

## 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>JUNG HO LEE</td> <td>09/08/2012</td> </tr> <tr> <td>JAE YEOL CHOI</td> <td>09/08/2012</td> </tr> <tr> <td>DOO YOUNG KIM</td> <td>09/08/2012</td> </tr> <tr> <td>MYUNG JUN PARK</td> <td>09/10/2012</td> </tr> <tr> <td>YU NA KIM</td> <td>09/10/2012</td> </tr> <tr> <td>SUNG WOO KIM</td> <td>09/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	JUNG HO LEE	09/08/2012	JAE YEOL CHOI	09/08/2012	DOO YOUNG KIM	09/08/2012	MYUNG JUN PARK	09/10/2012	YU NA KIM	09/10/2012	SUNG WOO KIM	09/10/2012
Name	Execution Date														
JUNG HO LEE	09/08/2012														
JAE YEOL CHOI	09/08/2012														
DOO YOUNG KIM	09/08/2012														
MYUNG JUN PARK	09/10/2012														
YU NA KIM	09/10/2012														
SUNG WOO KIM	09/10/2012														
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, 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, Suwon	City:	Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF						
Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.														
Street Address:	314 Maetan 3-dong, Yeongtong-gu, 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>13620239</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13620239										
Property Type	Number														
Application Number:	13620239														
CORRESPONDENCE DATA															
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-756-8000</p> <p>Email: mweipdocket@mwe.com</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:	090104-0381														
NAME OF SUBMITTER:	Stephen A. Becker 26527 (mjb)														
<p>Total Attachments: 4</p> <p>source=ASSN_090104-0381#page1.tif</p> <p>source=ASSN_090104-0381#page2.tif</p> <p>source=ASSN_TRN_090104-0381#page1.tif</p> <p>source=ASSN_TRN_090104-0381#page2.tif</p>															

CH \$40.00 13620239

(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>LEE, Jong Ho</u>   | (4) <u>PARK, Myung Jun</u> |
| (2) <u>CHOI, Jae Yeol</u> | (5) <u>KIM, Yu Na</u>      |
| (3) <u>KIM, Doo Young</u> | (6) <u>KIM, Sung Woo</u>   |

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, Gyeonggi-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 AND METHOD OF 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 therefore 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:

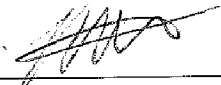
INVENTOR(S)

DATE SIGNED

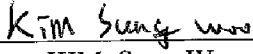
- |   |                     |
|---|---------------------|
| 1) <u>Lee Jong Ho</u><br>Name: LEE, Jong Ho   | <u>2012. 09. 08</u> |
| 2) <u>[Signature]</u><br>Name: CHOI, Jae Yeol | <u>2012. 09. 08</u> |
| 3) <u>[Signature]</u><br>Name: KIM, Doo Young | <u>2012. 09. 08</u> |

4)   
Name: PARK, Myung Jun

2012. 9. 10

5)   
Name: KIM, Yu Na

2012. 9. 10

6)   
Name: KIM, Sung Woo

2012. 9. 10

RECORDATION FORM COVER SHEET

PATENTS ONLY

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

1. Name of conveying party(ies):

Jong Ho LEE (09/08/2012), Jae Yeol CHOI  
(09/08/2012), Doo Young KIM (09/08/2012),  
Myung Jun PARK (09/10/2012),

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name and address of receiving party(ies)

SAMSUNG ELECTRO-MECHANICS  
CO., LTD.

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

314 Maetan 3-dong,  
Yeongtong-gu, Suwon

City: \_\_\_\_\_ Gyunggi-do

State: \_\_\_\_\_

Country: \_\_\_\_\_ Republic of Korea Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Stephen A. Becker, P.C.  
MCDERMOTT WILL & EMERY LLP

Internal Address: Atty. Dkt.: 090104-0381

Street Address: 600 13th Street, N.W.

City: \_\_\_\_\_ Washington DC

State: \_\_\_\_\_ DC Zip: 20005-3096

Phone Number: \_\_\_\_\_ (202) 756-8608

Fax Number: \_\_\_\_\_ (202) 756-8087

Email Address: \_\_\_\_\_ mweipdocket@mwe.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-0417

Authorized User Name Stephen A. Becker, P.C.

9. Signature:

Signature

September 14, 2012

Date

Stephen A. Becker, P.C. - 26,527

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

**RECORDATION FORM COVER SHEET (PTO-1595)**  
**(supplemental sheet)**

**Additional Conveying Party(ies)/Execution Date(s) (1. Continued):**

Yu Na KIM (09/10/2012), and Sung Woo KIM (09/10/2012)

**Additional Assignees (2. Continued):**

Assignee Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

**Additional Applications and/or Patents (4. Continued):**

Additional Patent Application Numbers  
4A. Continued:

Additional Patent Numbers  
4B. Continued:

Additional numbers attached?

☐

Yes

☐

No