

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JONG HAN KIM</td> <td>01/06/2013</td> </tr> <tr> <td>SU HWAN CHO</td> <td>01/06/2013</td> </tr> <tr> <td>DOO YOUNG KIM</td> <td>01/06/2013</td> </tr> <tr> <td>JI YOUNG PARK</td> <td>01/07/2013</td> </tr> <tr> <td>JAE YEOL CHOI</td> <td>01/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	JONG HAN KIM	01/06/2013	SU HWAN CHO	01/06/2013	DOO YOUNG KIM	01/06/2013	JI YOUNG PARK	01/07/2013	JAE YEOL CHOI	01/06/2013
Name	Execution Date												
JONG HAN KIM	01/06/2013												
SU HWAN CHO	01/06/2013												
DOO YOUNG KIM	01/06/2013												
JI YOUNG PARK	01/07/2013												
JAE YEOL CHOI	01/06/2013												
RECEIVING PARTY DATA													
Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.												
Street Address:	150, Maeyeong-ro, Yeongtong-Gu,												
City:	Suwon, Gyunggi-do												
State/Country:	KOREA, REPUBLIC OF												
Postal Code:	443-743												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13801102</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13801102								
Property Type	Number												
Application Number:	13801102												
CORRESPONDENCE DATA													
Fax Number:													
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	202-756-8000												
Email:	mweipdocket@mwe.com												
Correspondent Name:	MCDERMOTT WILL & EMERY LLP												
Address Line 1:	The McDermott Building												
Address Line 2:	500 North Capitol Street, N.W.												
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20001												
ATTORNEY DOCKET NUMBER:	085946-0292												
NAME OF SUBMITTER:	Stephen A. Becker 26527 (mjb)												
Total Attachments: 2 source=ASSN_085946-0292#page1.tif source=ASSN_085946-0292#page2.tif													

CH \$40.00 13801102

(SAB)

Docket No.: \_\_\_\_\_

**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) <u>KIM, Jong Han</u>  | (5) <u>CHOI, Jae Yeol</u> |
| (2) <u>CHO, Su Hwan</u>   | (6) _____                 |
| (3) <u>KIM, Doo Young</u> | (7) _____                 |
| (4) <u>PARK, Ji Young</u> | _____                     |

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

SAMSUNG Electro-Mechanics Co., Ltd.  
150, Maeyeong-ro, Yeongtong-Gu,  
Suwon, Gyunggi-Do  
Republic of KOREA  
Postal Code: 443-743

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

MULTILAYER ELECTRONIC COMPONENTS AND METHOD FOR MANUFACTURING THE SAME



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

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

and the undersigned hereby authorize and request the United States Commissioner of 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) <u></u> Name: KIM, Jong Han	<u>2013. 01. 06</u>
2) <u></u> Name: CHO, Su Hwan	<u>2013. 01. 06</u>

3)  2013. 01. 06  
Name: KIM, Doo Young

4)  2013. 01. 07  
Name: PARK, Ji Young

5)  2013. 01. 06  
Name: CHOI, Jae Yeol