

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4004784

<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 ELECTRO-MECHANICS CO., LTD.	06/17/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF SEOUL INDUSTRY COOPERATION FOUNDATION
<b>Street Address:</b>	163 SEOULSIRIDPDAE-RO, DONGDAEMUN-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	130-743
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14288070
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<b>SIGNATURE:</b>	/Hosang Lee/
<b>DATE SIGNED:</b>	08/12/2016
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

WHEREAS, SAMSUNG ELECTRO-MECHANICS CO., LTD., a corporation organized under and pursuant to the laws of Korea having its principal place of business at Maeyoung-Ro 150 (Maetan-Dong) Youngtong-Gu, Suwon-Si, Gyeonggi-Do, REPUBLIC OF KOREA and UNIVERSITY OF SEOUL INDUSTRY COOPERATION FOUNDATION a corporation organized under and pursuant to the laws of Korea having its principal place of business at 163 Seoulsiridpdae-Ro, Dongdaemun-gu, Seoul, 130-743, REPUBLIC OF KOREA (hereinafter referred to as Assignor), are the exclusive owners, by assignment, of the Patent Application listed in Schedule A; and

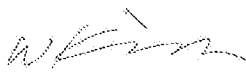
WHEREAS, UNIVERSITY OF SEOUL INDUSTRY COOPERATION FOUNDATION, a corporation organized under and pursuant to the laws of Korea having its principal place of business at 163 Seoulsiridpdae-Ro, Dongdaemun-gu, Seoul, 130-743, REPUBLIC OF KOREA (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in, to and under said Patent Application and the invention covered thereby;

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to the said Assignee, the entire right, title and interest for the United States of America and all other countries in and to said applications for all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries on the attached list of *Schedule A*, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on *Schedule A* to said assignee herein, as assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention listed on *Schedule A* whenever requested, to testify in any interferences or other legal proceedings in which said application or patent may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said invention listed on *Schedule A* in the United States of America and all other countries, the expenses incident to said application listed on *Schedule A* to be borne and paid by said assignee.

SCHEDULE A

Application/ Patent Number	Filing Date/Grant Date	Inventor	Title	City
14/288,070	May 27, 2014	Sang Hyun CHA et al.	GATE DRIVING CIRCUIT, AND SWITCHING APPARATUS AND POWER SUPPLY APPARATUS HAVING THE SAME	US

Date: June 17, 2016

Signature: 

Name: Wang-Yol Kim  
 Title: Director  
 SAMSUNG ELECTRO-MECHANICS CO., LTD.