

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Young Sun Yoo</td> <td>11/16/2011</td> </tr> <tr> <td>Pyo Kim</td> <td>11/16/2011</td> </tr> <tr> <td>Ho Jun Yoo</td> <td>11/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Young Sun Yoo	11/16/2011	Pyo Kim	11/16/2011	Ho Jun Yoo	11/16/2011
Name	Execution Date								
Young Sun Yoo	11/16/2011								
Pyo Kim	11/16/2011								
Ho Jun Yoo	11/16/2011								
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>13328957</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13328957				
Property Type	Number								
Application Number:	13328957								
CORRESPONDENCE DATA									
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<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:	090104-0038								
NAME OF SUBMITTER:	Stephen A. Becker 26,527 jcm								
Total Attachments: 2 source=2011-12-16_Assn_090104-0038#page1.tif source=2011-12-16_Assn_090104-0038#page2.tif									

CH \$40.00 13328957

RECORDATION FORM COVER SHEET

Docket No.: 090104-0038

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)
Young Sun YOO; Pyo KIM; Ho Jun YOO

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

2. Name and address of receiving party(ies)
 Name: **SAMSUNG ELECTRO-MECHANICS CO., LTD.**
 Internal Address:
 Address: **314 Maetan 3-dong, Yeongtong-gu, Suwon, Gyunggi-do, REPUBLIC OF KOREA**

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

3. Nature of Conveyance/Execution Date(s)
 Execution Date(s): **November 16, 2011**

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

4. Application or patent number(s):
 A. Patent Application No(s).
 B. Patent No(s).

Additional numbers attached? Yes No

This document is being filed together with a new application.

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: **1**

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 *Bernard P. Codd (Reg No. 46,429)* **December 16, 2011**

Name and Registration No. of Person Signing _____ Signature _____ Date _____

Total number of pages including cover sheet, attachments and documents: **2**

(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) YOO, Young Sun (3) YOO, Ho Jun
- (2) KIM, Pyo (4) _____

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

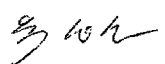

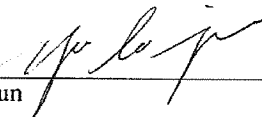
its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

MOTOR

(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: YOO, Young Sun	<u>2011. 11. 16</u>
2) <u></u> Name: KIM, Pyo	<u>2011. 11. 16</u>
3) <u></u> Name: YOO, Ho Jun	<u>2011. 11. 16</u>