

## 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>Kyung Ho LEE</td> <td>12/21/2011</td> </tr> <tr> <td>Young Nam HWANG</td> <td>12/22/2011</td> </tr> <tr> <td>Po Chul KIM</td> <td>12/21/2011</td> </tr> <tr> <td>Yong Jin KIM</td> <td>12/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kyung Ho LEE	12/21/2011	Young Nam HWANG	12/22/2011	Po Chul KIM	12/21/2011	Yong Jin KIM	12/21/2011
Name	Execution Date										
Kyung Ho LEE	12/21/2011										
Young Nam HWANG	12/22/2011										
Po Chul KIM	12/21/2011										
Yong Jin KIM	12/21/2011										
RECEIVING PARTY DATA											
Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.										
Street Address:	314 Maetan 3-dong, Yeongtong-gu, Suwon,										
City:	Gyeonggi-do										
State/Country:	REPUBLIC OF KOREA										
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>13352911</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13352911						
Property Type	Number										
Application Number:	13352911										
CORRESPONDENCE DATA											
Fax Number:	(202)756-8087										
Phone:	202-756-8000										
Email:	washington_ip_docket@mwe.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	MCDERMOTT WILL & EMERY LLP										
Address Line 1:	600 13TH STREET, N.W.										
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005-3096										
ATTORNEY DOCKET NUMBER:	090104-0096										
NAME OF SUBMITTER:	Stephen A. Becker										
Total Attachments: 3 source=0901040096assigntransmittal#page1.tif source=0901040096assign#page1.tif source=0901040096assign#page2.tif											

CH \$40.00 13352911

RECORDATION FORM COVER SHEET

**Docket No.: 090104-0096**

**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)**

**Kyung Ho LEE, Young Nam HWANG, Po Chul KIM, Yong Jin KIM**

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

**3. Nature of Conveyance/Execution Date(s)**

Execution Date(s): **December 21, 2011; December 22, 2011;  
December 21, 2011 and December 12, 2011  
respectively**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Assignment                      | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement                         | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement                   |   |
| <input type="checkbox"/> Government Interest Assignment             |   |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License |   |

**2. Name and address of receiving party(ies)**

Name: **SAMSUNG ELECTRO-MECHANICS CO., LTD.**

Internal Address:

Address: **314 Maetan 3-dong, Yeongtong-gu, Suwon,  
Gyeonggi-do, Republic of Korea**

**4. Application or patent number(s):**

A. Patent Application No(s).

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

B. Patent No(s).

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

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

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

City: **Washington,** State: **DC** Zip: **20005-3096**  
D.C.

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address: **mweipdocket@mwe.com**

**6. Total number of applications and patents involved:**

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

- ☐ Authorized to be charged by credit card
- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

**8. Payment Information:**

- |    |                        |                 |       |
|----|------------------------|-----------------|-------|
| a. | Credit Card            | Last 4 Numbers  | _____ |
|    |                        | Expiration Date | _____ |
| b. | Deposit Account Number | 500417          |       |
|    | Authorized User Name   | _____           |       |

**9. Signature.**

**Stephen A. Becker 26,527**

**January 18, 2012**

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: **3**

(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) LEE, Kyung Ho (3) KIM, Po Chul  
(2) HWANG, Young Nam (4) KIM, Yong Jin

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

**LINEAR VIBRATOR**

(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;

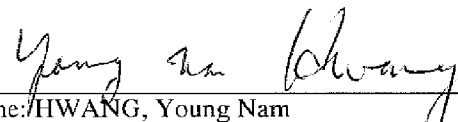
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, 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)  2011. 12. 21  
Name: LEE, Kyung Ho

2)  2011. 12. 21  
Name: HWANG, Young Nam

3)  2011. 12. 21  
Name: KIM, Po Chul

4)



Name: KIM, Yong Jin

2011. 12. 21