503828513 05/16/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
JINYUP KIM	04/27/2016	
GEONSOO KIM	04/28/2016	

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD		
Street Address:	129, SAMSUNG-RO		
Internal Address:	YEONGTONG-GU, SUWON-SI		
City:	GYEONGGI-DO		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	16677		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15156202

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SAMS07-62011
NAME OF SUBMITTER:	WILLIAM A. MUNCK
SIGNATURE:	/William A. Munck/
DATE SIGNED:	05/16/2016

Total Attachments: 2

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PATENT 503828513 REEL: 038609 FRAME: 0339

DOCKET NO. YPF201602-0011/US (SAMS07-62011) Client Ref. No. GM-201403-037-1-US0 **PATENT**

ASSIGNMENT

W	HEREAS, We,	Jinyup Kim, 1	resident of	Yongin-si,	Gyeonggi-do	, Republic	of Korea,
citizen of	Republic of Ko	rea, and Geons	soo Kim, res	sident of Su	won-si, Gyce	onggi-do, R	epublic of
Korea, cit	izen of Republ	ic of Korea, h	ave invente	d certain n	cw and usefi	ul improven	nents in a
"ELECTR	ONIC DEVICE	AND BIDIRI	ECTIONAL	COMMUN	VICATION C	ONTROL I	METHOD
THEREO	F" disclosed in	an application	for United	States Lett	ers Patent (A	pplication	Serial No.
_/	, filed on		, said ε	pplication	having been o	executed co	ncurrently
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 (hereinafter referred to as "ASSIGNEE"), 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 ASSIGNEE, 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 ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, 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 ASSIGNEE, its successors, assigns and legal representatives.

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PATENT REEL: 038609 FRAME: 0340 We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, 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 ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: Apr 27,2016

JINYUP KIM

Date: April 28, 2016

GEONSOO KIM