#### 06/14/2016 503870604

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3917253

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YONG-HO JEON	05/17/2016
SANG-SU KIM	05/17/2016
CHEOL KIM	05/17/2016
YONG-SUK TAK	05/17/2016
MYUNG-GEUN SONG	05/17/2016
GI-GWAN PARK	05/17/2016

## **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15182024	

## **CORRESPONDENCE DATA**

Fax Number: (703)207-0003

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: 703-207-0008 eoa@lee-iplaw.com Email: LEE & MORSE, P.C. **Correspondent Name:** 

3141 FAIRVIEW PARK DRIVE Address Line 1:

Address Line 2: SUITE 500

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	275/1058_00
NAME OF SUBMITTER:	EUGENE M. LEE
SIGNATURE:	/Eugene M. Lee/
DATE SIGNED:	06/14/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT **REEL: 038910 FRAME: 0455** 

503870604

## **Total Attachments: 5** source=Assignment\_2016\_06\_08#page1.tif source=Assignment\_2016\_06\_08#page2.tif source=Assignment\_2016\_06\_08#page3.tif source=Assignment\_2016\_06\_08#page4.tif

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**PATENT REEL: 038910 FRAME: 0456** 

# COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY 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:	SEMI	SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME					
for whi patent		gnor is about to make or has ma	ade United States or Into	ernational application for			
WHERE	EAS, as	a below named inventor(s), I/(w	ve) hereby declare that:				
Section	n I. De	claration					
This de	eclaratio	on is directed to:					
	$\boxtimes$	The attached U.S. non-provision	onal patent application,	or			
		U.S. non-provisional patent ap		, filed on			
		PCT international patent applic	cation number	, filed on			
The ab	ove-ide	entified application was made or	r authorized to be made	by me (us).			
		that I am (we are) the original in ne above-identified application.	nventor (original joint in	ventors) of a claimed			
		acknowledge that any willful fal ider 18 U.S.C. 1001 by fine or im					
1 This fo	orm redi	uires the use of an Application Data Sh	eet.				
SEC Ref	f No.	1E-201507-011-1-US0	Attorney Ref No.	275/1058_00 SIP150133US			

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 1 of 5

PATENT::
REEL: 038910 FRAME: 0457

SAMSUNG ELECTRONICS CO., LTD.

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 the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, 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 16677, 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 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 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;

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

IE-201507-011-1-US0	Attorney Ref No.	275/1058_00
		SIP150133US
		IE-201507-011-1-US0 Attorney Ref No.

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 2 of 5

SAMSUNG ELECTRONICS CO., LTD.

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 coverants 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 LEE & MORSE, PC 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 Name	Second Given Name
FIRST INVENTOR/ASSIGNOR	JEON	Yong-Ho	

			***************************************
SEC Ref No.	IE-201507-011-1-US0	Attorney Ref No.	275/1058_00
		*****	SIP150133US

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LEGAL NAME OF	Family Name	First Given Name	Second Given Name	
SECOND INVENTOR/ASSIGNOR	KIM	Sang-Su		
	Francisco Sp. 50	DATE	May 17, 2016	

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
THIRD INVENTOR/ASSIGNOR	KIM	Cheol	
SIGNATURE	Muchal	DATE	Nay 17, 2016

LEGAL NAME OF	Fa	mily Name	First Given Name	Second Given Name
FOURTH INVENTOR/ASSIGNOR		TAK	Yong-Suk	
SIGNATURE	TAK	Yong-Gile	DATE	May 17,20/6

 SEC Ref No.
 IE-201507-011-1-US0
 Attorney Ref No.
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## SAMSUNG ELECTRONICS CO., LTD.

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIFTH INVENTOR/ASSIGNOR	SONG	Myung-Geun	

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SIXTH NVENTOR/ASSIGNOR	PARK	Gi-Gwan	
	100/	DAT	E ./ /
		54:	May, 19, 2016

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		Attorney Ref No.	ermigni33118
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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 5 of 5

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