

## 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>Byung Kil SEO</td> <td>03/22/2012</td> </tr> <tr> <td>Byung Sung KANG</td> <td>03/22/2012</td> </tr> </tbody> </table>  |                                     | Name          | Execution Date                      | Byung Kil SEO       | 03/22/2012                       | Byung Sung KANG   | 03/22/2012 |       |             |                |                    |
| Name  | Execution Date                      |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| Byung Kil SEO   | 03/22/2012                          |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| Byung Sung KANG   | 03/22/2012                          |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| RECEIVING PARTY DATA  |                                     |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| <table border="1"> <tr> <td>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>Internal Address:</td> <td>Suwon,</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>  |                                     | Name:         | SAMSUNG ELECTRO-MECHANICS CO., LTD. | Street Address:     | 314 Maetan 3-dong, Yeongtong-gu, | Internal Address: | Suwon,     | City: | Gyeonggi-do | State/Country: | KOREA, REPUBLIC OF |
| Name:   | SAMSUNG ELECTRO-MECHANICS CO., LTD. |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| Street Address:   | 314 Maetan 3-dong, Yeongtong-gu,    |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| Internal Address:   | Suwon,                              |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| City:   | Gyeonggi-do                         |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| State/Country:  | KOREA, REPUBLIC OF                  |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| 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>13448975</td> </tr> </tbody> </table>   |                                     | Property Type | Number                              | Application Number: | 13448975                         |                   |            |       |             |                |                    |
| Property Type   | Number                              |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| Application Number:   | 13448975                            |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| CORRESPONDENCE DATA   |                                     |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| <p>Fax Number: (202)756-8087</p> <p>Phone: 202-756-8000</p> <p>Email: Washington_IP_Docket@mwe.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: MCDERMOTT WILL &amp; EMERY LLP</p> <p>Address Line 1: 600 13TH STREET, N.W.</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096</p> |                                     |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| ATTORNEY DOCKET NUMBER:   | 090104-0201                         |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| NAME OF SUBMITTER:  | Stephen A. Becker 26,527 kaw        |               |                                     |                     |                                  |                   |            |       |             |                |                    |
| <p>Total Attachments: 2</p> <p>source=Assign_Transmittal_090104-0201#page1.tif</p> <p>source=Assign_Transmittal_090104-0201#page2.tif</p>   |                                     |               |                                     |                     |                                  |                   |            |       |             |                |                    |

CH \$40.00 13448975

RECORDATION FORM COVER SHEET

**Docket No.: 090104-0201**

**PATENTS ONLY**

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

|   |   |
|---|---|
| <b>1. Name of Conveying Party(ies)</b><br>Byung Kil SEO, Byung Sung KANG<br><br>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | <b>2. Name and address of receiving party(ies)</b><br>Name: SAMSUNG ELECTRO-MECHANICS CO., LTD.<br>Internal Address:<br><br>Address: 314 Maetan 3-dong, Yeongtong-gu,<br>Suwon,<br>Gyunggi-do, Republic of Korea<br><br>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |
| <b>3. Nature of Conveyance/Execution Date(s)</b><br>Execution Date(s): March 22, 2012<br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Joint Research Agreement<br><input type="checkbox"/> Government Interest Assignment<br><input type="checkbox"/> Executive Order 9424, Confirmatory License<br><input type="checkbox"/> Other | <b>4. Application or patent number(s):</b><br>A. Patent Application No(s).<br><br><br>B. Patent No(s).<br><br><br>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |
| <b>5. Name and address to whom correspondence concerning document should be mailed:</b><br><br>Name: MCDERMOTT WILL & EMERY LLP<br>Internal Address:<br><br>Street Address: 600 13th Street, N.W.<br><br>City: Washington, State: DC Zip: 20005-3096<br>D.C.<br><br>Phone Number: 202.756.8000<br>Fax Number: 202.756.8087<br>Email Address: Washington_IP_Docket@mwe.com   | <b>6. Total number of applications and patents involved:</b> 1<br><br><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$40.00<br><input type="checkbox"/> Authorized to be charged by credit card<br><input checked="" type="checkbox"/> Authorized to be charged to deposit account<br><input type="checkbox"/> Enclosed<br><input type="checkbox"/> None required (government interest not affecting title)<br><br><b>8. Payment Information:</b><br><br>a. Credit Card Last 4 Numbers _____<br>Expiration Date _____<br>b. Deposit Account Number 500417<br>Authorized User Name _____ |
| <b>9. Signature.</b><br><div style="display: flex; justify-content: space-between; align-items: center;"> <span>Stephen A. Becker 26,527</span> <span>April 17, 2012</span> </div>  |   |
| <div style="display: flex; justify-content: space-between;"> <span>Name and Registration No. of Person Signing</span> <span>Signature</span> <span>Date</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>Total number of pages including cover sheet, attachments and documents:</span> <span>2</span> </div>   |   |

(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>SEO, Byung Kil</u>   | (5) _____ |
| (2) <u>KANG, Byung Sung</u> | (6) _____ |
| (3) _____                   | (7) _____ |
| (4) _____                   | (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 **MULTILAYER CERAMIC ELECTRONIC COMPONENT**

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

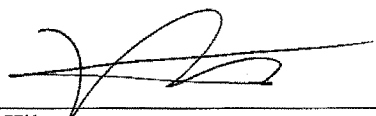
(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,  
and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, 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;

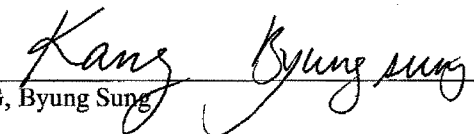
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, 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) SEO, Byung Kil  2012.3.22

2) KANG, Byung Sung  2012.3.22