEES, or to their 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, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: 30 17.9, 22	Jong-Han PARK
Date: 30 (7, 9, 22	0 (3)
	Duc-Key LEE
Date:	Sang-Soo LEE
Date:	Tae-Sun YEOUM
Date: 30 19.32.	Song Yean CHO

We hereby further agree that we will communicate to said ASSIGNEES, or to their 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, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date:	
	Jong-Han PARK
Date:	
	Duc-Key LEE
Date: 1 and Sep 2012	Sang-Soo LEE
Date:	
	Tae-Sun YEOUM
Date:	
	Song-Yean CHO

We hereby further agree that we will communicate to said ASSIGNEES, or to their 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, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date:	
	Jong-Han PARK
Date:	Duc-Key LEE
Date:	Sang-Soo LEE
Date: 2019.9.22.	gann,
	Tae-Sun YEOUM
Date:	O. W. OHO
	Song-Yean CHO