# 503682142 02/05/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3728778

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT			
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RATNAKAR, NIRANJAN N. previously recorded on Reel 037663 Frame 0408. Assignor(s) hereby confirms the RATNAKER, NIRANJAN N			
CONVEYING PARTY DATA				

Name	Execution Date
NIRANJAN N. RATNAKAR	02/01/2016
PRANAV DAYAL	02/01/2016
HAECHUL LEE	02/02/2016

### **RECEIVING PARTY DATA**

Name:	SAMSUNG ELECTRONICS CO., LTD
Street Address:	129, SAMSUNG-RO, YEONGTON-GU
City:	SUWON-SI, GYEONGGI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	443-742

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

Property Type	Number
Application Number:	15007086

### **CORRESPONDENCE DATA**

Fax Number:

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.

Phone:	408-512-1907		
Email:	efs@ipinvestlaw.com		
Correspondent Name:	INTELLECTUAL PROPERTY INVESTMENT LAW GRO		
Address Line 1:	3150 DE LA CRUZ BLVD.		
Address Line 2:	SUITE 206		
Address Line 4:	SANTA CLARA, CALIFORNIA 95054		
ATTORNEY DOCKET NUMBER:		49-056	
NAME OF SUBMITTER:		HAN SAEM HONG	
SIGNATURE:		/Han Saem Hong/	
DATE SIGNED:		02/05/2016	

This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 9** 

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## PATENT ASSIGNMENT COVER SHEET

## Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYP	PE: NEW ASSIGNMENT				
NATURE OF CONV	VEYANCE:	ASSIGNMENT			
CONVEYING PAR	TY DATA				
	N	ame	Execution Date		
NIRANJAN N. RATNAKER			02/01/2016		
PRANAV DAYAL			02/01/2016		
HAECHUL LEE			02/02/2016		
RECEIVING PART	Y DATA				
Name:	SAMSUNG ELE	CTRONICS CO., LTD			
Street Address:	129, SAMSUNG	-RO, YEONGTON-GU			
City:	SUWON-SI, GY	EONGGI			
State/Country:	KOREA, REPUBLIC OF				
Postal Code:	443-742				
Property T	/pe Number				
Application Numbe					
CORRESPONDEN	CE DATA				
Fax Number:	CE DATA 408-512-	1907			
Fax Number: Phone: Email:	408-512- Efs@ipinv	vestlaw.com			
Fax Number: Phone: Email: Correspondence will be s provided; if that is unsue	408-512- Efs@ipinv sent to the e-mail add ccessful, it will be sent	vestlaw.com ress first; if that is unsuccessful, it v t via US Mail.			
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Fax Number: Phone: Email: <i>Correspondence will be s</i> <i>provided; if that is unsue</i> Correspondent Name: Address Line 1:	408-512- Efs@ipinv sent to the e-mail add ccessful, it will be sent INTELLE 3150 DE SUITE 20 SANTA C	vestlaw.com ress first; if that is unsuccessful, it v t via US Mail. CTUAL PROPERTY INVESTMEN LA CRUZ BLVD. 6			
Fax Number: Phone: Email: Correspondence will be s provided; if that is unsue Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	408-512- Efs@ipinv sent to the e-mail add ccessful, it will be sent INTELLE 3150 DE SUITE 20 SANTA C	vestlaw.com ress first; if that is unsuccessful, it v via US Mail. CTUAL PROPERTY INVESTMEN LA CRUZ BLVD. 6 CLARA, CALIFORNIA 95054			
Fax Number: Phone: Email: Correspondence will be s provided; if that is unsue Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	408-512- Efs@ipinv sent to the e-mail add ccessful, it will be sent INTELLE 3150 DE SUITE 20 SANTA C	vestlaw.com ress first; if that is unsuccessful, it v via US Mail. CTUAL PROPERTY INVESTMEN LA CRUZ BLVD. 6 2LARA, CALIFORNIA 95054 49-056			

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#### 2/5/2016

Assignment

	A			
Date: 02/04/2016				
	This document serves as an Oath/Declaration (37 CFR 1.63).			
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	02/04/2016			

SAMSUNG ELECTRONICS CO., LTD.

## COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY OR DESIGN PATENT APPLICATION AND ASSIGNMENT FORM<sup>1</sup>

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

## Title: COMPUTING SYSTEM WITH COMMUNICATION LINK MECHANISM AND METHOD OF OPERATION THEREOF

.....

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

### Section I. Declaration

This declaration is directed to:



The attached U.S. non-provisional patent application, or

- U.S. non-provisional patent application number <u>15/007,086</u>, filed on <u>January 26, 2016</u>, or
- PCT international patent application number \_\_\_\_\_\_, filed on

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

I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.

<sup>1</sup> This form requir	es the use of an Application Data	Sheet.		
SEC Ref No	WB-201509-003-1	Attorney Ref No	49-056	
COMBINED DE	CLARATION (37 CFR 1.63) FOR I	UTILITY PATENT APPLICATION	AND ASSIGNMENT FO	ORM
	ş	Page 1 of 4	PATENT	
		REE	L: 037703 FRAM	IE: 0800

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

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

#### Section II. Assignment

In consideration of and according to the provisions of the Assignor's employment agreement(s), the undersigned hereby sell(s) and assign(s) to

Samsung Electronics Co., Ltd.

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention or design described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions or designs as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

SEC Ref No.	WB-201509-003-1	Attorney Ref No	49-056	
COMBINED DE	CLARATION (37 CFR 1.63) FOR	UTILITY PATENT APPLICATIO	N AND ASSIGNMENT FORM	
	ş	Page 2 of 4	PATENT	
		REE	L: 037703 FRAME: 080	1

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Intellectual Property Investment Law Group the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

### Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME	OF	Family Name	First Given Na	me	Second Given Nam
FIRST INVENTOR/ASSIC	GNOR	Ratnakar	Niranjan		N
SIGNA	STURE			DATE	Febs 1, 2016
SEC Ref No.	WB-201	509-003-1	Attorney Ref No.		49-056

Page 3 of 4

REEL: 037703 FRAME: 0802

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Dayal	Pranav	
SIGNATURE	France Day	DATE	02/01/16

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	Lee	Haechul	
SIGNATURE		DATE	

SEC Ref No.	WB-201509-003-1	Attorney Ref No	49-056	
COMBINED DE	CLARATION (37 CFR 1.63) FOR U	JTILITY PATENT APPLICATION	AND ASSIGNMENT FO	RM
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LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Family Name	First Given		Second Given Name
	Dayal	Pranav		
			DATE	

LEGAL NAME OF THIRD	Family Name	First Give	n Name	Second Given Name
INVENTOR/ASSIGNOR	Lee Hae		hul	
SIGNATURE	0 311 22		DATE	2016.02.02

SEC Ref No.	WB-201509-003-1	Attorney Ref No.	49-056
COMBINED DE	CLARATION (37 CFR 1.63) FOR I	JTILITY PATENT APPLICA 'age 4 of 4	TION AND ASSIGNMENT FORM

## PATENT REEL: 037703 FRAME: 0804

## RECORDED: 02/05/2016