

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Woo Chul JEON</td> <td>06/08/2010</td> </tr> <tr> <td>Ki Yeol PARK</td> <td>06/08/2010</td> </tr> <tr> <td>Young Hwan PARK</td> <td>06/08/2010</td> </tr> <tr> <td>Jung Hee LEE</td> <td>06/08/2010</td> </tr> </tbody> </table>		Name	Execution Date	Woo Chul JEON	06/08/2010	Ki Yeol PARK	06/08/2010	Young Hwan PARK	06/08/2010	Jung Hee LEE	06/08/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SAMSUNG ELECTRO-MECHANICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>314 Maetan 3-Dong, Yeongtong-Gu</td> </tr> <tr> <td>City:</td> <td>Suwon, Gyunggi-do</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.	Street Address:	314 Maetan 3-Dong, Yeongtong-Gu	City:	Suwon, Gyunggi-do	State/Country:	REPUBLIC OF KOREA		
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CORRESPONDENCE DATA											
<p>Fax Number: (949)851-9348</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949.851.0633</p> <p>Email: ltillman@mwe.com</p> <p>Correspondent Name: Soyeon (Karen) Pak Laub</p> <p>Address Line 1: McDermott Will & Emery LLP</p> <p>Address Line 2: 18191 Von Karman Avenue, Suite 500</p> <p>Address Line 4: Irvine, CALIFORNIA 92612</p>											
ATTORNEY DOCKET NUMBER:	082658-0053										
NAME OF SUBMITTER:	Soyeon (Karen) Pak Laub, Reg. # 39,266										
<p>Total Attachments: 2</p> <p>source=082658-0053_Assignment#page1.tif</p>											

CH \$40.00 12965640

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PATENT
REEL: 025493 FRAME: 0115

Attorney Docket No.: 082658-0053

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) JEON, Woo Chul	(5) _____
(2) PARK, Ki Yeol	(6) _____
(3) PARK, Young Hwan	(7) _____
(4) LEE, Jung Hee	(8) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SAMSUNG ELECTRO-MECHANICS CO., LTD.

314 Maetan 3-dong, Yeongtong-gu, Suwon, Gyunggi-do, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME

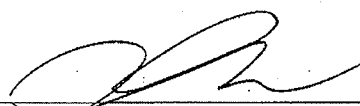
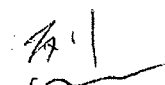

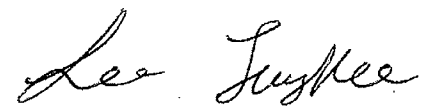
(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Application No. _____; or

(b) for which an application for United States Letters Patent was executed on herewith,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	 Name: LEON, Woo Chul	<u>08/06/2010</u>
2)	 Name: PARK, Ki Yeol	<u>08/06/2010</u>
3)	 Name: PARK, Young Hwan	<u>08/06/2010</u>
4)	 Name: LEE, Jung Hee	<u>08/06/2010</u>