

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3316181

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SAMSUNG SEMICONDUCTOR, INC.	11/26/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SAMSUNG DISPLAY CO., LTD.	
<b>Street Address:</b>	95, SAMSUNG 2 RO, GIHEUNG-GU	
<b>City:</b>	YONGIN-CITY, GYEONGGI-DO	
<b>State/Country:</b>	KOREA, REPUBLIC OF	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Application Number:</b>	14535216
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(626)577-8800	
<i>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.</i>		
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<b>Email:</b>	pto@cph.com,sheila.harter@cph.com	
<b>Correspondent Name:</b>	CHRISTIE, PARKER & HALE, LLP	
<b>Address Line 1:</b>	PO BOX 29001	
<b>Address Line 4:</b>	GLENDALE, CALIFORNIA 91209	
<b>ATTORNEY DOCKET NUMBER:</b>	74224/S1421	
<b>NAME OF SUBMITTER:</b>	SHEILA R. HARTER	
<b>SIGNATURE:</b>	/Sheila R. Harter/	
<b>DATE SIGNED:</b>	04/17/2015	
<b>Total Attachments: 2</b>		
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**ASSIGNMENT**

**WHEREAS, SAMSUNG SEMICONDUCTOR, INC. ("SSI")**, a California corporation, having a place of business at 217 Devcon Drive, San Jose, California 95112 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNOR"), is the ASSIGNEE of U.S. Application No. 14/535,216 for United States Letters Patent entitled **TRACE STRUCTURE FOR IMPROVED ELECTRICAL SIGNALING**, filed November 6, 2014, and all of the improvements disclosed therein, together with a claim of benefit to U.S. Provisional Application No. 61/912,472, filed December 5, 2013 (hereafter, called "Non-Provisional Application").

**AND WHEREAS, SAMSUNG DISPLAY CO., LTD.**, a Republic of Korea corporation, having a place of business at 95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Republic of Korea (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE"), wants to acquire the entire right, title and interest in and to said Non-Provisional Application, and all the improvements disclosed therein, and ASSIGNOR is willing to enter into such assignment.

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said Non-Provisional Application and all divisionals and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and ASSIGNOR does hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

**ASSIGNOR** hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith;

**ASSIGNOR** hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said patent, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said invention in all countries.

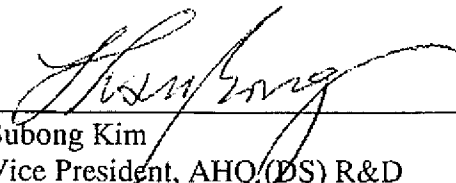
**ASSIGNMENT**

**Docket No. 74224/S1421**

IN TESTIMONY WHEREOF, I hereunto set my hand this 26<sup>th</sup> day of November,  
2014.

SAMSUNG SEMICONDUCTOR, INC. ("SSI")

By

  
Subong Kim  
Vice President, AHQ (DS) R&D

**Witness 1**

Signature \_\_\_\_\_

Name (print) \_\_\_\_\_

Date \_\_\_\_\_

**Witness 2**

Signature \_\_\_\_\_

Name (print) \_\_\_\_\_

Date \_\_\_\_\_

JYK/srh

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