PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3276726

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SOO-HYUN YOON	01/26/2015
BYEONG-SOO KIM	01/26/2015
KYOUNG-MIN LEE	01/26/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29518837

CORRESPONDENCE DATA

Fax Number: (860)286-0155

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: 8602862929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: JAMES J. MERRICK/ CANTOR COLBURN LLP

Address Line 1: 20 CHURCH STREET, 22ND FLOOR

Address Line 2: SUN0640US

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	SUN0640US	
NAME OF SUBMITTER:	JAMES J. MERRICK	
SIGNATURE:	/James J. Merrick/	
DATE SIGNED:	03/23/2015	

Total Attachments: 2

source=SUN0640US#page1.tif source=SUN0640US#page2.tif

PATENT 503230108 REEL: 035227 FRAME: 0919

DECLARATION AND ASSIGNMENT

THE OLINVER	DE CLEANER
As a below nar	med inventor, I hereby declare that:
This d	eclaration is directed to:
	[X] the attached application (Attorney Docket Number SUN0640US), or
	United States application or PCT international application number filed on

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

Whereas, Samsung Electronics Co., Ltd., a corporation of Country of Korea having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all

Page 1 of 2

SUN0640US

documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

I 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.

Legal Name of Inventor:	Soo-Hyun YOON	
Signature:		Date: 2015.01.26
Legal Name of Inventor:	Bycong-Soo KIM	
Signature:	Alian	Date: <u>2015.01.26</u>
Legal Name of Inventor:	Kyoung-Min LEE	
	Lee, kyoung min	
Signature:	- Contraction of the contraction	Date: 2015.01.26

Page 2 of 2

PATENT REEL: 035227 FRAME: 0921